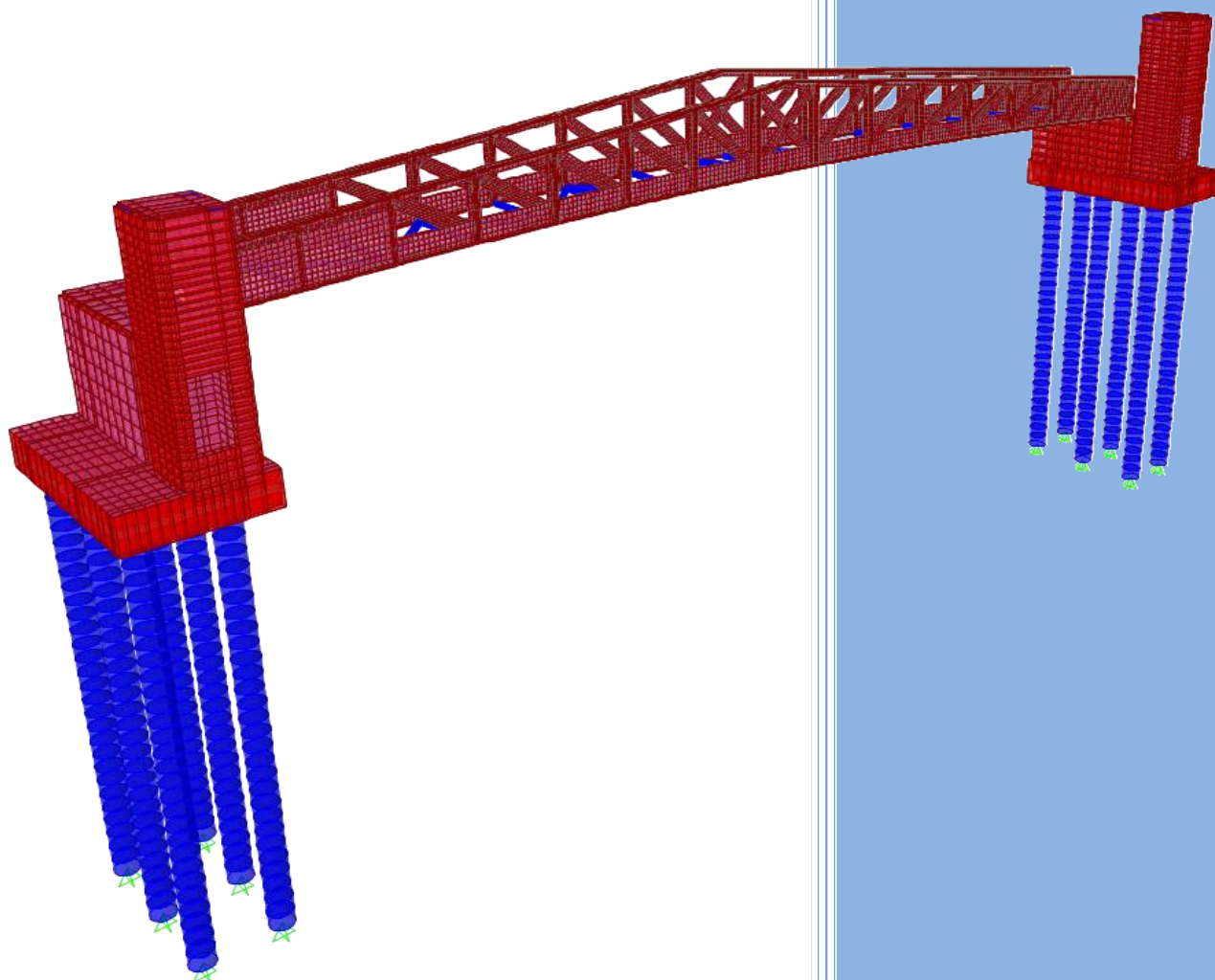


Pasarela peatonal sobre el
cauce del río Oria en Tolosa.

ANEJO CÁLCULOS ESTRUCTURALES



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1. INTRODUCCIÓN

En el presente anejo se realiza el diseño y dimensionamiento estructural de la pasarela sobre el cauce del río Oria, a su paso por el municipio de Tolosa.

2. ANTECEDENTES

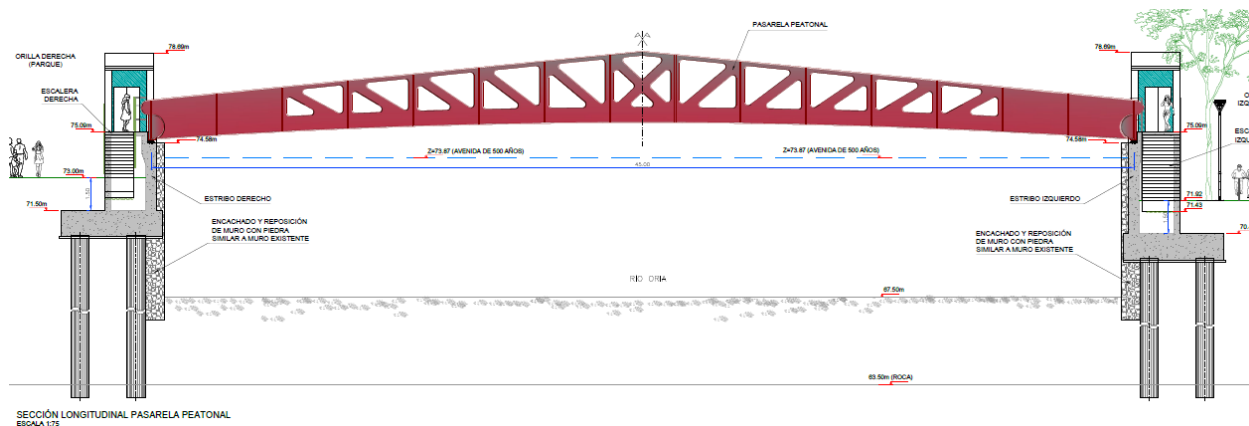
En octubre del presente año, UG21 CONSULTORES DE INGENIERÍA S.L. recibe el encargo, por parte de VS SERVICIOS Y URBANISMO S.L., del diseño de una estructura para salvar el cauce del Oria. Se trata de una pasarela peatonal de unos 45 m de luz libre entre apoyos. fruto de ese encargo se redacta la actual memoria de cálculo.

3. DATOS DE PARTIDA

4. DESCRIPCIÓN DE LA SOLUCIÓN ADOPTADA

La pasarela presenta una luz libre entre apoyos de 45 m y está formada por dos vigas con sección doble T y canto variable. En los apoyos el canto de estas vigas es de 1800 mm mientras que en le entro del vano el canto aumenta hasta los 3280 mm. Hacia la mitad de la luz, las almas de las vigas presentan aligeramientos. El ancho de las alas es de 400 mm; tanto alas como alma de las vigas tienen 50 mm de espesor y están conformadas con acero S355J2.

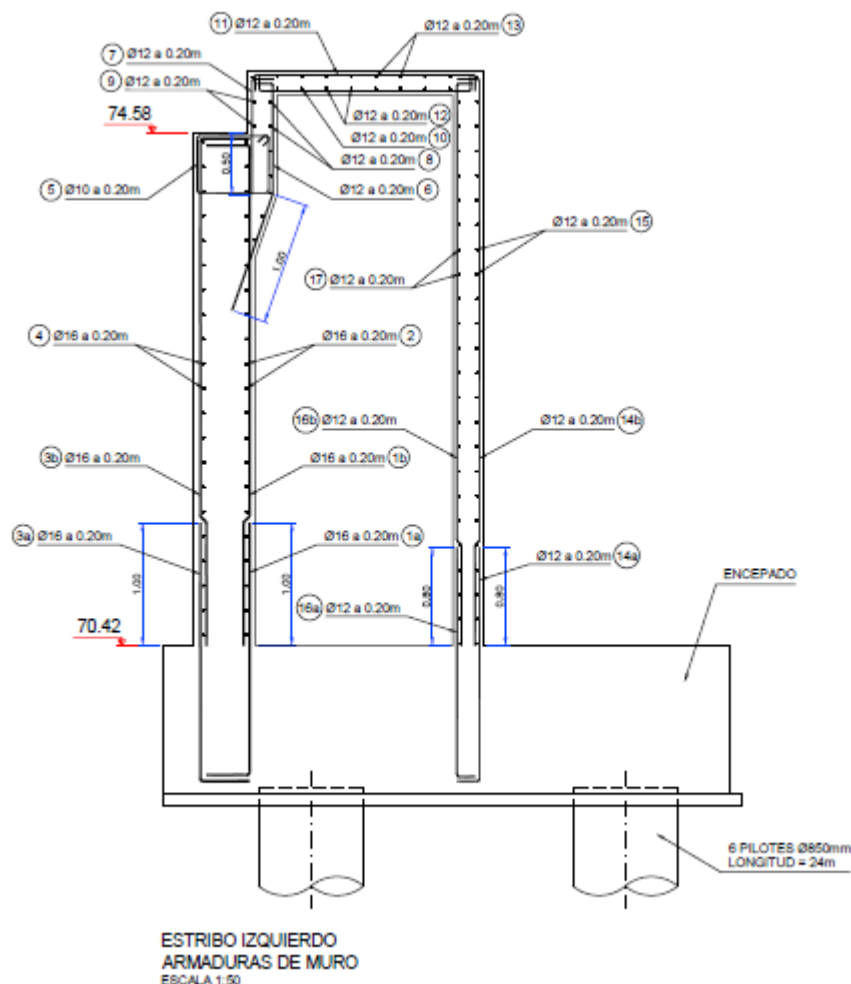
El ancho entre ejes de vigas es de 3650 mm. estas vigas están rigidizadas frente a acciones horizontales por una celosía formada por perfiles cuadrados 150x150x6.



El tablero sobre el que transcurre el tránsito peatonal está formado por un pavimento ligero de madera que se apoya en perfiles transversales de dimensiones 140x60x4 espaciados 60 cm.

La pasarela se apoya en dos estribos de hormigón armado (HA-25) que flanquea los márgenes del cauce. Estos estribos constan de un encepado de 8,1x4,6x1,2 que recoge 6 pilotes de 850 mm de diámetro y 24 m de longitud.

El muro frontal del estribo tiene 50 cm de espesor y recoge los apoyos de neopreno sobre los que se sustentan las vigas principales de la pasarela.



Sobre el encepado se levanta un muro de 25 cm que, junto con el propio muro frontal del estribo, sirve de apoyo a una losa de 20 cm de espesor desde la que se accede a la pasarela.

También sobre el propio encepado se levantan los muros que forman la caja de los ascensores, con unas dimensiones interiores en planta de 1,85 m x 1,70 m y un espesor de 25 cm.

En cada margen de la pasarela se proyectan sendas escaleras para dar acceso a la propia estructura. Estas escaleras se cimientan superficialmente mediante una losa de 30 cm de espesor.

5. BASES DE CÁLCULO

5.1 NORMATIVA

La normativa de obligado cumplimiento y que rige el diseño de las estructuras objeto del presente documento son las siguientes:

- Instrucción de acero estructural (EAE)
- Eurocódigo 3 (E3)
- Instrucción de hormigón estructural (EHE)
- Instrucción sobre las acciones a considerar en el proyecto de puentes de carretera(IAP-11)
- Norma de construcción sismorresistente: puentes (NCSP-07)

5.2 MATERIALES

Las propiedades de los materiales son las que se muestran seguidamente:

Vigas armadas	S355 J2 W
Módulo de Young	200 000 MPa
Coeficiente de Poisson	0.3
Coeficiente de dilatación térmica	0.000012
Límite elástico mínimo	355 MPa
Tensión de rotura	470 MPa

Vigas laminadas	S275 JR
Módulo de Young	200 000 MPa
Coeficiente de Poisson	0.3
Coeficiente de dilatación térmica	0.000012
Límite elástico mínimo	275 MPa
Tensión de rotura	430 MPa

Hormigón armado (cimentaciones)	HA-25/B/20/IIa
Módulo de deformación	27 264 MPa
Coeficiente de Poisson	0.2
Coeficiente de dilatación térmica	0.000012
Resistencia a compresión a 28 días	25 MPa

Hormigón armado (pilotes)	HA-30/B/20/IIa +F
Módulo de deformación	28 600 MPa
Coeficiente de Poisson	0.2
Coeficiente de dilatación térmica	0.000012
Resistencia a compresión a 28 días	30 MPa

Hormigón armado (losas y muros)	HA-25/B/20/IIa +F
Módulo de deformación	27 264 MPa
Coeficiente de Poisson	0.2
Coeficiente de dilatación térmica	0.000012
Resistencia a compresión a 28 días	25 MPa

Acero pasivo	B500SD
Módulo de Young	200 000 MPa
Coeficiente de Poisson	0.3
Coeficiente de dilatación térmica	0.000012
Límite elástico mínimo	500 MPa
Tensión de rotura mínima	550 MPa

Para los encepados se establece como clase de exposición la IIa ya que estos elementos van a estar enterrados. Para los pilotes y los muros o losas se establece una clase de exposición IIa+F ya que es un elemento destinado al tráfico de peatones con más de 5 nevadas anuales o con valor medio de la temperatura mínima en los meses de invierno inferior a 0°C. También se establece que el control de ejecución de la obra sea **intenso**. En estas circunstancias, los recubrimientos de los elementos de hormigón armado quedan como sigue:

Encepados

- recubrimiento mínimo: 25 mm
- margen de recubrimiento: 5 mm
- recubrimiento nominal: 30 mm

Muros y losas

- recubrimiento mínimo: 40 mm
- margen de recubrimiento: 5 mm
- recubrimiento nominal: 45 mm

5.3 FILOSOFÍA DE DISEÑO. MÉTODO DE LOS ESTADOS LÍMITE

La comprobación de los elementos estructurales se realiza siguiendo las indicaciones de la IAP 11. Sobre el modelo estructural se aplican los valores de cálculo de las acciones; estos

valores de cálculo se combinan formando distintas hipótesis de carga, cada una de las cuales genera un efecto (Ed) y una sollicitación (Sd) sobre la estructura.

Estos valores no deben superar en ningún caso los valores límite del efecto admisible (Cd) ni de la resistencia de cálculo (Rd) de la estructura.

$$Ed < Cd$$

$$Sd < Rd$$

5.4 ACCIONES A CONSIDERAR EN EL CÁLCULO. VALORES CARACTERÍSTICOS

El valor característico de una acción se define en base a una determinada probabilidad de excedencia. Se supone que los valores de las acciones obedecen a una distribución normal y que el valor característico de cada acción se define como un fractil de dicha distribución:

- En el caso de las acciones permanentes se adopta el valor medio
- En el caso de las acciones variables se adopta el valor con una probabilidad de excedencia del 5% en el periodo de vida útil de la estructura.
- En el caso de las acciones climáticas, el valor característico es el que tienen una probabilidad de excedencia anual del 2%.

Estos valores se mayoran y combinan para formar las hipótesis de cálculo. A continuación, se indican los valores característicos de las acciones consideradas.

5.4.1 ACCIONES PERMANENTES

El peso de cualquier elemento estructural se obtiene a partir de su geometría y de los siguientes pesos específicos:

- | | |
|------------------------|------------------------|
| • acero laminado: | 78,5 kN/m ³ |
| • hormigón armado: | 25,0 kN/m ³ |
| • pavimento de madera: | 1 kN/m ² |

5.4.2 SOBRECARGA DE USO

Para la determinación de los efectos estáticos de la sobrecarga de uso debida al tráfico de peatones, se considerará la acción simultánea de las cargas siguientes:

- Carga vertical uniformemente distribuida de valor 5,0 kN/m²
- Una fuerza horizontal longitudinal de valor igual al 10% del total de la carga vertical uniformemente distribuida, actuando en el eje del tablero al nivel de la superficie del pavimento.

5.4.3 VIENTO

El empuje horizontal del viento sobre la pasarela se obtiene según la metodología de la IAP-11. Los valores para las presiones horizontales y verticales se recogen en la tabla siguiente:

Empuje del viento sobre tableros. IAP-11				
PASARELA DE TOLOSA				
Velocidad básica fundamental	$V_{b,0}$	29.0	m/s	
Factor direccional	C_{dir}	1.0		
Factor estacional	C_{season}	1.0		
Velocidad básica (T=50 años)	V_b	29.0	m/s	
Período de retorno	T	100.0	años	
Factor de probabilidad	C_{prob}	1.04		
Velocidad básica (T)	$V_b(T)$	30.12	m/s	
Altura de aplicación	z	10.0	m	
Tipo de entorno		II		
	k_r	0.190		
	z_0	0.050	m	
	z_{min}	2.000	m	
	$z_{cálculo}$	10.0		
Factor de rugosidad	$C_r(z)$	1.0		
Factor de topografía	C_0	1.0		
Velocidad media del viento	V_m	30.3	m/s	
Coefficiente de exposición	C_e	2.352		
Coefficiente de fuerza	C_f	1.8		
Empuje horizontal del viento	F_w / A	2.40	kN/m²	
Empuje vertical del viento	$F_{w,z} / A_{ref,z}$	1.20	kN/m²	
Porcentaje para viento longitudinal		50.0	%	
	α	0.520		
Longitud integral de la turbulencia	L(z)	63.2	m	
Longitud sobre la que actúa el viento	L	45.9	m	
	$\phi[L/L(z)]$	0.1718443		
Coefficiente reductor		0.902189		
Empuje longitudinal del viento	F_L / A	1.08	kN/m²	

5.4.4 NIEVE

Tolosa se encuentra en la zona invernal 1 que se define en la IAP 11, y está a unos 70 metros sobre el nivel del mar, por lo que según 4.4a de la IAP $s_k = 0.3 \text{ kN/m}^2$, siendo el valor característico de la sobrecarga de nieve sobre el tablero $q_k = 0.8 \cdot s_k = 0.24 \text{ kN/m}^2$. Este valor según la IAP11 no es concomitante con la sobrecarga de uso, porque no estamos en zona de alta montaña.

5.4.5 TEMPERATURA

La acción térmica sobre la pasarela también se evalúa siguiendo las indicaciones de IAP-11 tal y como se muestra a continuación:

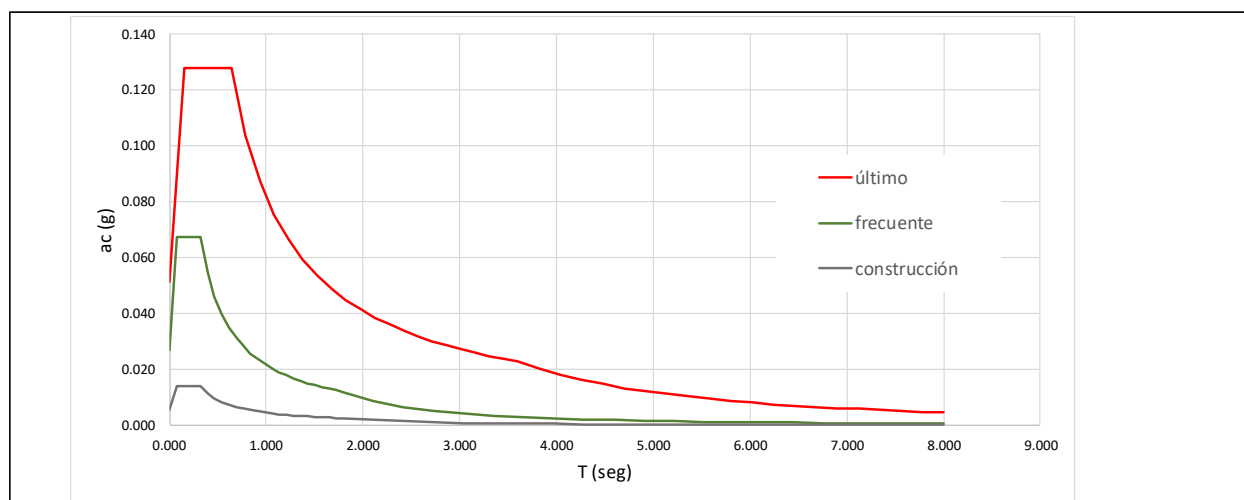
Acción debida a la temperatura sobre tableros. IAP-11					
PASARELA DE TOLOSA					
Temperatura inicial	T_0	15.0	°C		
Tipo de tablero		1.0			
Período de retorno	T	100.0	años		
	$1/T$	0.010			
corrección $T_{m\acute{a}x}$		1.039			
corrección $T_{m\acute{i}n}$		1.111			
Temperatura máxima	$T_{m\acute{a}x}$	42.0	°C		
Temperatura mínima	$T_{m\acute{i}n}$	-7.0	°C		
	$T_{m\acute{a}x,p}$	43.62			
	$T_{m\acute{i}n,p}$	-7.77			
	$\Delta T_{e,m\acute{i}n}$	-3.0	°C		
	$\Delta T_{e,m\acute{a}x}$	16.0	°C		
Temperatura efectiva máx	$T_{e,m\acute{a}x}$	59.6	°C		
Temperatura efectiva mín	$T_{e,m\acute{i}n}$	-10.8	°C		
Componente contracción	$\Delta T_{N,con}$	25.77	°C	para neoprenos	40.77 °C
Componente dilatación	$\Delta T_{N,exp}$	44.62	°C	para neoprenos	59.62 °C
Longitud entre apoyos	L	45.0	m		
Coeficiente de dilatación	α_T	0.000012	°C ⁻¹		
Movimiento en contracción		11.0	mm	cada neopreno	
Movimiento en dilatación		16.1	mm	cada neopreno	

5.4.6 SISMO

La acción sísmica se considerará en el proyecto de acuerdo a las prescripciones recogidas en la NCSP-07. Se clasifican los puentes según su importancia. Esta pasarela se clasifica como puente de importancia normal.

La acción del sismo se tiene en cuenta mediante una acción estática horizontal y vertical que se evalúa a partir de la masa de la estructura y del espectro de respuesta elástico, tal y como se muestra a continuación:

Acción debida al sismo					
PASARELA DE TOLOSA					
Factor de importancia	γ_I	1			
Tipo de terreno	C	1.6			
Aceleración básica del sitio	a_b	0.04	x g		
Periodo de retorno	T	último 500	frecuente 100	construcción 2	años
Factor modificador por periodo de retorno	γ_{II}	1.00	0.53	0.11	
Coeficiente de riesgo	ρ	1.00	0.53	0.11	
	$\rho \times a_b$	0.04	0.02	0.00	x g
Coeficiente de amplificación del terreno	S	1.28	1.28	1.28	
Aceleración horizontal de cálculo	a_c	0.051	0.027	0.006	x g
Amortiguamiento de la estructura	ξ	5			%
Factor corrector por amortiguamiento	v	1.0			
Coeficiente de contribución	K	1.0			
Periodos del espectro		último	frecuente	construcción	
T_A		0.16	0.08	0.08	seg
T_B		0.64	0.32	0.32	seg
T_C		3.60	1.80	1.80	seg



	1	2	3	4
reacciones por peso propio	298.7	298.7	298.7	298.7
reacciones por sobrecarga	178.5	173.6	187.3	192.2
masa símica	1633.76 kN			
carga símica	209.12 kN			
longitud de reparto	45.00			
vigas	2.00			
sismo transversal	2.32 kN/m.l.			
sismo vertical	1.63 kN/m.l.			

5.5 VALORES REPRESENTATIVOS DE LAS ACCIONES

Las acciones se definen, en su magnitud, por sus valores representativos. Una misma acción puede tener un único o varios valores representativos, según se indica a continuación, en función del tipo de acción.

- Acciones permanentes (G): Para las acciones permanentes se considerará un único valor representativo, coincidente con el valor característico G_k .
- Acciones permanentes de valor no constante (G^*): Acciones del terreno: Para el peso del terreno, que gravita sobre elementos de la estructura, se considerará un único valor representativo, coincidente con el valor característico.
- Acciones variables (Q): Cada una de las acciones variables puede considerarse con los siguientes valores representativos:
 - Valor característico Q_k : valor de la acción cuando actúa aisladamente.
 - Valor de combinación $\psi_0 Q_k$: valor de la acción cuando actúa en compañía de alguna otra acción variable.
 - Valor frecuente $\psi_1 Q_k$: valor de la acción que es sobrepasado durante un período de corta duración respecto a la vida útil de la estructura.
 - Valor casi-permanente $\psi_2 Q_k$: valor de la acción que es sobrepasado durante una gran parte de la vida útil de la estructura.
- Acciones accidentales (A): Para las acciones accidentales se considerará un único valor representativo, coincidente con el valor característico A_k .

Los coeficientes de simultaneidad se toman de IAP-11 y son los indicados a continuación:

ACCIÓN	ψ_0	ψ_1	ψ_2
Sobrecarga de uso en pasarelas	0.4	0.4	0.0
Viento	0.6	0.2	0.0
Acción térmica	0.6	0.6	0.5
Nieve	0.8	0.0	0.0

5.6 VALORES DE CÁLCULO DE LAS ACCIONES

Los valores de cálculo de las diferentes acciones son los obtenidos aplicando el correspondiente coeficiente parcial de seguridad γ a los valores representativos de las acciones definidos en el apartado anterior.

Las comprobaciones estructurales se hacen aplicando los coeficientes parciales de seguridad siguientes:

ESTADOS LÍMITE ÚLTIMOS		
ACCIÓN	EFECTO	
	FAVORABLE	DESFAVORABLE
Peso propio / Carga muerta	1.00	1.35

Sobrecarga de uso en pasarelas	0.00	1.35
Viento	0.00	1.50
Acción térmica	0.00	1.50
Nieve	0.00	1.50

ESTADOS LÍMITE SERVICIO		
ACCIÓN	EFECTO	
	FAVORABLE	DESFAVORABLE
Peso propio / Carga muerta	1.00	1.00
Sobrecarga de uso en pasarelas	0.00	1.00
Viento	0.00	1.00
Acción térmica	0.00	1.00
Nieve	0.00	1.00

5.7 COMBINACIÓN DE ACCIONES

Las hipótesis de carga a considerar se formarán combinando los valores de cálculo de las acciones cuya actuación pueda ser simultánea, según los criterios generales que se indica a continuación.

ESTADOS LÍMITE ÚLTIMOS

Situaciones persistentes y transitorias: Las combinaciones de las distintas acciones consideradas en estas situaciones se realizarán de acuerdo con el siguiente criterio:

$$\sum_{j \geq 1} \gamma_{G,j} G_{k,j} + \sum_{i \geq 1} \gamma_{G^*,i} G^*_{k,i} + \gamma_{Q,1} Q_{k,1} + \sum_{i > 1} \gamma_{Q,i} \psi_{0,i} Q_{k,i}$$

Donde:

- $G_{k,j}$ valor representativo de cada acción permanente.
- $G^*_{k,i}$ valor representativo de cada acción permanente de valor no constante.
- $Q_{k,1}$ valor representativo (valor característico) de la acción variable dominante.
- $\psi_{0,i} Q_{k,i}$ valores representativos (valores de combinación) de las acciones variables concomitantes con la acción variable dominante

Situaciones accidentales: Las combinaciones de las distintas acciones consideradas en estas situaciones se realizarán de acuerdo con el siguiente criterio:

$$\sum_{j \geq 1} \gamma_{G,j} G_{k,j} + \sum_{i \geq 1} \gamma_{G^*,i} G^*_{k,i} + \gamma_{Q,1} \psi_{1,1} Q_{k,1} + \sum_{i > 1} \gamma_{Q,i} \psi_{2,i} Q_{k,i} + \gamma_A A_k$$

Donde:

- $G_{k,j}; G^*_{k,i}$ valores representativos

- $\psi_{1,1} Q_{k,1}$ valor representativo (valor frecuente) de la acción variable dominante
- $\psi_{2,1} Q_{k,j}$ valores representativos (valores casi-permanentes) de las acciones variables concomitantes con la acción variable dominante y la acción accidental
- A_k valor representativo (valor característico) de la acción accidental

ESTADOS LÍMITES DE SERVICIO

Para estos estados se consideran únicamente las situaciones persistentes y transitorias, excluyéndose las accidentales. Las combinaciones de las distintas acciones consideradas en estas situaciones se realizarán de acuerdo con el siguiente criterio:

Combinación característica (poco probable o rara):

$$\sum_{j \geq 1} \gamma_{G,j} G_{k,j} + \sum_{i \geq 1} \gamma_{G^*,i} G^*_{k,i} + \gamma_{Q,1} Q_{k,1} + \sum_{i > 1} \gamma_{Q,i} \psi_{0,i} Q_{k,i}$$

Combinación frecuente:

$$\sum_{j \geq 1} \gamma_{G,j} G_{k,j} + \sum_{i \geq 1} \gamma_{G^*,i} G^*_{k,i} + \gamma_{Q,1} \psi_{1,1} Q_{k,1} + \sum_{i > 1} \gamma_{Q,i} \psi_{2,i} Q_{k,i}$$

Combinación casi-permanente:

$$\sum_{j \geq 1} \gamma_{G,j} G_{k,j} + \sum_{i \geq 1} \gamma_{G^*,i} G^*_{k,i} + \sum_{i > 1} \gamma_{Q,i} \psi_{2,i} Q_{k,i}$$

6. CRITERIOS DE DISEÑO

6.1 PARÁMETROS GEOTÉCNICOS

La resistencia de los pilotes se calcula según las indicaciones de la Guía de cimentaciones de obras de carretera. Las resistencias por punta y por fuste se evalúan a partir de la resistencia a compresión simple de la roca, 4MPa, valor proporcionado por VS correspondiente a una roca blanda.

Capacidad admisible de pilotes según GCOC

Nivel geotécnico	Cota superior	Cota inferior	Espesor	τ_f	q_D	L	Q_D	Q_t
	m	m	m	N/mm ²	N/mm ²	m	kN	kN
1	0	1,5	1,5	0	0	1,5	0	0
2	1,5	7	5,5	0	0	5,5	0	0
3	7	24	17	0	0,8	3	953	0
4	24	24	0	0	0	0	0	0

Diámetro del pilote	D	850	mm			10,00	
Longitud del pilote	L	10	m			ok	
Zona activa	3D	2,6	m				
Zona pasiva	6D	5,1	m				
Longitud del fuste	L-6D	4,9	m				
Resistencia por fuste		0	kN				
Resistencia por punta		953	kN				
Carga de hundimiento		953	kN				
Tensión máxima	σ	5	Mpa				
Tope estructural		2837,3	kN				

Parámetros de resistencia de la roca			
Presión de referencia	p_0	1	MPa
Parámetros	α_1	0,6	
	α_2	0,7	
	α_3	1	
Resistencia a compresión simple	q_u	4	MPa
Presión vertical admisible	p_{vadm}	0,84	MPa
Resistencia por punta en la roca	q_D	1,68	MPa
Resistencia por fuste	τ_f	0,7	

También se evalúa la rigidez lateral del terreno mediante la metodología de la Guía de cimentaciones:

Rigidez transversal pilotes GOC. ESTRIBO DCHA

Nivel geotécnico	cota superior m	cota inferior m	espesor m	$K_{s, inicial}$ kN/m ²	$K_{s, final}$ kN/m ²	ΔK_s kN/m ²
1	0	1.5	1.5	0.00	0.00	0.00
2	1.5	7	5.5	2 250.00	10 500.00	750.00
3	7	17	10	42 000.00	102 000.00	3 000.00
4	17	24	7	102 000.00	144 000.00	3 000.00
5	24	24	0	0.00	0.00	0.00

Diámetro del pilote D 850 mm
Corrección [5.13.1.2. GOC] no
Longitud del pilote L 24 m

N1	10	N2	11	N3	20	N4	14	N5	10
Δl	0.15	Δl	0.5	Δl	0.5	Δl	0.5	Δl	0
z	k (kN/m.L.)	z	k (kN/m.L.)	z	k (kN/m.L.)	z	k (kN/m.L.)	z	k (kN/m.L.)
0.000	0.0	1.5	1 125.0	7.0	21 000.0	17.0	51 000.0	24.0	0.0
0.150	0.0	2.0	1 500.0	7.5	22 500.0	17.5	52 500.0	24.0	0.0
0.300	0.0	2.5	1 875.0	8.0	24 000.0	18.0	54 000.0	24.0	0.0
0.450	0.0	3.0	2 250.0	8.5	25 500.0	18.5	55 500.0	24.0	0.0
0.600	0.0	3.5	2 625.0	9.0	27 000.0	19.0	57 000.0	24.0	0.0
0.750	0.0	4.0	3 000.0	9.5	28 500.0	19.5	58 500.0	24.0	0.0
0.900	0.0	4.5	3 375.0	10.0	30 000.0	20.0	60 000.0	24.0	0.0
1.050	0.0	5.0	3 750.0	10.5	31 500.0	20.5	61 500.0	24.0	0.0
1.200	0.0	5.5	4 125.0	11.0	33 000.0	21.0	63 000.0	24.0	0.0
1.350	0.0	6.0	4 500.0	11.5	34 500.0	21.5	64 500.0	24.0	0.0
1.500	0.0	6.5	4 875.0	12.0	36 000.0	22.0	66 000.0	24.0	0.0
		7.0	5 250.0	12.5	37 500.0	22.5	67 500.0		
				13.0	39 000.0	23.0	69 000.0		
				13.5	40 500.0	23.5	70 500.0		
				14.0	42 000.0	24.0	72 000.0		
				14.5	43 500.0				
				15.0	45 000.0				
				15.5	46 500.0				
				16.0	48 000.0				
				16.5	49 500.0				
				17.0	51 000.0				

Rigidez transversal pilotes GOC. ESTRIBO IZQ.

Nivel geotécnico	cota superior m	cota inferior m	espesor m	$K_{s, inicial}$ kN/m ²	$K_{s, final}$ kN/m ²	ΔK_s kN/m ²
1	0	1.5	1.5	0.00	0.00	0.00
2	1.5	6	4.5	2 250.00	9 000.00	750.00
3	6	15	9	36 000.00	90 000.00	3 000.00
4	15	24	9	90 000.00	144 000.00	3 000.00
5	24	24	0	0.00	0.00	0.00

Diámetro del pil D 850 mm
Corrección [5.13.1.2. GOC] no
Longitud del pilo L 24 m

N1	10	N2	9	N3	18	N4	18	N5	10
Δl	0.15	Δl	0.5	Δl	0.5	Δl	0.5	Δl	0
z	k (kN/m.L.)	z	k (kN/m.L.)	z	k (kN/m.L.)	z	k (kN/m.L.)	z	k (kN/m.L.)
0.000	0.0	1.5	1 125.0	6.0	18 000.0	15.0	45 000.0	24.0	0.0
0.150	0.0	2.0	1 500.0	6.5	19 500.0	15.5	46 500.0	24.0	0.0
0.300	0.0	2.5	1 875.0	7.0	21 000.0	16.0	48 000.0	24.0	0.0
0.450	0.0	3.0	2 250.0	7.5	22 500.0	16.5	49 500.0	24.0	0.0
0.600	0.0	3.5	2 625.0	8.0	24 000.0	17.0	51 000.0	24.0	0.0
0.750	0.0	4.0	3 000.0	8.5	25 500.0	17.5	52 500.0	24.0	0.0
0.900	0.0	4.5	3 375.0	9.0	27 000.0	18.0	54 000.0	24.0	0.0
1.050	0.0	5.0	3 750.0	9.5	28 500.0	18.5	55 500.0	24.0	0.0
1.200	0.0	5.5	4 125.0	10.0	30 000.0	19.0	57 000.0	24.0	0.0
1.350	0.0	6.0	4 500.0	10.5	31 500.0	19.5	58 500.0	24.0	0.0
1.500	0.0			11.0	33 000.0	20.0	60 000.0	24.0	0.0
				11.5	34 500.0	20.5	61 500.0		
				12.0	36 000.0	21.0	63 000.0		
				12.5	37 500.0	21.5	64 500.0		
				13.0	39 000.0	22.0	66 000.0		
				13.5	40 500.0	22.5	67 500.0		
				14.0	42 000.0	23.0	69 000.0		
				14.5	43 500.0	23.5	70 500.0		
				15.0	45 000.0	24.0	72 000.0		

Rigidez transversal arenas

nivel	z inicial m	z final m	r_b MPa/m	k inicial kN/m ²	k final kN/m ²
1	0	1.5	0	0.0	0.0
2	1.5	7	1.5	2 250.0	10 500.0
3	7	17	6	42 000.0	102 000.0
4	17	24	6	102 000.0	144 000.0
5	24	24		0.0	0.0

Rigidez transversal arenas

nivel	z inicial m	z final m	r_b MPa/m	k inicial kN/m ²	k final kN/m ²
1	0	1.5	0	0.0	0.0
2	1.5	6	1.5	2 250.0	9 000.0
3	6	15	6	36 000.0	90 000.0
4	15	24	6	90 000.0	144 000.0
5	24	24		0.0	0.0

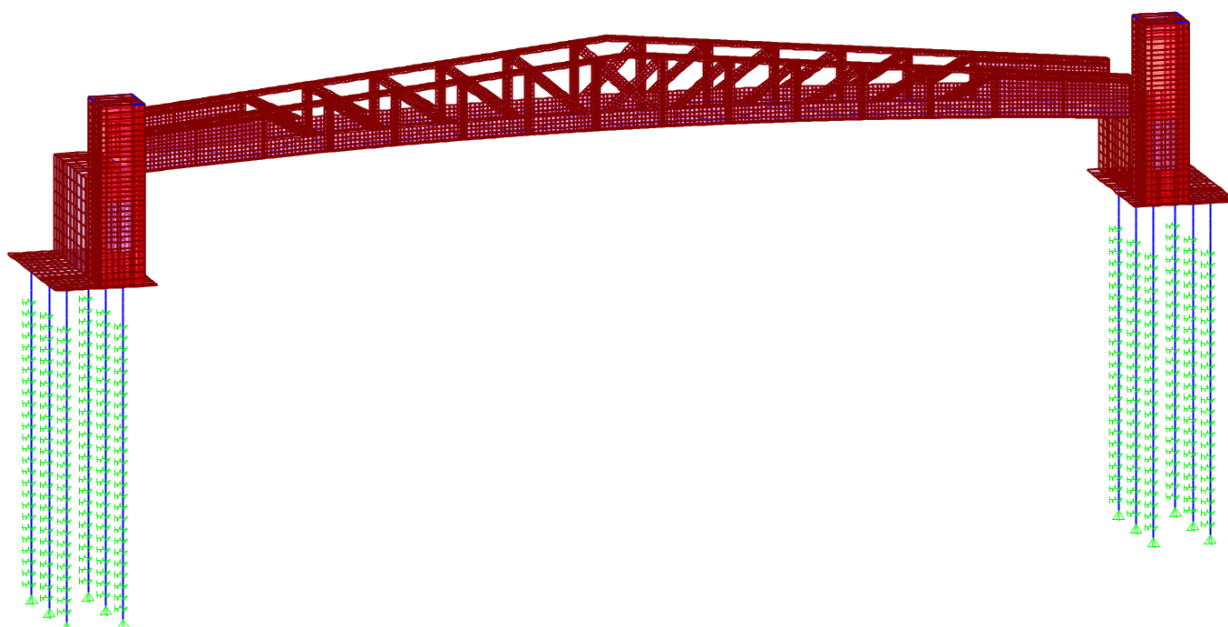
6.2 ANÁLISIS DE ESFUERZOS Y DIMENSIONAMIENTO

6.2.1 MODELO Y OBTENCIÓN DE ESFUERZOS Y DESPLAZAMIENTOS

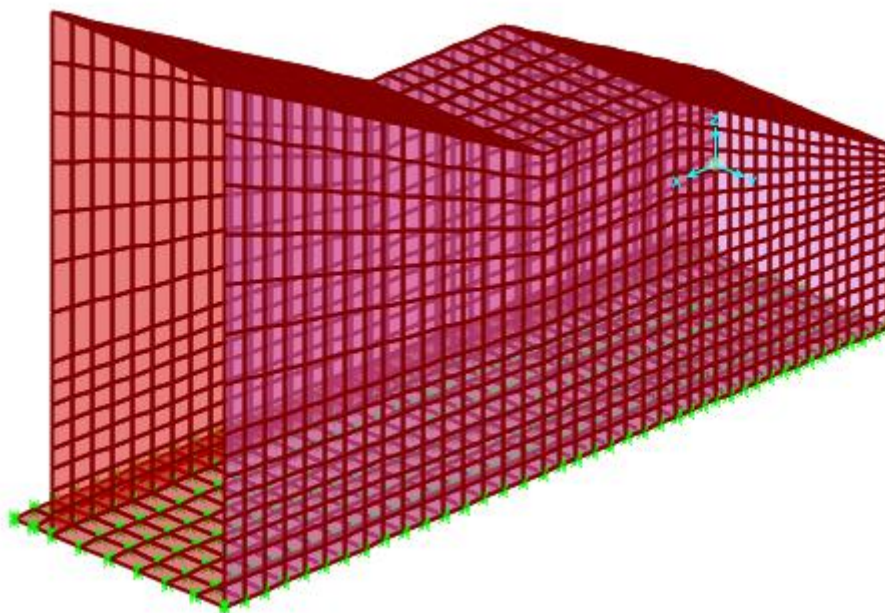
El modelo de la pasarela se realiza con el programa SAP2000. Los estribos, muros y demás elementos planos se modelizan con elementos tipo *shell*; los pilotes y vigas de la celosía que arriostra lateralmente la pasarela se modelizan con elementos tipo *frame*.

En el programa se introducen las cargas y las condiciones de contorno de la estructura, que son: la rigidez transversal del terreno en contacto con los pilotes y la rigidez lateral de los apoyos de neopreno (modelizados como elementos tipo *link*).

El programa resuelve el cálculo de esfuerzos y desplazamientos aplicando el método de los elementos finitos.



También se han realizado modelos para las escaleras de acceso a la pasarela.



6.2.2 VERIFICACIONES ELS

En estado límite de servicio las verificaciones a realizar son: deformaciones y fisuración.

Flechas vigas transversales

Según CTE:

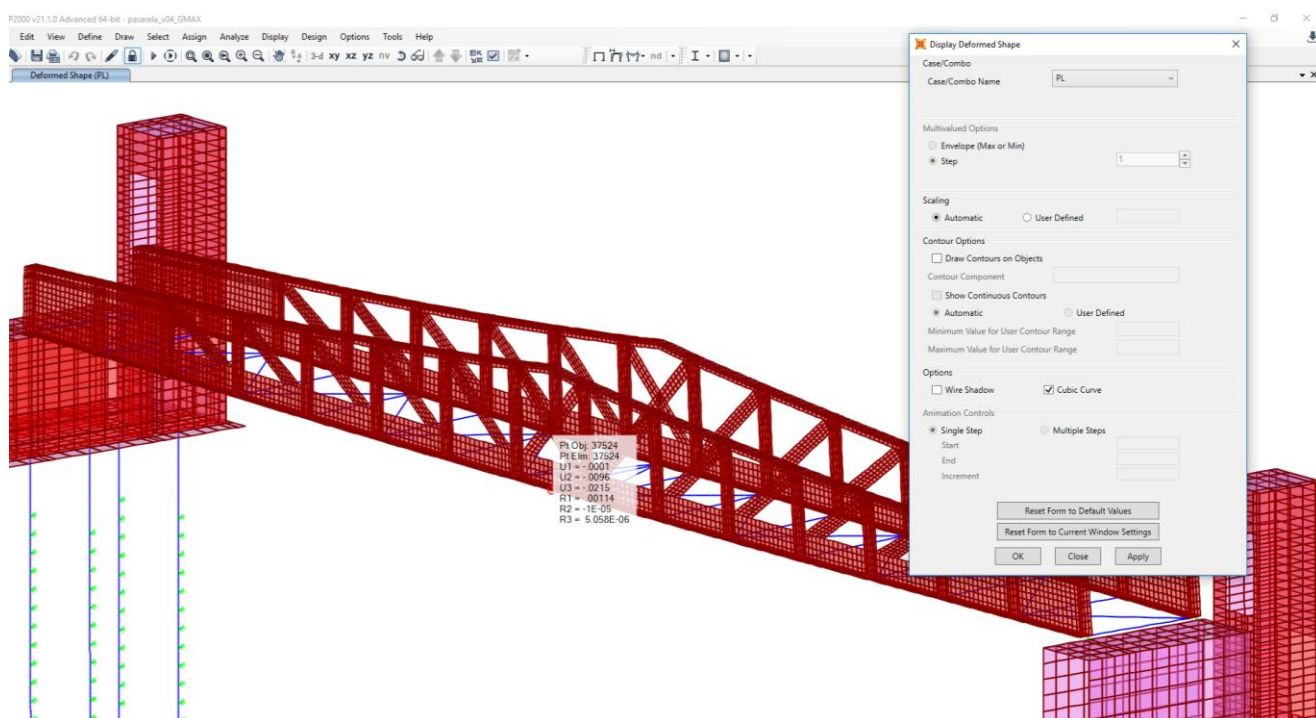
Para considerar la integridad estructural de los elementos constructivos, ante cualquier combinación de acciones característica $L/300$, con $L = 3.6$ m (flecha máxima: 12 mm).

Para considerar el confort del usuario, ante cualquier combinación de acciones característica, considerando solamente las acciones de corta duración, $L/350$, con $L = 3.60$ m (flecha máxima: 10.3 mm)

Tras el cálculo de la viga transversal, se obtiene que la flecha máxima en las combinaciones anteriormente mencionadas es de 10 mm, por lo que cumplimos ambos criterios.

Flechas vigas longitudinales

El criterio de IAP-11 es que la flecha debida a la parte frecuente de la sobrecarga de uso no supere $L/1200$ (siendo L la luz entre apoyos de la pasarela).



La flecha debida a la parte frecuente de la sobrecarga es $0,4 \times 21,4 \text{ mm} = 8,56 \text{ mm}$ que es inferior a 37,5 mm; luego se verifica el criterio de IAP-11.

6.2.3 VERIFICACIONES ELU

Las verificaciones en ELU (rotura de las secciones) se realizan dentro del propio programa de cálculo (SAP2000 o METAL3D) o mediante hojas de cálculo programadas o mediante el *Prontuario Informático del Hormigón Estructural*.

7. LISTADOS DE CÁLCULO

7.1 DATOS DE ENTRADA DEL MODELO

Table 1: Joint Coordinates									
Joint	Coordinates	CoordType	Xor	Y	Z	Special	GlobalX	GlobalY	GlobalZ
1	Joint	Coordinates	Xor	Y	Z	Special	GlobalX	GlobalY	GlobalZ
1	GL001	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
2	GL002	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
3	GL003	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
4	GL004	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
5	GL005	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
6	GL006	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
7	GL007	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
8	GL008	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
9	GL009	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
10	GL010	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
11	GL011	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
12	GL012	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
13	GL013	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
14	GL014	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
15	GL015	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
16	GL016	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
17	GL017	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
18	GL018	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
19	GL019	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
20	GL020	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
21	GL021	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
22	GL022	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
23	GL023	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
24	GL024	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
25	GL025	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
26	GL026	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
27	GL027	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
28	GL028	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
29	GL029	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
30	GL030	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
31	GL031	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
32	GL032	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
33	GL033	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
34	GL034	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
35	GL035	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
36	GL036	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
37	GL037	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738
38	GL038	Cartesian	5.71075	-1.54878	-7.40738	No	5.71075	-1.54878	-7.40738

184	GLOBAL	Cartesian	53.9465	1.40552	4.14262	No	53.9465	1.40552	4.14262	280	GLOBAL	Cartesian	6.97272	0.70276	7.39262	No	6.97272	0.70276	7.39262
185	GLOBAL	Cartesian	57.9465	-1.54878	4.14262	No	57.9465	-1.54878	4.14262	290	GLOBAL	Cartesian	6.97272	1.40552	7.39262	No	6.97272	1.40552	7.39262
186	GLOBAL	Cartesian	53.9465	-1.54878	4.14262	No	53.9465	-1.54878	4.14262	291	GLOBAL	Cartesian	6.97272	1.40552	7.39262	No	6.97272	1.40552	7.39262
187	GLOBAL	Cartesian	55.61268	-0.52602	4.14262	No	55.61268	-0.52602	4.14262	292	GLOBAL	Cartesian	7.23272	1.435E-10	3.00262	No	7.23272	1.435E-10	3.00262
188	GLOBAL	Cartesian	55.61268	-0.52602	4.14262	No	55.61268	-0.52602	4.14262	293	GLOBAL	Cartesian	8.41272	-2.39878	3.00262	No	8.41272	-2.39878	3.00262
189	GLOBAL	Cartesian	55.61268	-0.52602	4.14262	No	55.61268	-0.52602	4.14262	294	GLOBAL	Cartesian	7.23272	-2.39878	3.00262	No	7.23272	-2.39878	3.00262
190	GLOBAL	Cartesian	55.61268	-0.52602	4.14262	No	55.61268	-0.52602	4.14262	295	GLOBAL	Cartesian	6.97272	1.96664	7.39262	No	6.97272	1.96664	7.39262
191	GLOBAL	Cartesian	54.52368	-0.52602	4.14262	No	54.52368	-0.52602	4.14262	296	GLOBAL	Cartesian	6.97272	2.52776	7.39262	No	6.97272	2.52776	7.39262
192	GLOBAL	Cartesian	54.52368	-0.52602	4.14262	No	54.52368	-0.52602	4.14262	297	GLOBAL	Cartesian	8.41272	-2.85102	3.00262	No	8.41272	-2.85102	3.00262
193	GLOBAL	Cartesian	54.52368	-0.52602	4.14262	No	54.52368	-0.52602	4.14262	298	GLOBAL	Cartesian	7.23272	-2.85102	3.00262	No	7.23272	-2.85102	3.00262
194	GLOBAL	Cartesian	53.92268	-2.62602	4.14262	No	53.92268	-2.62602	4.14262	299	GLOBAL	Cartesian	6.97272	4.35852	7.39262	No	6.97272	4.35852	7.39262
195	GLOBAL	Cartesian	53.92268	-2.62602	4.14262	No	53.92268	-2.62602	4.14262	300	GLOBAL	Cartesian	8.41272	7.39262	7.39262	No	8.41272	7.39262	7.39262
196	GLOBAL	Cartesian	57.9465	-0.52602	4.14262	No	57.9465	-0.52602	4.14262	301	GLOBAL	Cartesian	8.41272	1.40552	7.39262	No	8.41272	1.40552	7.39262
197	GLOBAL	Cartesian	53.9465	-0.52602	4.14262	No	53.9465	-0.52602	4.14262	302	GLOBAL	Cartesian	6.97272	1.40552	7.39262	No	6.97272	1.40552	7.39262
198	GLOBAL	Cartesian	53.9465	-2.6249	4.14262	No	53.9465	-2.6249	4.14262	303	GLOBAL	Cartesian	6.97272	3.08888	6.97272	No	6.97272	3.08888	6.97272
199	GLOBAL	Cartesian	57.9465	-2.6249	4.14262	No	57.9465	-2.6249	4.14262	304	GLOBAL	Cartesian	6.97272	7.39262	6.97272	No	6.97272	7.39262	6.97272
200	GLOBAL	Cartesian	55.61268	-2.85102	4.14262	No	55.61268	-2.85102	4.14262	305	GLOBAL	Cartesian	4.35852	7.39262	6.97272	No	4.35852	7.39262	6.97272
201	GLOBAL	Cartesian	55.61268	-2.85102	4.14262	No	55.61268	-2.85102	4.14262	306	GLOBAL	Cartesian	4.78417	7.39262	6.97272	No	4.78417	7.39262	6.97272
202	GLOBAL	Cartesian	54.59465	-0.52602	4.14262	No	54.59465	-0.52602	4.14262	307	GLOBAL	Cartesian	6.97272	5.20983	7.39262	No	6.97272	5.20983	7.39262
203	GLOBAL	Cartesian	54.59465	-2.62602	4.14262	No	54.59465	-2.62602	4.14262	308	GLOBAL	Cartesian	6.97272	1.853E-10	3.63012	No	6.97272	1.853E-10	3.63012
204	GLOBAL	Cartesian	57.9465	3.85	4.14262	No	57.9465	3.85	4.14262	309	GLOBAL	Cartesian	6.97272	1.853E-10	3.63012	No	6.97272	1.853E-10	3.63012
205	GLOBAL	Cartesian	53.9465	3.85	4.14262	No	53.9465	3.85	4.14262	310	GLOBAL	Cartesian	6.97272	4.16762	6.97272	No	6.97272	4.16762	6.97272
206	GLOBAL	Cartesian	53.9465	3.85	4.14262	No	53.9465	3.85	4.14262	311	GLOBAL	Cartesian	6.97272	3.00262	6.97272	No	6.97272	3.00262	6.97272
207	GLOBAL	Cartesian	53.9465	3.85	4.14262	No	53.9465	3.85	4.14262	312	GLOBAL	Cartesian	7.23272	1.40552	3.00262	No	7.23272	1.40552	3.00262
208	GLOBAL	Cartesian	57.9465	3.45	4.14262	No	57.9465	3.45	4.14262	313	GLOBAL	Cartesian	7.23272	1.40552	3.00262	No	7.23272	1.40552	3.00262
209	GLOBAL	Cartesian	53.9465	3.45	4.14262	No	53.9465	3.45	4.14262	314	GLOBAL	Cartesian	6.97272	1.853E-10	4.70512	No	6.97272	1.853E-10	4.70512
210	GLOBAL	Cartesian	57.9465	-0.2	4.14262	No	57.9465	-0.2	4.14262	315	GLOBAL	Cartesian	8.41272	3.00262	6.97272	No	8.41272	3.00262	6.97272
211	GLOBAL	Cartesian	53.9465	-0.2	4.14262	No	53.9465	-0.2	4.14262	316	GLOBAL	Cartesian	7.23272	3.65	3.00262	No	7.23272	3.65	3.00262
212	GLOBAL	Cartesian	57.9465	0	4.14262	No	57.9465	0	4.14262	317	GLOBAL	Cartesian	6.97272	-0.2	4.70512	No	6.97272	-0.2	4.70512
213	GLOBAL	Cartesian	53.9465	0	4.14262	No	53.9465	0	4.14262	318	GLOBAL	Cartesian	6.97272	1.853E-10	5.24262	No	6.97272	1.853E-10	5.24262
214	GLOBAL	Cartesian	57.9465	0.2	4.14262	No	57.9465	0.2	4.14262	319	GLOBAL	Cartesian	8.41272	3.65	3.00262	No	8.41272	3.65	3.00262
215	GLOBAL	Cartesian	53.9465	0.2	4.14262	No	53.9465	0.2	4.14262	320	GLOBAL	Cartesian	7.23272	3.65	3.00262	No	7.23272	3.65	3.00262
216	GLOBAL	Cartesian	53.92268	-0.2	4.14262	No	53.92268	-0.2	4.14262	321	GLOBAL	Cartesian	6.97272	1.853E-10	5.24262	No	6.97272	1.853E-10	5.24262
217	GLOBAL	Cartesian	53.92268	-0.2	4.14262	No	53.92268	-0.2	4.14262	322	GLOBAL	Cartesian	8.41272	1.853E-10	5.24262	No	8.41272	1.853E-10	5.24262
218	GLOBAL	Cartesian	53.92268	-0.2	4.14262	No	53.92268	-0.2	4.14262	323	GLOBAL	Cartesian	7.23272	3.00262	3.00262	No	7.23272	3.00262	3.00262
219	GLOBAL	Cartesian	53.92268	4.35852	4.14262	No	53.92268	4.35852	4.14262	324	GLOBAL	Cartesian	7.23272	4.35852	3.00262	No	7.23272	4.35852	3.00262
220	GLOBAL	Cartesian	53.92268	5.20983	4.14262	No	53.92268	5.20983	4.14262	325	GLOBAL	Cartesian	6.97272	-0.2	5.78012	No	6.97272	-0.2	5.78012
221	GLOBAL	Cartesian	54.59465	-1.54878	4.14262	No	54.59465	-1.54878	4.14262	326	GLOBAL	Cartesian	6.97272	1.853E-10	6.31762	No	6.97272	1.853E-10	6.31762
222	GLOBAL	Cartesian	54.59465	-1.54878	4.14262	No	54.59465	-1.54878	4.14262	327	GLOBAL	Cartesian	6.97272	5.20983	3.00262	No	6.97272	5.20983	3.00262
223	GLOBAL	Cartesian	54.59465	-1.54878	4.14262	No	54.59465	-1.54878	4.14262	328	GLOBAL	Cartesian	7.23272	5.20983	3.00262	No	7.23272	5.20983	3.00262
224	GLOBAL	Cartesian	54.59465	1.40552	4.14262	No	54.59465	1.40552	4.14262	329	GLOBAL	Cartesian	6.97272	6.31762	6.97272	No	6.97272	6.31762	6.97272
225	GLOBAL	Cartesian	54.59465	4.35852	4.14262	No	54.59465	4.35852	4.14262	330	GLOBAL	Cartesian	6.97272	1.853E-10	6.85512	No	6.97272	1.853E-10	6.85512
226	GLOBAL	Cartesian	57.9465	-1.54878	4.14262	No	57.9465	-1.54878	4.14262	331	GLOBAL	Cartesian	6.97272	-0.2	6.85512	No	6.97272	-0.2	6.85512
227	GLOBAL	Cartesian	57.9465	-1.54878	4.14262	No	57.9465	-1.54878	4.14262	332	GLOBAL	Cartesian	6.97272	0.70276	6.97272	No	6.97272	0.70276	6.97272
228	GLOBAL	Cartesian	57.9465	-1.54878	4.14262	No	57.9465	-1.54878	4.14262	333	GLOBAL	Cartesian	6.97272	0.70276	4.16762	No	6.97272	0.70276	4.16762
229	GLOBAL	Cartesian	57.9465	-1.54878	4.14262	No	57.9465	-1.54878	4.14262	334	GLOBAL	Cartesian	6.97272	5.24262	5.24262	No	6.97272	5.24262	5.24262
230	GLOBAL	Cartesian	57.13465	1.40552	4.14262	No	57.13465	1.40552	4.14262	335	GLOBAL	Cartesian	6.97272	0.70276	5.24262	No	6.97272	0.70276	5.24262
231	GLOBAL	Cartesian	57.13465	4.35852	4.14262	No	57.13465	4.35852	4.14262	336	GLOBAL	Cartesian	6.97272	5.78012	6.97272	No	6.97272	5.78012	6.97272
232	GLOBAL	Cartesian	57.13465	4.35852	4.14262	No	57.13465	4.35852	4.14262	337	GLOBAL	Cartesian	6.97272	6.97272	6.31762	No	6.97272	6.97272	6.31762
233	GLOBAL	Cartesian	53.92268	5.20983	7.39262	No	53.92268	5.20983	7.39262	338	GLOBAL	Cartesian	6.97272	0.70276	6.85512	No	6.97272	0.70276	6.85512
234	GLOBAL	Cartesian	53.92268	-0.2	7.39262	No	53.92268	-0.2	7.39262	339	GLOBAL	Cartesian	6.97272	1.40552	6.85512	No	6.97272	1.40552	6.85512
235	GLOBAL	Cartesian	53.9465	-2.39878	4.14262	No	53.9465	-2.39878	4.14262	340	GLOBAL	Cartesian	6.97272	1.40552	4.16762	No	6.97272	1.40552	4.16762
236	GLOBAL	Cartesian	57.9465	-2.39878	4.14262	No	57.9465	-2.39878	4.14262	341	GLOBAL	Cartesian	6.97272	1.40552	4.70512	No	6.97272	1.40552	4.70512
237	GLOBAL	Cartesian	8.92272	5.20983	7.39262	No	8.92272	5.20983	7.39262	342	GLOBAL	Cartesian	6.97272	1.40552	5.24262	No	6.97272	1.40552	5.24262
238	GLOBAL	Cartesian	8.92272	-0.2	7.39262	No	8.92272	-0.2	7.39262	343	GLOBAL	Cartesian	6.97272	1.40552	5.78012	No	6.97272	1.40552	5.78012
239	GLOBAL	Cartesian	9.6075	-2.39878	3.00262	No	9.6075	-2.39878	3.00262	344	GLOBAL	Cartesian	6.97272	1.40552	6.31762	No	6.97272	1.40552	6.31762
240	GLOBAL	Cartesian	53.92268	-2.39878	3.00262	No	53.92268	-2.39878	3.00262	345	GLOBAL	Cartesian	6.97272	1.40552	6.85512	No	6.97272	1.40552	6.85512
241	GLOBAL	Cartesian	53.92268	3.65	4.14262	No	53.92268	3.65	4.14262	346	GLOBAL	Cartesian	6.97272	1.96664	3.63012	No	6.97272	1.96664	3.63012
242	GLOBAL	Cartesian	53.92268	0	4.14262	No	53.92268	0	4.14262	347	GLOBAL	Cartesian	6.97272	1.96664	4.16762	No	6.97272	1.96664	4.16762
243	GLOBAL	Cartesian	8.92272	3.65	3.00262	No	8.92272	3.65	3.00262	348	GLOBAL	Cartesian	6.97272	1.96664	4.70512	No	6.97272	1.96664	4.70512
244	GLOBAL	Cartesian	8.92272	0	3.00262	No	8.92272	0	3.00262	349	GLOBAL	Cartesian	6.97272	1.96664	5.24262	No	6.97272	1.96664	5.24262
245	GLOBAL	Cartesian	57.13465	4.35852	-9.85738	No	57.13465	4.35852	-9.85738	350	GLOBAL	Cartesian	6.97272	1.96664	5.78012	No	6.97272	1.96664	5.78012
246																			

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[illegible]

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[illegible]

5505	GLOBAL	Cartesian	36.67392	0	10.95187	No	36.67392	0	10.95187	No	5600	GLOBAL	Cartesian	43.89004	0	10.46934	No	42.89004	0	10.80934	No
5506	GLOBAL	Cartesian	36.67392	0	10.85138	No	36.67392	0	10.85138	No	5601	GLOBAL	Cartesian	42.89004	0	10.39038	No	42.89004	0	10.39038	No
5507	GLOBAL	Cartesian	36.86554	0	11.03405	No	36.86554	0	11.03405	No	5602	GLOBAL	Cartesian	42.89004	0	10.29887	No	42.89004	0	10.29887	No
5508	GLOBAL	Cartesian	36.86554	0	10.93356	No	36.86554	0	10.93356	No	5603	GLOBAL	Cartesian	42.86572	0	10.44254	No	42.86572	0	10.44254	No
5509	GLOBAL	Cartesian	37.05125	0	10.83308	No	37.05125	0	10.83308	No	5604	GLOBAL	Cartesian	42.86572	0	10.34025	No	42.86572	0	10.34025	No
5510	GLOBAL	Cartesian	37.05125	0	11.01574	No	37.05125	0	11.01574	No	5605	GLOBAL	Cartesian	42.86572	0	10.24157	No	42.86572	0	10.24157	No
5511	GLOBAL	Cartesian	37.05125	0	10.91525	No	37.05125	0	10.91525	No	5606	GLOBAL	Cartesian	43.0514	0	10.42423	No	43.0514	0	10.42423	No
5512	GLOBAL	Cartesian	37.05125	0	10.81477	No	37.05125	0	10.81477	No	5607	GLOBAL	Cartesian	43.0514	0	10.32375	No	43.0514	0	10.32375	No
5513	GLOBAL	Cartesian	37.23686	0	10.991743	No	37.23686	0	10.991743	No	5608	GLOBAL	Cartesian	43.0514	0	10.22326	No	43.0514	0	10.22326	No
5514	GLOBAL	Cartesian	37.23686	0	10.89685	No	37.23686	0	10.89685	No	5609	GLOBAL	Cartesian	43.2307	0	10.40593	No	43.2307	0	10.40593	No
5515	GLOBAL	Cartesian	37.23686	0	10.79646	No	37.23686	0	10.79646	No	5610	GLOBAL	Cartesian	43.2307	0	10.30584	No	43.2307	0	10.30584	No
5517	GLOBAL	Cartesian	37.42288	0	10.87864	No	37.42288	0	10.87864	No	5612	GLOBAL	Cartesian	43.42275	0	10.39702	No	43.42275	0	10.39702	No
5518	GLOBAL	Cartesian	37.42288	0	10.77815	No	37.42288	0	10.77815	No	5613	GLOBAL	Cartesian	43.42275	0	10.28714	No	43.42275	0	10.28714	No
5519	GLOBAL	Cartesian	37.60839	0	10.96082	No	37.60839	0	10.96082	No	5614	GLOBAL	Cartesian	43.42275	0	10.18665	No	43.42275	0	10.18665	No
5520	GLOBAL	Cartesian	37.60839	0	10.86033	No	37.60839	0	10.86033	No	5615	GLOBAL	Cartesian	43.60942	0	10.36932	No	43.60942	0	10.36932	No
5521	GLOBAL	Cartesian	37.60839	0	10.75985	No	37.60839	0	10.75985	No	5616	GLOBAL	Cartesian	43.60942	0	10.26883	No	43.60942	0	10.26883	No
5522	GLOBAL	Cartesian	37.79411	0	10.94251	No	37.79411	0	10.94251	No	5617	GLOBAL	Cartesian	43.60942	0	10.16835	No	43.60942	0	10.16835	No
5523	GLOBAL	Cartesian	37.79411	0	10.84202	No	37.79411	0	10.84202	No	5618	GLOBAL	Cartesian	43.7941	0	10.35102	No	43.7941	0	10.35102	No
5524	GLOBAL	Cartesian	37.79411	0	10.74154	No	37.79411	0	10.74154	No	5619	GLOBAL	Cartesian	43.7941	0	10.25053	No	43.7941	0	10.25053	No
5525	GLOBAL	Cartesian	37.97982	0	10.9242	No	37.97982	0	10.9242	No	5620	GLOBAL	Cartesian	43.7941	0	10.15005	No	43.7941	0	10.15005	No
5526	GLOBAL	Cartesian	37.97982	0	10.82371	No	37.97982	0	10.82371	No	5621	GLOBAL	Cartesian	43.9798	0	10.33271	No	43.9798	0	10.33271	No
5527	GLOBAL	Cartesian	37.97982	0	10.72327	No	37.97982	0	10.72327	No	5622	GLOBAL	Cartesian	44.16545	0	10.42732	No	44.16545	0	10.42732	No
5528	GLOBAL	Cartesian	38.16554	0	10.95589	No	38.16554	0	10.95589	No	5623	GLOBAL	Cartesian	44.16545	0	10.31374	No	44.16545	0	10.31374	No
5529	GLOBAL	Cartesian	38.16554	0	10.85451	No	38.16554	0	10.85451	No	5624	GLOBAL	Cartesian	44.16545	0	10.21441	No	44.16545	0	10.21441	No
5530	GLOBAL	Cartesian	38.16554	0	10.70492	No	38.16554	0	10.70492	No	5625	GLOBAL	Cartesian	44.16545	0	10.21392	No	44.16545	0	10.21392	No
5531	GLOBAL	Cartesian	38.35125	0	10.89758	No	38.35125	0	10.89758	No	5626	GLOBAL	Cartesian	44.16545	0	10.11344	No	44.16545	0	10.11344	No
5532	GLOBAL	Cartesian	38.35125	0	10.7871	No	38.35125	0	10.7871	No	5627	GLOBAL	Cartesian	44.35113	0	10.16545	No	44.35113	0	10.16545	No
5533	GLOBAL	Cartesian	38.35125	0	10.6861	No	38.35125	0	10.6861	No	5628	GLOBAL	Cartesian	44.35113	0	10.19652	No	44.35113	0	10.19652	No
5534	GLOBAL	Cartesian	38.53686	0	10.86927	No	38.53686	0	10.86927	No	5630	GLOBAL	Cartesian	44.5368	0	10.2778	No	44.5368	0	10.2778	No
5535	GLOBAL	Cartesian	38.53686	0	10.76879	No	38.53686	0	10.76879	No	5631	GLOBAL	Cartesian	44.5368	0	10.17731	No	44.5368	0	10.17731	No
5537	GLOBAL	Cartesian	38.72268	0	10.9248	No	38.72268	0	10.9248	No	5633	GLOBAL	Cartesian	44.72268	0	10.15901	No	44.72268	0	10.15901	No
5538	GLOBAL	Cartesian	38.72268	0	10.84111	No	38.72268	0	10.84111	No	5634	GLOBAL	Cartesian	44.82268	0	10.24963	No	44.82268	0	10.24963	No
5539	GLOBAL	Cartesian	38.82268	0	10.74052	No	38.82268	0	10.74052	No	5635	GLOBAL	Cartesian	44.82268	0	10.14814	No	44.82268	0	10.14814	No
5540	GLOBAL	Cartesian	38.82268	0	10.63984	No	38.82268	0	10.63984	No	5636	GLOBAL	Cartesian	44.82268	0	10.04785	No	44.82268	0	10.04785	No
5541	GLOBAL	Cartesian	38.82268	0	10.53927	No	38.82268	0	10.53927	No	5637	GLOBAL	Cartesian	45.01778	0	10.13172	No	45.01778	0	10.13172	No
5542	GLOBAL	Cartesian	39.02323	0	10.82134	No	39.02323	0	10.82134	No	5638	GLOBAL	Cartesian	45.01778	0	10.03268	No	45.01778	0	10.03268	No
5543	GLOBAL	Cartesian	39.02323	0	10.72085	No	39.02323	0	10.72085	No	5639	GLOBAL	Cartesian	45.02268	0	10.13927	No	45.02268	0	10.13927	No
5544	GLOBAL	Cartesian	39.02323	0	10.62037	No	39.02323	0	10.62037	No	5640	GLOBAL	Cartesian	45.02268	0	10.2299	No	45.02268	0	10.2299	No
5545	GLOBAL	Cartesian	39.12377	0	10.71094	No	39.12377	0	10.71094	No	5641	GLOBAL	Cartesian	45.12268	0	10.02893	No	45.12268	0	10.02893	No
5546	GLOBAL	Cartesian	39.30039	0	10.78313	No	39.30039	0	10.78313	No	5642	GLOBAL	Cartesian	45.12268	0	10.11956	No	45.12268	0	10.11956	No
5547	GLOBAL	Cartesian	39.30039	0	10.69264	No	39.30039	0	10.69264	No	5643	GLOBAL	Cartesian	45.30038	0	10.20173	No	45.30038	0	10.20173	No
5548	GLOBAL	Cartesian	39.30039	0	10.59216	No	39.30039	0	10.59216	No	5644	GLOBAL	Cartesian	45.30038	0	10.10125	No	45.30038	0	10.10125	No
5549	GLOBAL	Cartesian	39.45602	0	10.77483	No	39.45602	0	10.77483	No	5645	GLOBAL	Cartesian	45.34908	0	10.00706	No	45.34908	0	10.00706	No
5550	GLOBAL	Cartesian	39.45602	0	10.67434	No	39.45602	0	10.67434	No	5646	GLOBAL	Cartesian	45.34908	0	10.88294	No	45.34908	0	10.88294	No
5551	GLOBAL	Cartesian	39.60834	0	10.95589	No	39.60834	0	10.95589	No	5647	GLOBAL	Cartesian	45.34908	0	10.78313	No	45.34908	0	10.78313	No
5552	GLOBAL	Cartesian	39.60834	0	10.75653	No	39.60834	0	10.75653	No	5648	GLOBAL	Cartesian	45.67978	0	10.16512	No	45.67978	0	10.16512	No
5553	GLOBAL	Cartesian	39.60834	0	10.65604	No	39.60834	0	10.65604	No	5649	GLOBAL	Cartesian	45.67978	0	10.06454	No	45.67978	0	10.06454	No
5554	GLOBAL	Cartesian	39.86626	0	10.93823	No	39.86626	0	10.93823	No	5650	GLOBAL	Cartesian	45.67978	0	9.96415	No	45.67978	0	9.96415	No
5555	GLOBAL	Cartesian	39.86626	0	10.73923	No	39.86626	0	10.73923	No	5651	GLOBAL	Cartesian	45.86548	0	10.14681	No	45.86548	0	10.14681	No
5556	GLOBAL	Cartesian	39.86626	0	10.63763	No	39.86626	0	10.63763	No	5652	GLOBAL	Cartesian	45.86548	0	9.86548	No	45.86548	0	9.86548	No
5557	GLOBAL	Cartesian	39.86626	0	10.53726	No	39.86626	0	10.53726	No	5653	GLOBAL	Cartesian	45.86548	0	9.76454	No	45.86548	0	9.76454	No
5558	GLOBAL	Cartesian	40.05188	0	10.71993	No	40.05188	0	10.71993	No	5654	GLOBAL	Cartesian	46.05118	0	10.12651	No	46.05118	0	10.12651	No
5559	GLOBAL	Cartesian	40.05188	0	10.61945	No	40.05188	0	10.61945	No	5655	GLOBAL	Cartesian	46.05118	0	10.02802	No	46.05118	0	10.02802	No
5560	GLOBAL	Cartesian	40.15188	0	10.51986	No	40.15188	0	10.51986	No	5656	GLOBAL	Cartesian	46.05118	0	9.92754	No	46.05118	0	9.92754	No
5561	GLOBAL	Cartesian	40.23125	0	10.70163	No	40.23125	0	10.70163	No	5657	GLOBAL	Cartesian	46.23068	0	10.01102	No	46.23068	0	10.01102	No
5562	GLOBAL	Cartesian	40.23125	0	10.60183	No	40.23125	0	10.60183	No	5658	GLOBAL	Cartesian	46.23068	0	9.91022	No	46.23068	0	9.91022	No
5563	GLOBAL	Cartesian	40.23125	0	10.50066	No	40.23125	0	10.50066	No	5659	GLOBAL	Cartesian	46.23068	0	9.80923	No	46.23068	0	9.80923	No
5564	GLOBAL	Cartesian	40.42312	0	10.86333	No	40.42312	0	10.86333	No	5660	GLOBAL	Cartesian	46.42258	0	10.09189	No	46.42258	0	10.09189	No
5565	GLOBAL	Cartesian	40.42312	0	10.58285	No	40.42312	0	10.58285	No	5661	GLOBAL	Cartesian	46.42258	0	9.99141	No	46.42258	0	9.99141	No
5566	GLOBAL	Cartesian	40.42312	0	10.48236	No	40.42312	0	10.48236	No	5662	GLOBAL	Cartesian	46.42258	0	9.89092	No	46.42258	0	9.89092	No
5567	GLOBAL	Cartesian	40.60874	0	10.86503	No	40.60874	0	10.86503	No	5663	GLOBAL	Cartesian	46.60828	0	10.07359	No	46.60828	0	10.07359	No
5568	GLOBAL	Cartesian	40.60874	0	10.54455	No	40.60874	0	10.54455	No	5664	GLOBAL	Cartesian	46.60828	0	9.97321	No	46.60828	0	9.97321	No
5569	GLOBAL	Cartesian	40.60874	0	10.46406	No	40.60874	0	10.46406	No	5665	GLOBAL	Cartesian	46.60828	0	9.87262	No	46.60828	0	9.87262	No

5697	GLOBAL	Cartesian	35.72721	0	9.7624	No	35.72721	0	9.7624	No	5792	GLOBAL	Cartesian	41.72268	0	9.21748	No	41.72268	0	9.21748	No
5698	GLOBAL	Cartesian	35.72722	0	9.56108	No	35.72722	0	9.56108	No	5793	GLOBAL	Cartesian	41.82268	0	9.01941	No	41.82268	0	9.01941	No
5699	GLOBAL	Cartesian	35.8227	0	9.36466	No	35.8227	0	9.36466	No	5794	GLOBAL	Cartesian	41.92268	0	9.02371	No	41.92268	0	9.02371	No
5700	GLOBAL	Cartesian	35.72722	0	9.36796	No	35.72722	0	9.36796	No	5795	GLOBAL	Cartesian	41.72269	0	8.83504	No	41.72269	0	8.83504	No
5701	GLOBAL	Cartesian	35.8227	0	9.16828	No	35.8227	0	9.16828	No	5796	GLOBAL	Cartesian	41.8227	0	8.83504	No	41.8227	0	8.83504	No
5702	GLOBAL	Cartesian	35.72723	0	9.17073	No	35.72723	0	9.17073	No	5797	GLOBAL	Cartesian	42.12302	0	10.1285	No	42.12302	0	10.1285	No
5703	GLOBAL	Cartesian	35.82271	0	8.97185	No	35.82271	0	8.97185	No	5798	GLOBAL	Cartesian	42.02265	0	10.13758	No	42.02265	0	10.13758	No
5704	GLOBAL	Cartesian	35.82268	0	10.73044	No	35.82268	0	10.73044	No	5799	GLOBAL	Cartesian	42.12302	0	9.94222	No	42.12302	0	9.94222	No
5705	GLOBAL	Cartesian	35.82268	0	10.53486	No	35.82268	0	10.53486	No	5800	GLOBAL	Cartesian	42.02265	0	9.9505	No	42.02265	0	9.9505	No
5706	GLOBAL	Cartesian	35.82268	0	10.53486	No	35.82268	0	10.53486	No	5801	GLOBAL	Cartesian	42.12302	0	9.75594	No	42.12302	0	9.75594	No
5707	GLOBAL	Cartesian	35.82268	0	10.53486	No	35.82268	0	10.53486	No	5802	GLOBAL	Cartesian	42.02265	0	9.75594	No	42.02265	0	9.75594	No
5708	GLOBAL	Cartesian	35.82268	0	9.94181	No	35.82268	0	9.94181	No	5803	GLOBAL	Cartesian	42.02265	0	9.75594	No	42.02265	0	9.75594	No
5709	GLOBAL	Cartesian	35.82268	0	9.75253	No	35.82268	0	9.75253	No	5804	GLOBAL	Cartesian	42.12302	0	9.38337	No	42.12302	0	9.38337	No
5710	GLOBAL	Cartesian	35.82268	0	9.56565	No	35.82268	0	9.56565	No	5805	GLOBAL	Cartesian	42.02265	0	9.38927	No	42.02265	0	9.38927	No
5711	GLOBAL	Cartesian	35.82268	0	9.36136	No	35.82268	0	9.36136	No	5806	GLOBAL	Cartesian	42.12302	0	9.19709	No	42.12302	0	9.19709	No
5712	GLOBAL	Cartesian	35.82268	0	9.16578	No	35.82268	0	9.16578	No	5807	GLOBAL	Cartesian	42.12302	0	9.20219	No	42.12302	0	9.20219	No
5713	GLOBAL	Cartesian	35.82268	0	10.72141	No	35.82268	0	10.72141	No	5808	GLOBAL	Cartesian	42.12302	0	9.01708	No	42.12302	0	9.01708	No
5714	GLOBAL	Cartesian	35.82268	0	10.52664	No	35.82268	0	10.52664	No	5809	GLOBAL	Cartesian	42.12302	0	9.01511	No	42.12302	0	9.01511	No
5715	GLOBAL	Cartesian	35.82268	0	10.33188	No	35.82268	0	10.33188	No	5810	GLOBAL	Cartesian	42.02265	0	8.82933	No	42.02265	0	8.82933	No
5716	GLOBAL	Cartesian	35.82268	0	10.13712	No	35.82268	0	10.13712	No	5811	GLOBAL	Cartesian	42.02265	0	9.85055	No	42.02265	0	9.85055	No
5717	GLOBAL	Cartesian	35.82268	0	9.94235	No	35.82268	0	9.94235	No	5812	GLOBAL	Cartesian	44.82268	0	9.85864	No	44.82268	0	9.85864	No
5718	GLOBAL	Cartesian	35.82268	0	9.55283	No	35.82268	0	9.55283	No	5813	GLOBAL	Cartesian	44.82268	0	9.67933	No	44.82268	0	9.67933	No
5719	GLOBAL	Cartesian	35.82268	0	9.35807	No	35.82268	0	9.35807	No	5814	GLOBAL	Cartesian	44.82268	0	9.67933	No	44.82268	0	9.67933	No
5720	GLOBAL	Cartesian	35.82268	0	9.35807	No	35.82268	0	9.35807	No	5815	GLOBAL	Cartesian	44.82268	0	9.67933	No	44.82268	0	9.67933	No
5721	GLOBAL	Cartesian	35.82268	0	8.96854	No	35.82268	0	8.96854	No	5816	GLOBAL	Cartesian	44.82268	0	9.48162	No	44.82268	0	9.48162	No
5722	GLOBAL	Cartesian	35.82268	0	8.96854	No	35.82268	0	8.96854	No	5817	GLOBAL	Cartesian	44.82268	0	9.48162	No	44.82268	0	9.48162	No
5723	GLOBAL	Cartesian	35.82268	0	8.96854	No	35.82268	0	8.96854	No	5818	GLOBAL	Cartesian	44.82268	0	9.48162	No	44.82268	0	9.48162	No
5724	GLOBAL	Cartesian	35.82268	0	10.71237	No	35.82268	0	10.71237	No	5819	GLOBAL	Cartesian	44.82268	0	9.48162	No	44.82268	0	9.48162	No
5725	GLOBAL	Cartesian	35.82268	0	10.51843	No	35.82268	0	10.51843	No	5820	GLOBAL	Cartesian	44.82268	0	9.48162	No	44.82268	0	9.48162	No
5726	GLOBAL	Cartesian	35.82268	0	10.32448	No	35.82268	0	10.32448	No	5821	GLOBAL	Cartesian	44.82268	0	9.28584	No	44.82268	0	9.28584	No
5727	GLOBAL	Cartesian	35.82268	0	10.13054	No	35.82268	0	10.13054	No	5822	GLOBAL	Cartesian	44.82268	0	9.28584	No	44.82268	0	9.28584	No
5728	GLOBAL	Cartesian	35.82268	0	9.9366	No	35.82268	0	9.9366	No	5823	GLOBAL	Cartesian	44.72248	0	9.28537	No	44.72248	0	9.28537	No
5729	GLOBAL	Cartesian	35.82268	0	9.74265	No	35.82268	0	9.74265	No	5824	GLOBAL	Cartesian	44.82268	0	9.10978	No	44.82268	0	9.10978	No
5730	GLOBAL	Cartesian	35.82268	0	9.54671	No	35.82268	0	9.54671	No	5825	GLOBAL	Cartesian	44.82268	0	9.10959	No	44.82268	0	9.10959	No
5731	GLOBAL	Cartesian	35.82268	0	9.34871	No	35.82268	0	9.34871	No	5826	GLOBAL	Cartesian	44.82268	0	9.10959	No	44.82268	0	9.10959	No
5732	GLOBAL	Cartesian	35.82268	0	9.16833	No	35.82268	0	9.16833	No	5827	GLOBAL	Cartesian	44.82268	0	8.91458	No	44.82268	0	8.91458	No
5733	GLOBAL	Cartesian	35.82268	0	10.43964	No	35.82268	0	10.43964	No	5828	GLOBAL	Cartesian	44.82268	0	8.91458	No	44.82268	0	8.91458	No
5734	GLOBAL	Cartesian	35.82268	0	10.43964	No	35.82268	0	10.43964	No	5829	GLOBAL	Cartesian	44.72248	0	8.91979	No	44.72248	0	8.91979	No
5735	GLOBAL	Cartesian	35.82268	0	10.43964	No	35.82268	0	10.43964	No	5830	GLOBAL	Cartesian	44.82268	0	8.72556	No	44.82268	0	8.72556	No
5736	GLOBAL	Cartesian	35.82268	0	10.24901	No	35.82268	0	10.24901	No	5831	GLOBAL	Cartesian	45.12268	0	9.83239	No	45.12268	0	9.83239	No
5737	GLOBAL	Cartesian	35.82268	0	10.25725	No	35.82268	0	10.25725	No	5832	GLOBAL	Cartesian	45.02268	0	9.83239	No	45.02268	0	9.83239	No
5738	GLOBAL	Cartesian	35.82268	0	10.26549	No	35.82268	0	10.26549	No	5833	GLOBAL	Cartesian	45.12268	0	9.84147	No	45.12268	0	9.84147	No
5739	GLOBAL	Cartesian	35.82268	0	10.05837	No	35.82268	0	10.05837	No	5834	GLOBAL	Cartesian	45.02268	0	9.6457	No	45.02268	0	9.6457	No
5740	GLOBAL	Cartesian	35.82268	0	10.0658	No	35.82268	0	10.0658	No	5835	GLOBAL	Cartesian	45.02268	0	9.65401	No	45.02268	0	9.65401	No
5741	GLOBAL	Cartesian	35.82268	0	10.07324	No	35.82268	0	10.07324	No	5836	GLOBAL	Cartesian	45.02268	0	9.46502	No	45.02268	0	9.46502	No
5742	GLOBAL	Cartesian	35.82268	0	9.8673	No	35.82268	0	9.8673	No	5837	GLOBAL	Cartesian	45.12268	0	9.27233	No	45.12268	0	9.27233	No
5743	GLOBAL	Cartesian	35.82268	0	9.68908	No	35.82268	0	9.68908	No	5838	GLOBAL	Cartesian	45.02268	0	9.27233	No	45.02268	0	9.27233	No
5744	GLOBAL	Cartesian	35.82268	0	9.68908	No	35.82268	0	9.68908	No	5839	GLOBAL	Cartesian	45.12268	0	9.08565	No	45.12268	0	9.08565	No
5745	GLOBAL	Cartesian	35.82268	0	9.6771	No	35.82268	0	9.6771	No	5840	GLOBAL	Cartesian	45.02268	0	9.08163	No	45.02268	0	9.08163	No
5746	GLOBAL	Cartesian	35.82268	0	9.68291	No	35.82268	0	9.68291	No	5841	GLOBAL	Cartesian	45.12268	0	8.88986	No	45.12268	0	8.88986	No
5747	GLOBAL	Cartesian	35.82268	0	9.68873	No	35.82268	0	9.68873	No	5842	GLOBAL	Cartesian	45.02268	0	8.90416	No	45.02268	0	8.90416	No
5748	GLOBAL	Cartesian	35.82268	0	9.48646	No	35.82268	0	9.48646	No	5843	GLOBAL	Cartesian	45.12268	0	8.167	No	45.12268	0	8.167	No
5749	GLOBAL	Cartesian	35.82268	0	9.49147	No	35.82268	0	9.49147	No	5844	GLOBAL	Cartesian	47.82268	0	47.82268	0	47.82268	0	47.82268	0
5750	GLOBAL	Cartesian	35.82268	0	9.4647	No	35.82268	0	9.4647	No	5845	GLOBAL	Cartesian	47.82268	0	9.55919	No	47.82268	0	9.55919	No
5751	GLOBAL	Cartesian	35.82268	0	9.29583	No	35.82268	0	9.29583	No	5846	GLOBAL	Cartesian	47.82268	0	9.35736	No	47.82268	0	9.35736	No
5752	GLOBAL	Cartesian	35.82268	0	9.30002	No	35.82268	0	9.30002	No	5847	GLOBAL	Cartesian	47.82268	0	9.3547	No	47.82268	0	9.3547	No
5753	GLOBAL	Cartesian	35.82268	0	9.30422	No	35.82268	0	9.30422	No	5848	GLOBAL	Cartesian	47.82268	0	9.3547	No	47.82268	0	9.3547	No
5754	GLOBAL	Cartesian	35.82268	0	9.30422	No	35.82268	0	9.30422	No	5849	GLOBAL	Cartesian	47.82268	0	9.3547	No	47.82268	0	9.3547	No
5755	GLOBAL	Cartesian	35.82268	0	9.10858	No	35.82268	0	9.10858	No	5850	GLOBAL	Cartesian	47.82268	0	9.3547	No	47.82268	0	9.3547	No
5756	GLOBAL	Cartesian	35.82268	0	9.11197	No	35.82268	0	9.11197	No	5851	GLOBAL	Cartesian	47.82268	0	9.17175	No	47.82268	0	9.17175	No
5757	GLOBAL	Cartesian	35.82268	0	9.87173	No	35.82268	0	9.87173	No	5852	GLOBAL	Cartesian	47.72248	0	9.17789	No	47.72248	0	9.17789	No
5758	GLOBAL	Cartesian	35.82268	0	10.42145	No	35.82268	0	10.42145	No	5853	GLOBAL	Cartesian	47.82268	0	8.97167	No	47.82268	0	8.97167	No
5759	GLOBAL	Cartesian	35.82268	0	10.42145	No	35.82268	0	10.42145	No	5854	GLOBAL	Cartesian	47.82268	0	8.97167	No	47.82268	0	8.97167	No
5760	GLOBAL	Cartesian	35.82268	0	10.43055	No	35.82268	0	10.43055	No	5855	GLOBAL	Cartesian	47.82268	0	8.97033	No	47.82268	0	8.97033	No
5761	GLOBAL	Cartesian	35.82268	0	10.232																

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6447	GLOBAL	Cartesian	40.71292	9.81226	No	40.71292	9.81226	0	9.85736	44.19629	0	9.85678	44.19629	0	9.85678
6448	GLOBAL	Cartesian	40.83038	9.76659	No	40.83038	9.76659	0	9.94817	44.2745	0	9.94817	44.2745	0	9.94817
6449	GLOBAL	Cartesian	40.84913	9.72088	No	40.84913	9.72088	0	9.90057	44.35272	0	9.90057	44.35272	0	9.90057
6450	GLOBAL	Cartesian	40.87321	9.67521	No	40.87321	9.67521	0	9.85294	44.43094	0	9.85294	44.43094	0	9.85294
6451	GLOBAL	Cartesian	40.75776	9.86335	No	40.75776	9.86335	0	9.80539	44.50915	0	9.80539	44.50915	0	9.80539
6452	GLOBAL	Cartesian	40.86792	9.81313	No	40.86792	9.81313	0	9.75779	44.58737	0	9.75779	44.58737	0	9.75779
6453	GLOBAL	Cartesian	40.97808	9.86292	No	40.97808	9.86292	0	9.94374	44.66974	0	9.94374	44.66974	0	9.94374
6454	GLOBAL	Cartesian	40.88251	9.81271	No	40.88251	9.81271	0	9.99123	44.75193	0	9.99123	44.75193	0	9.99123
6455	GLOBAL	Cartesian	41.19845	9.76248	No	41.19845	9.76248	0	9.94016	44.83411	0	9.94016	44.83411	0	9.94016
6456	GLOBAL	Cartesian	40.82116	10.08711	No	40.82116	10.08711	0	9.88809	44.91618	0	9.88809	44.91618	0	9.88809
6457	GLOBAL	Cartesian	41.10222	9.90452	No	41.10222	9.90452	0	9.79039	45.00014	0	9.79039	45.00014	0	9.79039
6458	GLOBAL	Cartesian	41.22728	9.84078	No	41.22728	9.84078	0	9.77341	45.08483	0	9.77341	45.08483	0	9.77341
6459	GLOBAL	Cartesian	41.32942	9.84078	No	41.32942	9.84078	0	8.76206	45.16717	0	8.76206	45.16717	0	8.76206
6460	GLOBAL	Cartesian	41.09466	10.11487	No	41.09466	10.11487	0	8.75072	46.00052	0	8.75072	46.00052	0	8.75072
6461	GLOBAL	Cartesian	41.17853	10.11487	No	41.17853	10.11487	0	8.73937	46.18386	0	8.73937	46.18386	0	8.73937
6462	GLOBAL	Cartesian	41.2725	10.0556	No	41.2725	10.0556	0	8.87991	46.26957	0	8.87991	46.26957	0	8.87991
6463	GLOBAL	Cartesian	41.36647	9.99633	No	41.36647	9.99633	0	8.86548	46.35169	0	8.86548	46.35169	0	8.86548
6464	GLOBAL	Cartesian	41.46044	9.93706	No	41.46044	9.93706	0	8.85106	46.43411	0	8.85106	46.43411	0	8.85106
6465	GLOBAL	Cartesian	41.24795	10.27954	No	41.24795	10.27954	0	8.83663	46.51788	0	8.83663	46.51788	0	8.83663
6466	GLOBAL	Cartesian	41.33883	10.21574	No	41.33883	10.21574	0	8.82221	46.60198	0	8.82221	46.60198	0	8.82221
6467	GLOBAL	Cartesian	41.41971	10.15195	No	41.41971	10.15195	0	8.80778	46.68726	0	8.80778	46.68726	0	8.80778
6468	GLOBAL	Cartesian	41.50148	10.02435	No	41.50148	10.02435	0	8.79318	46.77341	0	8.79318	46.77341	0	8.79318
6469	GLOBAL	Cartesian	41.58196	10.31681	No	41.58196	10.31681	0	8.82927	46.85975	0	8.82927	46.85975	0	8.82927
6470	GLOBAL	Cartesian	41.48913	10.24823	No	41.48913	10.24823	0	8.81121	46.94675	0	8.81121	46.94675	0	8.81121
6471	GLOBAL	Cartesian	41.56891	10.17996	No	41.56891	10.17996	0	8.8937	47.03411	0	8.8937	47.03411	0	8.8937
6472	GLOBAL	Cartesian	41.64469	8.82212	No	41.64469	8.82212	0	8.87619	47.12195	0	8.87619	47.12195	0	8.87619
6473	GLOBAL	Cartesian	42.29579	42.28719	No	42.29579	42.28719	0	8.87619	47.20957	0	8.87619	47.20957	0	8.87619
6474	GLOBAL	Cartesian	42.9579	42.5896	No	42.9579	42.5896	0	8.87619	47.29724	0	8.87619	47.29724	0	8.87619
6475	GLOBAL	Cartesian	42.45686	42.61792	No	42.45686	42.61792	0	8.87619	47.38471	0	8.87619	47.38471	0	8.87619
6476	GLOBAL	Cartesian	42.81792	8.89398	No	42.81792	8.89398	0	8.85037	47.47243	0	8.85037	47.47243	0	8.85037
6477	GLOBAL	Cartesian	42.77869	8.89398	No	42.77869	8.89398	0	8.85037	47.56019	0	8.85037	47.56019	0	8.85037
6478	GLOBAL	Cartesian	42.84006	8.89398	No	42.84006	8.89398	0	8.85037	47.64793	0	8.85037	47.64793	0	8.85037
6479	GLOBAL	Cartesian	43.10713	8.87522	No	43.10713	8.87522	0	8.86578	47.73568	0	8.86578	47.73568	0	8.86578
6480	GLOBAL	Cartesian	42.68356	8.87522	No	42.68356	8.87522	0	8.86578	47.82342	0	8.86578	47.82342	0	8.86578
6481	GLOBAL	Cartesian	42.77563	8.89402	No	42.77563	8.89402	0	8.87619	47.91118	0	8.87619	47.91118	0	8.87619
6482	GLOBAL	Cartesian	42.77563	8.89402	No	42.77563	8.89402	0	8.87619	48.00002	0	8.87619	48.00002	0	8.87619
6483	GLOBAL	Cartesian	42.82917	8.88116	No	42.82917	8.88116	0	8.89398	48.08875	0	8.89398	48.08875	0	8.89398
6484	GLOBAL	Cartesian	43.0827	8.96831	No	43.0827	8.96831	0	8.90402	48.17649	0	8.90402	48.17649	0	8.90402
6485	GLOBAL	Cartesian	43.23624	8.96545	No	43.23624	8.96545	0	8.90402	48.26423	0	8.90402	48.26423	0	8.90402
6486	GLOBAL	Cartesian	42.84133	8.95545	No	42.84133	8.95545	0	8.90402	48.35198	0	8.90402	48.35198	0	8.90402
6487	GLOBAL	Cartesian	42.84133	8.95545	No	42.84133	8.95545	0	8.90402	48.43973	0	8.90402	48.43973	0	8.90402
6488	GLOBAL	Cartesian	42.87834	8.91733	No	42.87834	8.91733	0	8.90402	48.52748	0	8.90402	48.52748	0	8.90402
6489	GLOBAL	Cartesian	42.83334	9.101	No	42.83334	9.101	0	8.91843	48.61523	0	8.91843	48.61523	0	8.91843
6490	GLOBAL	Cartesian	43.07935	9.08467	No	43.07935	9.08467	0	8.93499	48.70298	0	8.93499	48.70298	0	8.93499
6491	GLOBAL	Cartesian	43.22535	9.05824	No	43.22535	9.05824	0	8.94994	48.79073	0	8.94994	48.79073	0	8.94994
6492	GLOBAL	Cartesian	43.31735	9.03589	No	43.31735	9.03589	0	8.96489	48.87848	0	8.96489	48.87848	0	8.96489
6493	GLOBAL	Cartesian	43.41135	9.01313	No	43.41135	9.01313	0	8.97984	48.96623	0	8.97984	48.96623	0	8.97984
6494	GLOBAL	Cartesian	43.50535	9.19513	No	43.50535	9.19513	0	8.99479	49.05398	0	8.99479	49.05398	0	8.99479
6495	GLOBAL	Cartesian	43.59935	9.17533	No	43.59935	9.17533	0	9.00974	49.14173	0	9.00974	49.14173	0	9.00974
6496	GLOBAL	Cartesian	43.69335	9.15553	No	43.69335	9.15553	0	9.02469	49.22948	0	9.02469	49.22948	0	9.02469
6497	GLOBAL	Cartesian	43.78739	9.13572	No	43.78739	9.13572	0	9.03964	49.31723	0	9.03964	49.31723	0	9.03964
6498	GLOBAL	Cartesian	43.88139	9.11592	No	43.88139	9.11592	0	9.05459	49.40498	0	9.05459	49.40498	0	9.05459
6499	GLOBAL	Cartesian	43.97539	9.09514	No	43.97539	9.09514	0	9.06954	49.49273	0	9.06954	49.49273	0	9.06954
6500	GLOBAL	Cartesian	43.11792	9.31254	No	43.11792	9.31254	0	9.08449	49.58048	0	9.08449	49.58048	0	9.08449
6501	GLOBAL	Cartesian	43.24876	9.28926	No	43.24876	9.28926	0	9.09944	49.66823	0	9.09944	49.66823	0	9.09944
6502	GLOBAL	Cartesian	43.3797	9.26271	No	43.3797	9.26271	0	9.11439	49.75598	0	9.11439	49.75598	0	9.11439
6503	GLOBAL	Cartesian	43.51064	9.23541	No	43.51064	9.23541	0	9.12934	49.84373	0	9.12934	49.84373	0	9.12934
6504	GLOBAL	Cartesian	43.64151	9.20811	No	43.64151	9.20811	0	9.14429	49.93148	0	9.14429	49.93148	0	9.14429
6505	GLOBAL	Cartesian	43.77236	9.18081	No	43.77236	9.18081	0	9.15924	50.01923	0	9.15924	50.01923	0	9.15924
6506	GLOBAL	Cartesian	43.90321	9.15351	No	43.90321	9.15351	0	9.17419	50.10698	0	9.17419	50.10698	0	9.17419
6507	GLOBAL	Cartesian	44.03406	9.12621	No	44.03406	9.12621	0	9.18914	50.19473	0	9.18914	50.19473	0	9.18914
6508	GLOBAL	Cartesian	44.16491	9.09891	No	44.16491	9.09891	0	9.20409	50.28248	0	9.20409	50.28248	0	9.20409
6509	GLOBAL	Cartesian	44.29576	9.07161	No	44.29576	9.07161	0	9.21904	50.37023	0	9.21904	50.37023	0	9.21904
6510	GLOBAL	Cartesian	44.42661	9.04431	No	44.42661	9.04431	0	9.23399	50.45798	0	9.23399	50.45798	0	9.23399
6511	GLOBAL	Cartesian	44.55746	9.01701	No	44.55746	9.01701	0	9.24894	50.54573	0	9.24894	50.54573	0	9.24894
6512	GLOBAL	Cartesian	44.68831	9.00002	No	44.68831	9.00002	0	9.26389	50.63348	0	9.26389	50.63348	0	9.26389
6513	GLOBAL	Cartesian	44.81916	9.00002	No	44.81916	9.00002	0	9.27884	50.72123	0	9.27884	50.72123	0	9.27884
6514	GLOBAL	Cartesian	44.95001	9.00002	No	44.95001	9.00002	0	9.29379	50.80898	0	9.29379	50.80898	0	9.29379
6515	GLOBAL	Cartesian	45.08086	9.00002	No	45.08086	9.00002	0	9.30874	50.89673	0	9.30874	50.89673	0	9.30874
6516	GLOBAL	Cartesian	45.21171	9.00002	No	45.21171	9.00002	0	9.32369	50.98448	0	9.32369	50.98448	0	9.32369
6517	GLOBAL	Cartesian	45.34256	9.00002	No	45.34256	9.00002	0	9.33864	51.07223	0	9.33864	51.07223	0	9.33864
6518	GLOBAL	Cartesian	45.47341	9.00002	No	45.47341	9.00002	0	9.35359	51.15998	0	9.35359	51.15998	0	9.35359
6519	GLOBAL	Cartesian	45.60426	9.00002	No	45.60426	9.00002	0	9.36854	51.24773	0	9.36854	51.24773	0	9.36854
6520	GLOBAL	Cartesian	45.73511	9.00002	No	45.73511	9.00002	0	9.38349	51.33548	0	9.38349	51.33548	0	9.38349
6521	GLOBAL	Cartesian	45.86596	9.00002	No	45.86596	9.00002	0	9.39844	51.42323	0	9.39844	51.42323	0	9.39844
6522	GLOBAL	Cartesian	45.99681	9.00002	No	45.99681	9.00002	0	9.41339	51.51098	0	9.41339	51.51098	0	9.41339
6523	GLOBAL	Cartesian	46.12766	9.00002	No	46.12766	9.00002	0	9.42834	51.59873	0				

6636	GLOBAL	Cartesian	44.69358	0	9.91733	No	44.66358	0	9.91733	No	6736	GLOBAL	Cartesian	31.97515	0	8.82932	No	31.97515	0	8.82932	No
6638	GLOBAL	Cartesian	44.72248	0	9.98502	No	44.72248	0	9.98502	No	6737	GLOBAL	Cartesian	31.97543	0	9.00633	No	31.97543	0	9.00633	No
6639	GLOBAL	Cartesian	44.72248	0	9.91153	No	44.72248	0	9.91153	No	6738	GLOBAL	Cartesian	31.70909	0	8.82832	No	31.70909	0	8.82832	No
6641	GLOBAL	Cartesian	41.61877	0	10.28362	No	41.61877	0	10.28362	No	6739	GLOBAL	Cartesian	31.79165	0	9.00632	No	31.79165	0	9.00632	No
6643	GLOBAL	Cartesian	41.67062	0	10.19762	No	41.67062	0	10.19762	No	6740	GLOBAL	Cartesian	31.60884	0	8.82832	No	31.60884	0	8.82832	No
6645	GLOBAL	Cartesian	41.72247	0	10.27339	No	41.72247	0	10.27339	No	6741	GLOBAL	Cartesian	31.60726	0	9.00632	No	31.60726	0	9.00632	No
6646	GLOBAL	Cartesian	41.72247	0	10.19251	No	41.72247	0	10.19251	No	6742	GLOBAL	Cartesian	31.42268	0	8.82832	Yes	31.42268	0	8.82832	Yes
6647	GLOBAL	Cartesian	38.59517	0	10.66349	No	38.59517	0	10.66349	No	6743	GLOBAL	Cartesian	31.97397	0	8.64808	No	31.97397	0	8.64808	No
6648	GLOBAL	Cartesian	38.63141	0	10.56974	No	38.63141	0	10.56974	No	6744	GLOBAL	Cartesian	31.76014	0	8.64808	No	31.76014	0	8.64808	No
6650	GLOBAL	Cartesian	38.67704	0	10.47368	No	38.67704	0	10.47368	No	6745	GLOBAL	Cartesian	31.60641	0	8.64808	Yes	31.60641	0	8.64808	Yes
6652	GLOBAL	Cartesian	38.72268	0	10.56074	No	38.72268	0	10.56074	No	6746	GLOBAL	Cartesian	31.42268	0	8.64808	Yes	31.42268	0	8.64808	Yes
6653	GLOBAL	Cartesian	38.76834	0	10.47368	No	38.76834	0	10.47368	No	6747	GLOBAL	Cartesian	31.70909	0	8.64808	No	31.70909	0	8.64808	No
6654	GLOBAL	Cartesian	38.81411	0	11.23333	No	38.81411	0	11.23333	No	6748	GLOBAL	Cartesian	31.70928	0	8.64808	No	31.70928	0	8.64808	No
6655	GLOBAL	Cartesian	32.60167	0	11.15695	No	32.60167	0	11.15695	No	6749	GLOBAL	Cartesian	31.69598	0	8.46796	No	31.69598	0	8.46796	No
6657	GLOBAL	Cartesian	32.72268	0	11.07617	No	32.72268	0	11.07617	No	6750	GLOBAL	Cartesian	31.42268	0	8.46796	Yes	31.42268	0	8.46796	Yes
6658	GLOBAL	Cartesian	32.61717	0	11.25189	No	32.61717	0	11.25189	No	6751	GLOBAL	Cartesian	31.97131	0	8.28784	No	31.97131	0	8.28784	No
6659	GLOBAL	Cartesian	31.55105	0	10.36512	No	31.55105	0	10.36512	No	6752	GLOBAL	Cartesian	31.78843	0	8.28784	No	31.78843	0	8.28784	No
6660	GLOBAL	Cartesian	31.55105	0	10.27312	No	31.55105	0	10.27312	No	6753	GLOBAL	Cartesian	31.69586	0	8.28784	No	31.69586	0	8.28784	No
6661	GLOBAL	Cartesian	31.64789	0	10.154	No	31.64789	0	10.154	No	6754	GLOBAL	Cartesian	32.82268	0	8.82163	No	32.82268	0	8.82163	No
6662	GLOBAL	Cartesian	31.52035	0	10.18473	No	31.52035	0	10.18473	No	6755	GLOBAL	Cartesian	32.82268	0	8.82163	No	32.82268	0	8.82163	No
6663	GLOBAL	Cartesian	31.74192	0	10.06278	No	31.74192	0	10.06278	No	6756	GLOBAL	Cartesian	32.82268	0	8.64495	No	32.82268	0	8.64495	No
6664	GLOBAL	Cartesian	31.61802	0	10.08912	No	31.61802	0	10.08912	No	6757	GLOBAL	Cartesian	32.82268	0	8.64495	No	32.82268	0	8.64495	No
6665	GLOBAL	Cartesian	31.94167	0	10.39223	No	31.94167	0	10.39223	No	6758	GLOBAL	Cartesian	32.82268	0	8.64495	No	32.82268	0	8.64495	No
6667	GLOBAL	Cartesian	31.75243	0	10.29844	No	31.75243	0	10.29844	No	6759	GLOBAL	Cartesian	32.82268	0	8.64495	No	32.82268	0	8.64495	No
6668	GLOBAL	Cartesian	31.96744	0	10.29844	No	31.96744	0	10.29844	No	6760	GLOBAL	Cartesian	32.82268	0	8.28784	No	32.82268	0	8.28784	No
6669	GLOBAL	Cartesian	31.80779	0	10.20668	No	31.80779	0	10.20668	No	6761	GLOBAL	Cartesian	32.82268	0	8.28784	No	32.82268	0	8.28784	No
6670	GLOBAL	Cartesian	31.80797	0	10.6049	No	31.80797	0	10.6049	No	6762	GLOBAL	Cartesian	35.6227	0	8.79402	No	35.6227	0	8.79402	No
6671	GLOBAL	Cartesian	31.90297	0	10.51135	No	31.90297	0	10.51135	No	6763	GLOBAL	Cartesian	35.6227	0	8.61619	No	35.6227	0	8.61619	No
6672	GLOBAL	Cartesian	31.98814	0	10.4178	No	31.98814	0	10.4178	No	6764	GLOBAL	Cartesian	35.62269	0	8.43936	No	35.62269	0	8.43936	No
6673	GLOBAL	Cartesian	32.03331	0	10.32424	No	32.03331	0	10.32424	No	6765	GLOBAL	Cartesian	35.62269	0	8.26053	No	35.62269	0	8.26053	No
6674	GLOBAL	Cartesian	31.93617	0	10.7248	No	31.93617	0	10.7248	No	6766	GLOBAL	Cartesian	50.92268	0	8.54778	No	50.92268	0	8.54778	No
6675	GLOBAL	Cartesian	32.03061	0	10.63047	No	32.03061	0	10.63047	No	6767	GLOBAL	Cartesian	50.92268	0	8.26259	No	50.92268	0	8.26259	No
6676	GLOBAL	Cartesian	32.72485	0	10.53613	No	32.72485	0	10.53613	No	6768	GLOBAL	Cartesian	50.92268	0	8.26259	No	50.92268	0	8.26259	No
6678	GLOBAL	Cartesian	32.21919	0	10.4448	No	32.21919	0	10.4448	No	6769	GLOBAL	Cartesian	50.92268	0	8.07073	No	50.92268	0	8.07073	No
6679	GLOBAL	Cartesian	32.15804	0	10.46468	No	32.15804	0	10.46468	No	6770	GLOBAL	Cartesian	50.92268	0	8.26259	No	50.92268	0	8.26259	No
6678	GLOBAL	Cartesian	32.15804	0	10.74058	No	32.15804	0	10.74058	No	6771	GLOBAL	Cartesian	50.92268	0	8.64759	No	50.92268	0	8.64759	No
6679	GLOBAL	Cartesian	32.25155	0	10.65447	No	32.25155	0	10.65447	No	6772	GLOBAL	Cartesian	50.92268	0	8.78102	No	50.92268	0	8.78102	No
6680	GLOBAL	Cartesian	32.34506	0	10.55936	No	32.34506	0	10.55936	No	6773	GLOBAL	Cartesian	50.92268	0	8.61446	No	50.92268	0	8.61446	No
6681	GLOBAL	Cartesian	32.19291	0	10.86459	No	32.19291	0	10.86459	No	6774	GLOBAL	Cartesian	53.92268	0	8.11402	No	53.92268	0	8.11402	No
6682	GLOBAL	Cartesian	32.28558	0	10.8887	No	32.28558	0	10.8887	No	6775	GLOBAL	Cartesian	53.92268	0	7.91825	No	53.92268	0	7.91825	No
6683	GLOBAL	Cartesian	32.37826	0	10.77281	No	32.37826	0	10.77281	No	6776	GLOBAL	Cartesian	50.92268	0	7.892	No	50.92268	0	7.892	No
6684	GLOBAL	Cartesian	32.47093	0	10.67692	No	32.47093	0	10.67692	No	6777	GLOBAL	Cartesian	53.92268	0	9.25203	No	53.92268	0	9.25203	No
6685	GLOBAL	Cartesian	32.32128	0	11.08448	No	32.32128	0	11.08448	No	6778	GLOBAL	Cartesian	53.92268	0	9.01126	No	53.92268	0	9.01126	No
6686	GLOBAL	Cartesian	32.41312	0	10.8915	No	32.41312	0	10.8915	No	6779	GLOBAL	Cartesian	53.92268	0	8.87096	No	53.92268	0	8.87096	No
6687	GLOBAL	Cartesian	32.50486	0	11.08833	No	32.50486	0	11.08833	No	6780	GLOBAL	Cartesian	53.92268	0	8.73067	No	53.92268	0	8.73067	No
6688	GLOBAL	Cartesian	32.63167	0	11.09094	No	32.63167	0	11.09094	No	6781	GLOBAL	Cartesian	53.92268	0	8.52003	No	53.92268	0	8.52003	No
6689	GLOBAL	Cartesian	31.61802	0	9.88034	No	31.61802	0	9.88034	No	6782	GLOBAL	Cartesian	53.92268	0	8.45099	No	53.92268	0	8.45099	No
6690	GLOBAL	Cartesian	31.55291	0	10.00197	No	31.55291	0	10.00197	No	6783	GLOBAL	Cartesian	53.92268	0	7.72248	No	53.92268	0	7.72248	No
6691	GLOBAL	Cartesian	31.48779	0	10.00197	No	31.48779	0	10.00197	No	6784	GLOBAL	Cartesian	48.11018	0	9.92553	No	48.11018	0	9.92553	No
6692	GLOBAL	Cartesian	31.48779	0	10.12359	No	31.48779	0	10.12359	No	6785	GLOBAL	Cartesian	48.11018	0	9.82504	No	48.11018	0	9.82504	No
6693	GLOBAL	Cartesian	31.52035	0	9.78912	No	31.52035	0	9.78912	No	6786	GLOBAL	Cartesian	48.29768	0	9.92074	No	48.29768	0	9.92074	No
6694	GLOBAL	Cartesian	31.48779	0	9.94115	No	31.48779	0	9.94115	No	6787	GLOBAL	Cartesian	48.29768	0	9.80656	No	48.29768	0	9.80656	No
6695	GLOBAL	Cartesian	31.45524	0	10.09319	No	31.45524	0	10.09319	No	6788	GLOBAL	Cartesian	48.46518	0	9.88856	No	48.46518	0	9.88856	No
6696	GLOBAL	Cartesian	31.42268	0	9.88034	Yes	31.42268	0	9.88034	Yes	6789	GLOBAL	Cartesian	48.46518	0	9.78007	No	48.46518	0	9.78007	No
6698	GLOBAL	Cartesian	31.42268	0	10.06278	Yes	31.42268	0	10.06278	Yes	6790	GLOBAL	Cartesian	48.67268	0	9.78007	No	48.67268	0	9.78007	No
6699	GLOBAL	Cartesian	31.74008	0	9.75558	No	31.74008	0	9.75558	No	6791	GLOBAL	Cartesian	48.67268	0	9.78007	No	48.67268	0	9.78007	No
6700	GLOBAL	Cartesian	31.74008	0	9.75558	No	31.74008	0	9.75558	No	6792	GLOBAL	Cartesian	48.67268	0	9.75111	No	48.67268	0	9.75111	No
6701	GLOBAL	Cartesian	31.69882	0	9.67732	No	31.69882	0	9.67732	No	6793	GLOBAL	Cartesian	48.67268	0	9.83311	No	48.67268	0	9.83311	No
6702	GLOBAL	Cartesian	31.52816	0	9.59939	No	31.52816	0	9.59939	No	6794	GLOBAL	Cartesian	49.04768	0	9.73562	No	49.04768	0	9.73562	No
6703	GLOBAL	Cartesian	32.0034	0	9.69483	No	32.0034	0	9.69483	No	6795	GLOBAL	Cartesian	49.23518	0	9.73562	No	49.23518	0	9.73562	No
6704	GLOBAL	Cartesian	31.88015	0	9.63018	No	31.88015	0	9.63018	No	6796	GLOBAL	Cartesian	49.23518	0	9.81462	No	49.23518	0	9.81462	No
6705	GLOBAL	Cartesian	31.75689	0	9.56553	No	31.75689	0	9.56553	No	6797	GLOBAL	Cartesian	49.23518	0	9.71414	No	49.23518	0	9.71414	No
6706	GLOBAL	Cartesian	31.63363	0	9.50087	No	31.63363	0	9.50087	No	6798	GLOBAL	Cartesian	49.42268	0	9.78614	No	49.42268	0	9.78614	No
6707	GLOBAL	Cartesian	32.14726	0	9.55646	No	32.14726	0	9.55646	No	6799	GLOBAL	Cartesian	49.42268	0	9.69565	No	49.42268	0	9.6956	

6829	GLOBAL	Cartesian	48.11018	8.57725	No	48.11018	8.57725	0	6922	GLOBAL	Cartesian	48.67288	8.62041	No	48.67288	8.62041	0	8.62041
6830	GLOBAL	Cartesian	48.11018	8.56827	No	48.11018	8.56827	0	6923	GLOBAL	Cartesian	48.68018	8.61203	No	48.68018	8.61203	0	8.61203
6831	GLOBAL	Cartesian	48.29788	8.56827	No	48.29788	8.56827	0	6924	GLOBAL	Cartesian	49.04788	8.60018	No	49.04788	8.60018	0	8.60018
6832	GLOBAL	Cartesian	48.29788	8.56827	No	48.29788	8.56827	0	6925	GLOBAL	Cartesian	49.2518	8.58825	No	49.2518	8.58825	0	8.58825
6833	GLOBAL	Cartesian	48.46518	8.56009	No	48.46518	8.56009	0	6926	GLOBAL	Cartesian	49.42288	8.57535	No	49.42288	8.57535	0	8.57535
6834	GLOBAL	Cartesian	48.46518	8.56009	No	48.46518	8.56009	0	6927	GLOBAL	Cartesian	49.61018	8.56543	No	49.61018	8.56543	0	8.56543
6835	GLOBAL	Cartesian	48.67288	8.55146	No	48.67288	8.55146	0	6928	GLOBAL	Cartesian	49.79788	8.55252	No	49.79788	8.55252	0	8.55252
6836	GLOBAL	Cartesian	48.67288	8.55146	No	48.67288	8.55146	0	6929	GLOBAL	Cartesian	49.98518	8.5406	No	49.98518	8.5406	0	8.5406
6837	GLOBAL	Cartesian	48.67288	8.54283	No	48.67288	8.54283	0	6930	GLOBAL	Cartesian	50.17288	8.52868	No	50.17288	8.52868	0	8.52868
6838	GLOBAL	Cartesian	48.67288	8.53624	No	48.67288	8.53624	0	6931	GLOBAL	Cartesian	50.36018	8.51677	No	50.36018	8.51677	0	8.51677
6839	GLOBAL	Cartesian	48.67288	8.53542	No	48.67288	8.53542	0	6932	GLOBAL	Cartesian	50.54788	8.50465	No	50.54788	8.50465	0	8.50465
6840	GLOBAL	Cartesian	48.67288	8.53457	No	48.67288	8.53457	0	6933	GLOBAL	Cartesian	50.73518	8.49258	No	50.73518	8.49258	0	8.49258
6841	GLOBAL	Cartesian	48.67288	8.53363	No	48.67288	8.53363	0	6934	GLOBAL	Cartesian	50.92288	8.48018	No	50.92288	8.48018	0	8.48018
6842	GLOBAL	Cartesian	48.67288	8.53268	No	48.67288	8.53268	0	6935	GLOBAL	Cartesian	51.11018	8.46788	No	51.11018	8.46788	0	8.46788
6843	GLOBAL	Cartesian	48.67288	8.53173	No	48.67288	8.53173	0	6936	GLOBAL	Cartesian	51.29788	8.45518	No	51.29788	8.45518	0	8.45518
6844	GLOBAL	Cartesian	48.67288	8.53078	No	48.67288	8.53078	0	6937	GLOBAL	Cartesian	51.48518	8.44288	No	51.48518	8.44288	0	8.44288
6845	GLOBAL	Cartesian	48.67288	8.52983	No	48.67288	8.52983	0	6938	GLOBAL	Cartesian	51.67288	8.43018	No	51.67288	8.43018	0	8.43018
6846	GLOBAL	Cartesian	48.67288	8.52888	No	48.67288	8.52888	0	6939	GLOBAL	Cartesian	51.86018	8.41748	No	51.86018	8.41748	0	8.41748
6847	GLOBAL	Cartesian	48.67288	8.52793	No	48.67288	8.52793	0	6940	GLOBAL	Cartesian	52.04788	8.40478	No	52.04788	8.40478	0	8.40478
6848	GLOBAL	Cartesian	48.67288	8.52698	No	48.67288	8.52698	0	6941	GLOBAL	Cartesian	52.23518	8.39208	No	52.23518	8.39208	0	8.39208
6849	GLOBAL	Cartesian	48.67288	8.52603	No	48.67288	8.52603	0	6942	GLOBAL	Cartesian	52.42288	8.37938	No	52.42288	8.37938	0	8.37938
6850	GLOBAL	Cartesian	48.67288	8.52508	No	48.67288	8.52508	0	6943	GLOBAL	Cartesian	52.61018	8.36668	No	52.61018	8.36668	0	8.36668
6851	GLOBAL	Cartesian	48.67288	8.52413	No	48.67288	8.52413	0	6944	GLOBAL	Cartesian	52.79788	8.35398	No	52.79788	8.35398	0	8.35398
6852	GLOBAL	Cartesian	48.67288	8.52318	No	48.67288	8.52318	0	6945	GLOBAL	Cartesian	52.98518	8.34128	No	52.98518	8.34128	0	8.34128
6853	GLOBAL	Cartesian	48.67288	8.52223	No	48.67288	8.52223	0	6946	GLOBAL	Cartesian	53.17288	8.32858	No	53.17288	8.32858	0	8.32858
6854	GLOBAL	Cartesian	48.67288	8.52128	No	48.67288	8.52128	0	6947	GLOBAL	Cartesian	53.36018	8.31588	No	53.36018	8.31588	0	8.31588
6855	GLOBAL	Cartesian	48.67288	8.52033	No	48.67288	8.52033	0	6948	GLOBAL	Cartesian	53.54788	8.30318	No	53.54788	8.30318	0	8.30318
6856	GLOBAL	Cartesian	48.67288	8.51938	No	48.67288	8.51938	0	6949	GLOBAL	Cartesian	53.73518	8.29048	No	53.73518	8.29048	0	8.29048
6857	GLOBAL	Cartesian	48.67288	8.51843	No	48.67288	8.51843	0	6950	GLOBAL	Cartesian	53.92288	8.27778	No	53.92288	8.27778	0	8.27778
6858	GLOBAL	Cartesian	48.67288	8.51748	No	48.67288	8.51748	0	6951	GLOBAL	Cartesian	54.11018	8.26508	No	54.11018	8.26508	0	8.26508
6859	GLOBAL	Cartesian	48.67288	8.51653	No	48.67288	8.51653	0	6952	GLOBAL	Cartesian	54.29788	8.25238	No	54.29788	8.25238	0	8.25238
6860	GLOBAL	Cartesian	48.67288	8.51558	No	48.67288	8.51558	0	6953	GLOBAL	Cartesian	54.48518	8.23968	No	54.48518	8.23968	0	8.23968
6861	GLOBAL	Cartesian	48.67288	8.51463	No	48.67288	8.51463	0	6954	GLOBAL	Cartesian	54.67288	8.22698	No	54.67288	8.22698	0	8.22698
6862	GLOBAL	Cartesian	48.67288	8.51368	No	48.67288	8.51368	0	6955	GLOBAL	Cartesian	54.86018	8.21428	No	54.86018	8.21428	0	8.21428
6863	GLOBAL	Cartesian	48.67288	8.51273	No	48.67288	8.51273	0	6956	GLOBAL	Cartesian	55.04788	8.20158	No	55.04788	8.20158	0	8.20158
6864	GLOBAL	Cartesian	48.67288	8.51178	No	48.67288	8.51178	0	6957	GLOBAL	Cartesian	55.23518	8.18888	No	55.23518	8.18888	0	8.18888
6865	GLOBAL	Cartesian	48.67288	8.51083	No	48.67288	8.51083	0	6958	GLOBAL	Cartesian	55.42288	8.17618	No	55.42288	8.17618	0	8.17618
6866	GLOBAL	Cartesian	48.67288	8.50988	No	48.67288	8.50988	0	6959	GLOBAL	Cartesian	55.61018	8.16348	No	55.61018	8.16348	0	8.16348
6867	GLOBAL	Cartesian	48.67288	8.50893	No	48.67288	8.50893	0	6960	GLOBAL	Cartesian	55.79788	8.15078	No	55.79788	8.15078	0	8.15078
6868	GLOBAL	Cartesian	48.67288	8.50798	No	48.67288	8.50798	0	6961	GLOBAL	Cartesian	55.98518	8.13808	No	55.98518	8.13808	0	8.13808
6869	GLOBAL	Cartesian	48.67288	8.50703	No	48.67288	8.50703	0	6962	GLOBAL	Cartesian	56.17288	8.12538	No	56.17288	8.12538	0	8.12538
6870	GLOBAL	Cartesian	48.67288	8.50608	No	48.67288	8.50608	0	6963	GLOBAL	Cartesian	56.36018	8.11268	No	56.36018	8.11268	0	8.11268
6871	GLOBAL	Cartesian	48.67288	8.50513	No	48.67288	8.50513	0	6964	GLOBAL	Cartesian	56.54788	8.10000	No	56.54788	8.10000	0	8.10000
6872	GLOBAL	Cartesian	48.67288	8.50418	No	48.67288	8.50418	0	6965	GLOBAL	Cartesian	56.73518	8.08730	No	56.73518	8.08730	0	8.08730
6873	GLOBAL	Cartesian	48.67288	8.50323	No	48.67288	8.50323	0	6966	GLOBAL	Cartesian	56.92288	8.07460	No	56.92288	8.07460	0	8.07460
6874	GLOBAL	Cartesian	48.67288	8.50228	No	48.67288	8.50228	0	6967	GLOBAL	Cartesian	57.11018	8.06190	No	57.11018	8.06190	0	8.06190
6875	GLOBAL	Cartesian	48.67288	8.50133	No	48.67288	8.50133	0	6968	GLOBAL	Cartesian	57.29788	8.04920	No	57.29788	8.04920	0	8.04920
6876	GLOBAL	Cartesian	48.67288	8.50038	No	48.67288	8.50038	0	6969	GLOBAL	Cartesian	57.48518	8.03650	No	57.48518	8.03650	0	8.03650
6877	GLOBAL	Cartesian	48.67288	8.49943	No	48.67288	8.49943	0	6970	GLOBAL	Cartesian	57.67288	8.02380	No	57.67288	8.02380	0	8.02380
6878	GLOBAL	Cartesian	48.67288	8.49848	No	48.67288	8.49848	0	6971	GLOBAL	Cartesian	57.86018	8.01110	No	57.86018	8.01110	0	8.01110
6879	GLOBAL	Cartesian	48.67288	8.49753	No	48.67288	8.49753	0	6972	GLOBAL	Cartesian	58.04788	8.00000	No	58.04788	8.00000	0	8.00000
6880	GLOBAL	Cartesian	48.67288	8.49658	No	48.67288	8.49658	0	6973	GLOBAL	Cartesian	58.23518	8.00000	No	58.23518	8.00000	0	8.00000
6881	GLOBAL	Cartesian	48.67288	8.49563	No	48.67288	8.49563	0	6974	GLOBAL	Cartesian	58.42288	8.00000	No	58.42288	8.00000	0	8.00000
6882	GLOBAL	Cartesian	48.67288	8.49468	No	48.67288	8.49468	0	6975	GLOBAL	Cartesian	58.61018	8.00000	No	58.61018	8.00000	0	8.00000
6883	GLOBAL	Cartesian	48.67288	8.49373	No	48.67288	8.49373	0	6976	GLOBAL	Cartesian	58.79788	8.00000	No	58.79788	8.00000	0	8.00000
6884	GLOBAL	Cartesian	48.67288	8.49278	No	48.67288	8.49278	0	6977	GLOBAL	Cartesian	58.98518	8.00000	No	58.98518	8.00000	0	8.00000
6885	GLOBAL	Cartesian	48.67288	8.49183	No	48.67288	8.49183	0	6978	GLOBAL	Cartesian	59.17288	8.00000	No	59.17288	8.00000	0	8.00000
6886	GLOBAL	Cartesian	48.67288	8.49088	No	48.67288	8.49088	0	6979	GLOBAL	Cartesian	59.36018	8.00000	No	59.36018	8.00000	0	8.00000
6887	GLOBAL	Cartesian	48.67288	8.48993	No	48.67288	8.48993	0	6980	GLOBAL	Cartesian	59.54788	8.00000	No	59.54788	8.00000	0	8.00000
6888	GLOBAL	Cartesian	48.67288	8.48898	No	48.67288	8.48898	0	6981	GLOBAL	Cartesian	59.73518	8.00000	No	59.73518	8.00000	0	8.00000
6889	GLOBAL	Cartesian	48.67288	8.48803	No	48.67288	8.48803	0	6982	GLOBAL	Cartesian	59.92288	8.00000	No	59.92288	8.00000	0	8.00000
6890	GLOBAL	Cartesian	48.67288	8.48708	No	48.67288	8.48708	0	6983	GLOBAL	Cartesian	60.11018	8.00000	No	60.11018	8.00000	0	8.00000
6891	GLOBAL	Cartesian	48.67288	8.48613	No	48.67288	8.48613	0	6984	GLOBAL	Cartesian	60.29788	8.00000	No	60.29788	8.00000	0	8.00000
6892	GLOBAL	Cartesian	48.67288	8.48518	No	48.67288	8.48518	0	6985	GLOBAL	Cartesian	60.48518	8.00000	No	60.48518	8.00000	0	8.00000
6893	GLOBAL	Cartesian	48.67288	8.48423	No	48.67288	8.48423	0	6986	GLOBAL	Cartesian	60.67288	8.00000	No	60.67288	8.00000	0	8.00000
6894	GLOBAL	Cartesian	48.67288	8.48328	No	48.67288	8.48328	0	6987	GLOBAL	Cartesian	60.86018	8.00000	No	60.86018	8.00000	0	8.00000
6895	GLOBAL	Cartesian	48.67288	8.48233	No	48.67288	8.48233	0	6988	GLOBAL	Cartesian	61.04788	8.00000	No	61.04788	8.00000	0	8.00000
6896	GLOBAL	Cartesian	48.67288	8.48138	No	48.67288	8.48138	0	6989	GLOBAL	Cartesian	61.23518	8.00000	No	61.23518	8.00000	0	

7015	GLOBAL	Cartesian	52.25518	0	8.00771	No	52.23518	0	8.00771	No	7.108	GLOBAL	Cartesian	52.29788	0	8.81702	No	52.29788	0	8.81702	No
7016	GLOBAL	Cartesian	52.42288	0	7.99777	No	52.42288	0	7.99777	No	7.109	GLOBAL	Cartesian	52.42288	0	8.78984	No	52.42288	0	8.78984	No
7017	GLOBAL	Cartesian	52.61018	0	7.98783	No	52.61018	0	7.98783	No	7.110	GLOBAL	Cartesian	52.61018	0	8.78498	No	52.61018	0	8.78498	No
7018	GLOBAL	Cartesian	52.79788	0	7.97789	No	52.79788	0	7.97789	No	7.111	GLOBAL	Cartesian	52.79788	0	8.77134	No	52.79788	0	8.77134	No
7019	GLOBAL	Cartesian	52.86518	0	7.96795	No	52.86518	0	7.96795	No	7.112	GLOBAL	Cartesian	52.86518	0	8.75779	No	52.86518	0	8.75779	No
7020	GLOBAL	Cartesian	53.17268	0	7.95801	No	53.17268	0	7.95801	No	7.113	GLOBAL	Cartesian	53.17268	0	8.74423	No	53.17268	0	8.74423	No
7021	GLOBAL	Cartesian	53.36018	0	7.94807	No	53.36018	0	7.94807	No	7.114	GLOBAL	Cartesian	53.36018	0	8.73613	No	53.36018	0	8.73613	No
7022	GLOBAL	Cartesian	53.47618	0	7.93813	No	53.47618	0	7.93813	No	7.115	GLOBAL	Cartesian	53.47618	0	8.72919	No	53.47618	0	8.72919	No
7023	GLOBAL	Cartesian	53.73518	0	7.92819	No	53.73518	0	7.92819	No	7.116	GLOBAL	Cartesian	53.73518	0	8.74528	No	53.73518	0	8.74528	No
7024	GLOBAL	Cartesian	51.11018	0	9.62978	No	51.11018	0	9.62978	No	7.117	GLOBAL	Cartesian	51.11018	0	8.73336	No	51.11018	0	8.73336	No
7025	GLOBAL	Cartesian	51.11018	0	9.62978	No	51.11018	0	9.62978	No	7.118	GLOBAL	Cartesian	51.11018	0	8.72745	No	51.11018	0	8.72745	No
7026	GLOBAL	Cartesian	51.29788	0	9.51081	No	51.29788	0	9.51081	No	7.119	GLOBAL	Cartesian	51.29788	0	8.69782	No	51.29788	0	8.69782	No
7027	GLOBAL	Cartesian	51.48518	0	9.50281	No	51.48518	0	9.50281	No	7.120	GLOBAL	Cartesian	51.48518	0	8.6857	No	51.48518	0	8.6857	No
7028	GLOBAL	Cartesian	51.48518	0	9.49233	No	51.48518	0	9.49233	No	7.121	GLOBAL	Cartesian	51.48518	0	8.67379	No	51.48518	0	8.67379	No
7029	GLOBAL	Cartesian	51.67268	0	9.57433	No	51.67268	0	9.57433	No	7.122	GLOBAL	Cartesian	51.67268	0	8.66187	No	51.67268	0	8.66187	No
7030	GLOBAL	Cartesian	51.67268	0	9.47384	No	51.67268	0	9.47384	No	7.123	GLOBAL	Cartesian	51.67268	0	8.64955	No	51.67268	0	8.64955	No
7031	GLOBAL	Cartesian	51.67268	0	9.47384	No	51.67268	0	9.47384	No	7.124	GLOBAL	Cartesian	51.67268	0	8.63904	No	51.67268	0	8.63904	No
7032	GLOBAL	Cartesian	51.86018	0	9.55584	No	51.86018	0	9.55584	No	7.125	GLOBAL	Cartesian	51.86018	0	8.62612	No	51.86018	0	8.62612	No
7033	GLOBAL	Cartesian	51.86018	0	9.45536	No	51.86018	0	9.45536	No	7.126	GLOBAL	Cartesian	51.86018	0	8.61421	No	51.86018	0	8.61421	No
7034	GLOBAL	Cartesian	52.04768	0	9.53736	No	52.04768	0	9.53736	No	7.127	GLOBAL	Cartesian	52.04768	0	8.60229	No	52.04768	0	8.60229	No
7035	GLOBAL	Cartesian	52.04768	0	9.43687	No	52.04768	0	9.43687	No	7.128	GLOBAL	Cartesian	52.04768	0	8.59018	No	52.04768	0	8.59018	No
7036	GLOBAL	Cartesian	52.25518	0	9.52858	No	52.25518	0	9.52858	No	7.129	GLOBAL	Cartesian	52.25518	0	8.57826	No	52.25518	0	8.57826	No
7037	GLOBAL	Cartesian	52.25518	0	9.50033	No	52.25518	0	9.50033	No	7.130	GLOBAL	Cartesian	52.25518	0	8.56583	No	52.25518	0	8.56583	No
7038	GLOBAL	Cartesian	52.42288	0	9.39891	No	52.42288	0	9.39891	No	7.131	GLOBAL	Cartesian	52.42288	0	8.55336	No	52.42288	0	8.55336	No
7039	GLOBAL	Cartesian	52.42288	0	9.48191	No	52.42288	0	9.48191	No	7.132	GLOBAL	Cartesian	52.42288	0	8.54090	No	52.42288	0	8.54090	No
7040	GLOBAL	Cartesian	52.61018	0	9.38142	No	52.61018	0	9.38142	No	7.133	GLOBAL	Cartesian	52.61018	0	8.52882	No	52.61018	0	8.52882	No
7041	GLOBAL	Cartesian	52.61018	0	9.46342	No	52.61018	0	9.46342	No	7.134	GLOBAL	Cartesian	52.61018	0	8.54524	No	52.61018	0	8.54524	No
7042	GLOBAL	Cartesian	52.79788	0	9.46342	No	52.79788	0	9.46342	No	7.135	GLOBAL	Cartesian	52.79788	0	8.53227	No	52.79788	0	8.53227	No
7043	GLOBAL	Cartesian	52.79788	0	9.36294	No	52.79788	0	9.36294	No	7.136	GLOBAL	Cartesian	52.79788	0	8.52288	No	52.79788	0	8.52288	No
7044	GLOBAL	Cartesian	52.86518	0	9.44494	No	52.86518	0	9.44494	No	7.137	GLOBAL	Cartesian	52.86518	0	8.51172	No	52.86518	0	8.51172	No
7045	GLOBAL	Cartesian	52.86518	0	9.34445	No	52.86518	0	9.34445	No	7.138	GLOBAL	Cartesian	52.86518	0	8.50145	No	52.86518	0	8.50145	No
7046	GLOBAL	Cartesian	53.17268	0	9.42545	No	53.17268	0	9.42545	No	7.139	GLOBAL	Cartesian	53.17268	0	8.48918	No	53.17268	0	8.48918	No
7047	GLOBAL	Cartesian	53.17268	0	9.32597	No	53.17268	0	9.32597	No	7.140	GLOBAL	Cartesian	53.17268	0	8.48030	No	53.17268	0	8.48030	No
7048	GLOBAL	Cartesian	53.36018	0	9.40737	No	53.36018	0	9.40737	No	7.141	GLOBAL	Cartesian	53.36018	0	8.46936	No	53.36018	0	8.46936	No
7049	GLOBAL	Cartesian	53.36018	0	9.38943	No	53.36018	0	9.38943	No	7.142	GLOBAL	Cartesian	53.36018	0	8.45738	No	53.36018	0	8.45738	No
7050	GLOBAL	Cartesian	53.54768	0	9.38943	No	53.54768	0	9.38943	No	7.143	GLOBAL	Cartesian	53.54768	0	8.44541	No	53.54768	0	8.44541	No
7051	GLOBAL	Cartesian	53.54768	0	9.28818	No	53.54768	0	9.28818	No	7.144	GLOBAL	Cartesian	53.54768	0	8.43343	No	53.54768	0	8.43343	No
7052	GLOBAL	Cartesian	53.73518	0	9.37118	No	53.73518	0	9.37118	No	7.145	GLOBAL	Cartesian	53.73518	0	8.42146	No	53.73518	0	8.42146	No
7053	GLOBAL	Cartesian	53.73518	0	9.27052	No	53.73518	0	9.27052	No	7.146	GLOBAL	Cartesian	53.73518	0	8.40948	No	53.73518	0	8.40948	No
7054	GLOBAL	Cartesian	51.11018	0	9.42881	No	51.11018	0	9.42881	No	7.147	GLOBAL	Cartesian	51.11018	0	8.39751	No	51.11018	0	8.39751	No
7055	GLOBAL	Cartesian	51.11018	0	9.41033	No	51.11018	0	9.41033	No	7.148	GLOBAL	Cartesian	51.11018	0	8.38554	No	51.11018	0	8.38554	No
7056	GLOBAL	Cartesian	51.29788	0	9.39184	No	51.29788	0	9.39184	No	7.149	GLOBAL	Cartesian	51.29788	0	8.37357	No	51.29788	0	8.37357	No
7057	GLOBAL	Cartesian	51.48518	0	9.37366	No	51.48518	0	9.37366	No	7.150	GLOBAL	Cartesian	51.48518	0	8.36160	No	51.48518	0	8.36160	No
7058	GLOBAL	Cartesian	51.86018	0	9.35487	No	51.86018	0	9.35487	No	7.151	GLOBAL	Cartesian	51.86018	0	8.34963	No	51.86018	0	8.34963	No
7059	GLOBAL	Cartesian	52.04768	0	9.33539	No	52.04768	0	9.33539	No	7.152	GLOBAL	Cartesian	52.04768	0	8.33766	No	52.04768	0	8.33766	No
7060	GLOBAL	Cartesian	52.04768	0	9.29942	No	52.04768	0	9.29942	No	7.153	GLOBAL	Cartesian	52.04768	0	8.32569	No	52.04768	0	8.32569	No
7061	GLOBAL	Cartesian	52.25518	0	9.28942	No	52.25518	0	9.28942	No	7.154	GLOBAL	Cartesian	52.25518	0	8.31372	No	52.25518	0	8.31372	No
7062	GLOBAL	Cartesian	52.61018	0	9.26245	No	52.61018	0	9.26245	No	7.155	GLOBAL	Cartesian	52.61018	0	8.30175	No	52.61018	0	8.30175	No
7063	GLOBAL	Cartesian	52.79788	0	9.26245	No	52.79788	0	9.26245	No	7.156	GLOBAL	Cartesian	52.79788	0	8.28978	No	52.79788	0	8.28978	No
7064	GLOBAL	Cartesian	52.86518	0	9.24397	No	52.86518	0	9.24397	No	7.157	GLOBAL	Cartesian	52.86518	0	8.27781	No	52.86518	0	8.27781	No
7065	GLOBAL	Cartesian	53.17268	0	9.22549	No	53.17268	0	9.22549	No	7.158	GLOBAL	Cartesian	53.17268	0	8.26584	No	53.17268	0	8.26584	No
7066	GLOBAL	Cartesian	53.36018	0	9.20718	No	53.36018	0	9.20718	No	7.159	GLOBAL	Cartesian	53.36018	0	8.25387	No	53.36018	0	8.25387	No
7067	GLOBAL	Cartesian	53.36018	0	9.18852	No	53.36018	0	9.18852	No	7.160	GLOBAL	Cartesian	53.36018	0	8.24190	No	53.36018	0	8.24190	No
7068	GLOBAL	Cartesian	53.73518	0	9.17003	No	53.73518	0	9.17003	No	7.161	GLOBAL	Cartesian	53.73518	0	8.22993	No	53.73518	0	8.22993	No
7069	GLOBAL	Cartesian	51.11018	0	9.26389	No	51.11018	0	9.26389	No	7.162	GLOBAL	Cartesian	51.11018	0	8.21796	No	51.11018	0	8.21796	No
7070	GLOBAL	Cartesian	51.29788	0	9.24704	No	51.29788	0	9.24704	No	7.163	GLOBAL	Cartesian	51.29788	0	8.20599	No	51.29788	0	8.20599	No
7071	GLOBAL	Cartesian	51.48518	0	9.21336	No	51.48518	0	9.21336	No	7.164	GLOBAL	Cartesian	51.48518	0	8.19402	No	51.48518	0	8.19402	No
7072	GLOBAL	Cartesian	51.67268	0	9.19652	No	51.67268	0	9.19652	No	7.165	GLOBAL	Cartesian	51.67268	0	8.18205	No	51.67268	0	8.18205	No
7073	GLOBAL	Cartesian	51.86018	0	9.17968	No	51.86018	0	9.17968	No	7.166	GLOBAL	Cartesian	51.86018	0	8.17008	No	51.86018	0	8.17008	No
7074	GLOBAL	Cartesian	52.04768	0	9.16283	No	52.04768	0	9.16283	No	7.167	GLOBAL	Cartesian	52.04768	0	8.15811	No	52.04768	0	8.15811	No
7075	GLOBAL	Cartesian	52.25518	0	9.14599	No	52.25518	0	9.14599	No	7.168	GLOBAL	Cartesian	52.25518	0	8.14614	No	52.25518	0	8.14614	No
7076	GLOBAL	Cartesian	52.42288	0	9.12915	No	52.42288	0	9.12915	No	7.169	GLOBAL	Cartesian	52.42288	0	8.13417	No	52.42288	0	8.13417	No
7077	GLOBAL	Cartesian	52.61018	0	9.11231	No	52.61018	0	9.11231	No	7.170	GLOBAL	Cartesian	52.61018	0	8.12220	No	52.61018	0	8.12220	No
7078	GLOBAL	Cartesian	52.61018	0	9.09547	No	52.61018	0	9.09547	No	7.171	GLOBAL	Cartesian	52.61018	0</						

7225	GLOBAL	Cartesian	44.82258	0	9.92265	No	44.82258	0	9.92265	No	8418	GLOBAL	Cartesian	32.36125	0.2	11.47908	No	32.36125	0.2	11.47908	No
7226	GLOBAL	Cartesian	44.92268	0	9.92268	No	44.92268	0	9.92268	No	8419	GLOBAL	Cartesian	32.53966	0.1	11.46077	No	32.53966	0.1	11.46077	No
7227	GLOBAL	Cartesian	44.92268	0	9.9133	No	44.92268	0	9.9133	No	8420	GLOBAL	Cartesian	32.53966	0.2	11.46077	No	32.53966	0.2	11.46077	No
7228	GLOBAL	Cartesian	45.02268	0	9.96644	No	45.02268	0	9.96644	No	8421	GLOBAL	Cartesian	32.62982	0.1	11.45161	No	32.62982	0.1	11.45161	No
7229	GLOBAL	Cartesian	45.02268	0	9.90396	No	45.02268	0	9.90396	No	8422	GLOBAL	Cartesian	32.62982	0.2	11.45161	No	32.62982	0.2	11.45161	No
7230	GLOBAL	Cartesian	45.12268	0	9.95684	No	45.12268	0	9.95684	No	8423	GLOBAL	Cartesian	32.67625	0.1	11.44704	No	32.67625	0.1	11.44704	No
7231	GLOBAL	Cartesian	45.12268	0	9.89461	No	45.12268	0	9.89461	No	8424	GLOBAL	Cartesian	32.67625	0.2	11.44704	No	32.67625	0.2	11.44704	No
7232	GLOBAL	Cartesian	47.82258	0	9.68434	No	47.82258	0	9.68434	No	8425	GLOBAL	Cartesian	32.72268	0.1	11.44246	No	32.72268	0.1	11.44246	No
7233	GLOBAL	Cartesian	47.82258	0	9.62376	No	47.82258	0	9.62376	No	8426	GLOBAL	Cartesian	32.72268	0.2	11.44246	No	32.72268	0.2	11.44246	No
7234	GLOBAL	Cartesian	47.82268	0	9.67876	No	47.82268	0	9.67876	No	8427	GLOBAL	Cartesian	32.82268	0.1	11.4326	No	32.82268	0.1	11.4326	No
7235	GLOBAL	Cartesian	47.82268	0	9.61448	No	47.82268	0	9.61448	No	8428	GLOBAL	Cartesian	32.82268	0.2	11.4326	No	32.82268	0.2	11.4326	No
7236	GLOBAL	Cartesian	48.10118	0	9.59706	No	48.10118	0	9.59706	No	8429	GLOBAL	Cartesian	32.82268	0.1	11.42772	No	32.82268	0.1	11.42772	No
7237	GLOBAL	Cartesian	48.10118	0	9.64289	No	48.10118	0	9.64289	No	8430	GLOBAL	Cartesian	32.82268	0.2	11.42772	No	32.82268	0.2	11.42772	No
7238	GLOBAL	Cartesian	48.29768	0	9.5797	No	48.29768	0	9.5797	No	8431	GLOBAL	Cartesian	33.02268	0.1	11.41288	No	33.02268	0.1	11.41288	No
7239	GLOBAL	Cartesian	48.29768	0	9.62495	No	48.29768	0	9.62495	No	8432	GLOBAL	Cartesian	33.02268	0.2	11.41288	No	33.02268	0.2	11.41288	No
7240	GLOBAL	Cartesian	48.46518	0	9.56231	No	48.46518	0	9.56231	No	8433	GLOBAL	Cartesian	33.12268	0.1	11.40303	No	33.12268	0.1	11.40303	No
7241	GLOBAL	Cartesian	48.46518	0	9.60701	No	48.46518	0	9.60701	No	8434	GLOBAL	Cartesian	33.12268	0.2	11.40303	No	33.12268	0.2	11.40303	No
7242	GLOBAL	Cartesian	48.67268	0	9.54492	No	48.67268	0	9.54492	No	8435	GLOBAL	Cartesian	33.30839	0.1	11.38472	No	33.30839	0.1	11.38472	No
7243	GLOBAL	Cartesian	48.67268	0	9.58908	No	48.67268	0	9.58908	No	8436	GLOBAL	Cartesian	33.30839	0.2	11.38472	No	33.30839	0.2	11.38472	No
7244	GLOBAL	Cartesian	48.86018	0	9.48146	No	48.86018	0	9.48146	No	8437	GLOBAL	Cartesian	33.49411	0.1	11.36641	No	33.49411	0.1	11.36641	No
7245	GLOBAL	Cartesian	48.86018	0	9.52753	No	48.86018	0	9.52753	No	8438	GLOBAL	Cartesian	33.49411	0.2	11.36641	No	33.49411	0.2	11.36641	No
7246	GLOBAL	Cartesian	49.04768	0	9.57114	No	49.04768	0	9.57114	No	8439	GLOBAL	Cartesian	33.67862	0.1	11.3461	No	33.67862	0.1	11.3461	No
7247	GLOBAL	Cartesian	49.04768	0	9.45332	No	49.04768	0	9.45332	No	8440	GLOBAL	Cartesian	33.67862	0.2	11.3461	No	33.67862	0.2	11.3461	No
7248	GLOBAL	Cartesian	49.23518	0	9.40725	No	49.23518	0	9.40725	No	8441	GLOBAL	Cartesian	33.86564	0.1	11.32979	No	33.86564	0.1	11.32979	No
7249	GLOBAL	Cartesian	49.23518	0	9.45527	No	49.23518	0	9.45527	No	8442	GLOBAL	Cartesian	33.86564	0.2	11.32979	No	33.86564	0.2	11.32979	No
7250	GLOBAL	Cartesian	49.42268	0	9.47536	No	49.42268	0	9.47536	No	8443	GLOBAL	Cartesian	34.05125	0.1	11.31149	No	34.05125	0.1	11.31149	No
7251	GLOBAL	Cartesian	49.42268	0	9.47536	No	49.42268	0	9.47536	No	8444	GLOBAL	Cartesian	34.05125	0.2	11.31149	No	34.05125	0.2	11.31149	No
7252	GLOBAL	Cartesian	49.61018	0	9.51733	No	49.61018	0	9.51733	No	8445	GLOBAL	Cartesian	34.23966	0.1	11.29318	No	34.23966	0.1	11.29318	No
7253	GLOBAL	Cartesian	49.61018	0	9.45798	No	49.61018	0	9.45798	No	8446	GLOBAL	Cartesian	34.23966	0.2	11.29318	No	34.23966	0.2	11.29318	No
7254	GLOBAL	Cartesian	49.79768	0	9.46939	No	49.79768	0	9.46939	No	8447	GLOBAL	Cartesian	34.42268	0.1	11.27487	No	34.42268	0.1	11.27487	No
7255	GLOBAL	Cartesian	49.79768	0	9.44059	No	49.79768	0	9.44059	No	8448	GLOBAL	Cartesian	34.42268	0.2	11.27487	No	34.42268	0.2	11.27487	No
7256	GLOBAL	Cartesian	49.86518	0	9.48146	No	49.86518	0	9.48146	No	8449	GLOBAL	Cartesian	34.60839	0.1	11.25656	No	34.60839	0.1	11.25656	No
7257	GLOBAL	Cartesian	49.86518	0	9.48146	No	49.86518	0	9.48146	No	8450	GLOBAL	Cartesian	34.60839	0.2	11.25656	No	34.60839	0.2	11.25656	No
7258	GLOBAL	Cartesian	50.17268	0	9.46522	No	50.17268	0	9.46522	No	8451	GLOBAL	Cartesian	34.79411	0.1	11.23525	No	34.79411	0.1	11.23525	No
7259	GLOBAL	Cartesian	50.17268	0	9.44556	No	50.17268	0	9.44556	No	8452	GLOBAL	Cartesian	34.79411	0.2	11.23525	No	34.79411	0.2	11.23525	No
7260	GLOBAL	Cartesian	50.38018	0	9.38942	No	50.38018	0	9.38942	No	8453	GLOBAL	Cartesian	34.97982	0.1	11.21965	No	34.97982	0.1	11.21965	No
7261	GLOBAL	Cartesian	50.38018	0	9.42765	No	50.38018	0	9.42765	No	8454	GLOBAL	Cartesian	34.97982	0.2	11.21965	No	34.97982	0.2	11.21965	No
7262	GLOBAL	Cartesian	50.54768	0	9.47678	No	50.54768	0	9.47678	No	8455	GLOBAL	Cartesian	35.16564	0.1	11.20164	No	35.16564	0.1	11.20164	No
7263	GLOBAL	Cartesian	50.54768	0	9.37103	No	50.54768	0	9.37103	No	8456	GLOBAL	Cartesian	35.16564	0.2	11.20164	No	35.16564	0.2	11.20164	No
7264	GLOBAL	Cartesian	50.73518	0	9.40971	No	50.73518	0	9.40971	No	8457	GLOBAL	Cartesian	35.35125	0.1	11.18333	No	35.35125	0.1	11.18333	No
7265	GLOBAL	Cartesian	50.73518	0	9.35364	No	50.73518	0	9.35364	No	8458	GLOBAL	Cartesian	35.35125	0.2	11.18333	No	35.35125	0.2	11.18333	No
7266	GLOBAL	Cartesian	50.82268	0	9.39177	No	50.82268	0	9.39177	No	8459	GLOBAL	Cartesian	35.53666	0.1	11.16502	No	35.53666	0.1	11.16502	No
7267	GLOBAL	Cartesian	50.82268	0	9.33625	No	50.82268	0	9.33625	No	8460	GLOBAL	Cartesian	35.53666	0.2	11.16502	No	35.53666	0.2	11.16502	No
7268	GLOBAL	Cartesian	51.11018	0	9.37384	No	51.11018	0	9.37384	No	8461	GLOBAL	Cartesian	35.62862	0.1	11.15697	No	35.62862	0.1	11.15697	No
7269	GLOBAL	Cartesian	51.11018	0	9.37384	No	51.11018	0	9.37384	No	8462	GLOBAL	Cartesian	35.62862	0.2	11.15697	No	35.62862	0.2	11.15697	No
7270	GLOBAL	Cartesian	51.29768	0	9.30147	No	51.29768	0	9.30147	No	8463	GLOBAL	Cartesian	35.72268	0.1	11.14671	No	35.72268	0.1	11.14671	No
7271	GLOBAL	Cartesian	51.48518	0	9.28408	No	51.48518	0	9.28408	No	8464	GLOBAL	Cartesian	35.82268	0.2	11.13865	No	35.82268	0.2	11.13865	No
7272	GLOBAL	Cartesian	51.48518	0	9.28408	No	51.48518	0	9.28408	No	8465	GLOBAL	Cartesian	35.82268	0.1	11.13865	No	35.82268	0.1	11.13865	No
7273	GLOBAL	Cartesian	51.67268	0	9.32003	No	51.67268	0	9.32003	No	8466	GLOBAL	Cartesian	35.92268	0.2	11.127	No	35.92268	0.2	11.127	No
7274	GLOBAL	Cartesian	51.67268	0	9.26669	No	51.67268	0	9.26669	No	8467	GLOBAL	Cartesian	35.92268	0.1	11.127	No	35.92268	0.1	11.127	No
7275	GLOBAL	Cartesian	51.86018	0	9.30209	No	51.86018	0	9.30209	No	8468	GLOBAL	Cartesian	36.02268	0.2	11.11714	No	36.02268	0.2	11.11714	No
7276	GLOBAL	Cartesian	51.86018	0	9.2463	No	51.86018	0	9.2463	No	8469	GLOBAL	Cartesian	36.02268	0.1	11.11714	No	36.02268	0.1	11.11714	No
7277	GLOBAL	Cartesian	52.04768	0	9.28415	No	52.04768	0	9.28415	No	8470	GLOBAL	Cartesian	36.12268	0.2	11.10728	No	36.12268	0.2	11.10728	No
7278	GLOBAL	Cartesian	52.04768	0	9.23191	No	52.04768	0	9.23191	No	8471	GLOBAL	Cartesian	36.12268	0.1	11.10728	No	36.12268	0.1	11.10728	No
7279	GLOBAL	Cartesian	52.2518	0	9.26022	No	52.2518	0	9.26022	No	8472	GLOBAL	Cartesian	36.30839	0.2	11.08897	No	36.30839	0.2	11.08897	No
7280	GLOBAL	Cartesian	52.2518	0	9.24328	No	52.2518	0	9.24328	No	8473	GLOBAL	Cartesian	36.30839	0.1	11.08897	No	36.30839	0.1	11.08897	No
7281	GLOBAL	Cartesian	52.42268	0	9.19713	No	52.42268	0	9.19713	No	8474	GLOBAL	Cartesian	36.49411	0.2	11.07066	No	36.49411	0.2	11.07066	No
7282	GLOBAL	Cartesian	52.42268	0	9.19713	No	52.42268	0	9.19713	No	8475	GLOBAL	Cartesian	36.49411	0.1	11.07066	No	36.49411	0.1	11.07066	No
7283	GLOBAL	Cartesian	52.61018	0	9.23034	No	52.61018	0	9.23034	No	8476	GLOBAL	Cartesian	36.67982	0.2	11.05236	No	36.67982	0.2	11.05236	No
7284	GLOBAL	Cartesian	52.61018	0	9.17975	No	52.61018	0	9.17975	No	8477	GLOBAL	Cartesian	36.67982	0.1	11.05236	No	36.67982	0.1	11.05236	No
7285	GLOBAL	Cartesian	52.61018	0	9.2124	No	52.61018	0	9.2124	No	8478	GLOBAL	Cartesian	36.86564	0.2	11.03405	No	36.86564	0.2	11.03405	No
7286	GLOBAL	Cartesian	52.79768	0	9.16236	No	52.79768	0	9.16236	No	8479	GLOBAL	Cartesian	36.86564	0.1	11.03405	No	36.86564	0.1	11.03405	No
7287	GLOBAL	Cartesian	52.79768	0	9.19447	No	52.79768	0	9.19447	No	8480	GLOBAL									

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10341	GLOBAL	Cartesian	32.67625	-0.1	11.44704	No	32.67625	-0.1	11.44704	No	10034	GLOBAL	Cartesian	39.68064	-0.2	10.75653	No	39.68064	-0.2	10.75653	No
10342	GLOBAL	Cartesian	32.67625	-0.2	11.44704	No	32.67625	-0.2	11.44704	No	10035	GLOBAL	Cartesian	39.68064	-0.1	10.75653	No	39.68064	-0.1	10.75653	No
10343	GLOBAL	Cartesian	32.72268	-0.1	11.44246	No	32.72268	-0.1	11.44246	No	10036	GLOBAL	Cartesian	39.68064	-0.2	10.75653	No	39.68064	-0.2	10.75653	No
10344	GLOBAL	Cartesian	32.72268	-0.2	11.44246	No	32.72268	-0.2	11.44246	No	10037	GLOBAL	Cartesian	39.68064	-0.1	10.75653	No	39.68064	-0.1	10.75653	No
10345	GLOBAL	Cartesian	32.82268	-0.1	11.4326	No	32.82268	-0.1	11.4326	No	10038	GLOBAL	Cartesian	40.05188	-0.2	10.71993	No	40.05188	-0.2	10.71993	No
10346	GLOBAL	Cartesian	32.82268	-0.2	11.4326	No	32.82268	-0.2	11.4326	No	10039	GLOBAL	Cartesian	40.05188	-0.1	10.71993	No	40.05188	-0.1	10.71993	No
10347	GLOBAL	Cartesian	32.82268	-0.1	11.42774	No	32.82268	-0.1	11.42774	No	10040	GLOBAL	Cartesian	40.2375	-0.2	10.70163	No	40.2375	-0.2	10.70163	No
10348	GLOBAL	Cartesian	32.82268	-0.2	11.42774	No	32.82268	-0.2	11.42774	No	10041	GLOBAL	Cartesian	40.2375	-0.1	10.70163	No	40.2375	-0.1	10.70163	No
10349	GLOBAL	Cartesian	33.02268	-0.1	11.41288	No	33.02268	-0.1	11.41288	No	10042	GLOBAL	Cartesian	40.42312	-0.2	10.68333	No	40.42312	-0.2	10.68333	No
10350	GLOBAL	Cartesian	33.02268	-0.2	11.41288	No	33.02268	-0.2	11.41288	No	10043	GLOBAL	Cartesian	40.42312	-0.1	10.68333	No	40.42312	-0.1	10.68333	No
10351	GLOBAL	Cartesian	33.12268	-0.1	11.40303	No	33.12268	-0.1	11.40303	No	10044	GLOBAL	Cartesian	40.60974	-0.2	10.66503	No	40.60974	-0.2	10.66503	No
10352	GLOBAL	Cartesian	33.12268	-0.2	11.40303	No	33.12268	-0.2	11.40303	No	10045	GLOBAL	Cartesian	40.60974	-0.1	10.66503	No	40.60974	-0.1	10.66503	No
10353	GLOBAL	Cartesian	33.12268	-0.1	11.39472	No	33.12268	-0.1	11.39472	No	10046	GLOBAL	Cartesian	40.78437	-0.2	10.64674	No	40.78437	-0.2	10.64674	No
10354	GLOBAL	Cartesian	33.12268	-0.2	11.39472	No	33.12268	-0.2	11.39472	No	10047	GLOBAL	Cartesian	40.78437	-0.1	10.64674	No	40.78437	-0.1	10.64674	No
10355	GLOBAL	Cartesian	33.30839	-0.1	11.38641	No	33.30839	-0.1	11.38641	No	10048	GLOBAL	Cartesian	40.97989	-0.2	10.62944	No	40.97989	-0.2	10.62944	No
10356	GLOBAL	Cartesian	33.30839	-0.2	11.38641	No	33.30839	-0.2	11.38641	No	10049	GLOBAL	Cartesian	40.97989	-0.1	10.62944	No	40.97989	-0.1	10.62944	No
10357	GLOBAL	Cartesian	33.49411	-0.1	11.36641	No	33.49411	-0.1	11.36641	No	10050	GLOBAL	Cartesian	41.16561	-0.2	10.61014	No	41.16561	-0.2	10.61014	No
10358	GLOBAL	Cartesian	33.49411	-0.2	11.36641	No	33.49411	-0.2	11.36641	No	10051	GLOBAL	Cartesian	41.16561	-0.1	10.61014	No	41.16561	-0.1	10.61014	No
10359	GLOBAL	Cartesian	33.67982	-0.1	11.3481	No	33.67982	-0.1	11.3481	No	10052	GLOBAL	Cartesian	41.35123	-0.2	10.59184	No	41.35123	-0.2	10.59184	No
10360	GLOBAL	Cartesian	33.67982	-0.2	11.3481	No	33.67982	-0.2	11.3481	No	10053	GLOBAL	Cartesian	41.35123	-0.1	10.59184	No	41.35123	-0.1	10.59184	No
10361	GLOBAL	Cartesian	33.86554	-0.1	11.32979	No	33.86554	-0.1	11.32979	No	10054	GLOBAL	Cartesian	41.53685	-0.2	10.57354	No	41.53685	-0.2	10.57354	No
10362	GLOBAL	Cartesian	33.86554	-0.2	11.32979	No	33.86554	-0.2	11.32979	No	10055	GLOBAL	Cartesian	41.53685	-0.1	10.57354	No	41.53685	-0.1	10.57354	No
10363	GLOBAL	Cartesian	34.05125	-0.1	11.31149	No	34.05125	-0.1	11.31149	No	10056	GLOBAL	Cartesian	41.72447	-0.2	10.55524	No	41.72447	-0.2	10.55524	No
10364	GLOBAL	Cartesian	34.05125	-0.2	11.31149	No	34.05125	-0.2	11.31149	No	10057	GLOBAL	Cartesian	41.72447	-0.1	10.55524	No	41.72447	-0.1	10.55524	No
10365	GLOBAL	Cartesian	34.23686	-0.1	11.29382	No	34.23686	-0.1	11.29382	No	10058	GLOBAL	Cartesian	41.91288	-0.2	10.53693	No	41.91288	-0.2	10.53693	No
10366	GLOBAL	Cartesian	34.23686	-0.2	11.29382	No	34.23686	-0.2	11.29382	No	10059	GLOBAL	Cartesian	41.91288	-0.1	10.53693	No	41.91288	-0.1	10.53693	No
10367	GLOBAL	Cartesian	34.42268	-0.1	11.27487	No	34.42268	-0.1	11.27487	No	10060	GLOBAL	Cartesian	42.10025	-0.2	10.51857	No	42.10025	-0.2	10.51857	No
10368	GLOBAL	Cartesian	34.42268	-0.2	11.27487	No	34.42268	-0.2	11.27487	No	10061	GLOBAL	Cartesian	42.10025	-0.1	10.51857	No	42.10025	-0.1	10.51857	No
10369	GLOBAL	Cartesian	34.60839	-0.1	11.25656	No	34.60839	-0.1	11.25656	No	10062	GLOBAL	Cartesian	42.2885	-0.2	10.50063	No	42.2885	-0.2	10.50063	No
10370	GLOBAL	Cartesian	34.60839	-0.2	11.25656	No	34.60839	-0.2	11.25656	No	10063	GLOBAL	Cartesian	42.2885	-0.1	10.50063	No	42.2885	-0.1	10.50063	No
10371	GLOBAL	Cartesian	34.79411	-0.1	11.23825	No	34.79411	-0.1	11.23825	No	10064	GLOBAL	Cartesian	42.47637	-0.2	10.48293	No	42.47637	-0.2	10.48293	No
10372	GLOBAL	Cartesian	34.79411	-0.2	11.23825	No	34.79411	-0.2	11.23825	No	10065	GLOBAL	Cartesian	42.47637	-0.1	10.48293	No	42.47637	-0.1	10.48293	No
10373	GLOBAL	Cartesian	34.97982	-0.1	11.21995	No	34.97982	-0.1	11.21995	No	10066	GLOBAL	Cartesian	42.66469	-0.2	10.46503	No	42.66469	-0.2	10.46503	No
10374	GLOBAL	Cartesian	34.97982	-0.2	11.21995	No	34.97982	-0.2	11.21995	No	10067	GLOBAL	Cartesian	42.66469	-0.1	10.46503	No	42.66469	-0.1	10.46503	No
10375	GLOBAL	Cartesian	35.1654	-0.1	11.20164	No	35.1654	-0.1	11.20164	No	10068	GLOBAL	Cartesian	42.85307	-0.2	10.44745	No	42.85307	-0.2	10.44745	No
10376	GLOBAL	Cartesian	35.1654	-0.2	11.20164	No	35.1654	-0.2	11.20164	No	10069	GLOBAL	Cartesian	42.85307	-0.1	10.44745	No	42.85307	-0.1	10.44745	No
10377	GLOBAL	Cartesian	35.35125	-0.1	11.18333	No	35.35125	-0.1	11.18333	No	10070	GLOBAL	Cartesian	43.04184	-0.2	10.42984	No	43.04184	-0.2	10.42984	No
10378	GLOBAL	Cartesian	35.35125	-0.2	11.18333	No	35.35125	-0.2	11.18333	No	10071	GLOBAL	Cartesian	43.04184	-0.1	10.42984	No	43.04184	-0.1	10.42984	No
10379	GLOBAL	Cartesian	35.53686	-0.1	11.16502	No	35.53686	-0.1	11.16502	No	10072	GLOBAL	Cartesian	43.2307	-0.2	10.41234	No	43.2307	-0.2	10.41234	No
10380	GLOBAL	Cartesian	35.53686	-0.2	11.16502	No	35.53686	-0.2	11.16502	No	10073	GLOBAL	Cartesian	43.2307	-0.1	10.41234	No	43.2307	-0.1	10.41234	No
10381	GLOBAL	Cartesian	35.62982	-0.1	11.15597	No	35.62982	-0.1	11.15597	No	10074	GLOBAL	Cartesian	43.41914	-0.2	10.39484	No	43.41914	-0.2	10.39484	No
10382	GLOBAL	Cartesian	35.62982	-0.2	11.15597	No	35.62982	-0.2	11.15597	No	10075	GLOBAL	Cartesian	43.41914	-0.1	10.39484	No	43.41914	-0.1	10.39484	No
10383	GLOBAL	Cartesian	35.72268	-0.1	11.14671	No	35.72268	-0.1	11.14671	No	10076	GLOBAL	Cartesian	43.60794	-0.2	10.37734	No	43.60794	-0.2	10.37734	No
10384	GLOBAL	Cartesian	35.72268	-0.2	11.14671	No	35.72268	-0.2	11.14671	No	10077	GLOBAL	Cartesian	43.60794	-0.1	10.37734	No	43.60794	-0.1	10.37734	No
10385	GLOBAL	Cartesian	35.82268	-0.1	11.13865	No	35.82268	-0.1	11.13865	No	10078	GLOBAL	Cartesian	43.79674	-0.2	10.36004	No	43.79674	-0.2	10.36004	No
10386	GLOBAL	Cartesian	35.82268	-0.2	11.13865	No	35.82268	-0.2	11.13865	No	10079	GLOBAL	Cartesian	43.79674	-0.1	10.36004	No	43.79674	-0.1	10.36004	No
10387	GLOBAL	Cartesian	36.02268	-0.1	11.121	No	36.02268	-0.1	11.121	No	10080	GLOBAL	Cartesian	43.98554	-0.2	10.34254	No	43.98554	-0.2	10.34254	No
10388	GLOBAL	Cartesian	36.02268	-0.2	11.121	No	36.02268	-0.2	11.121	No	10081	GLOBAL	Cartesian	43.98554	-0.1	10.34254	No	43.98554	-0.1	10.34254	No
10389	GLOBAL	Cartesian	36.12268	-0.1	11.11714	No	36.12268	-0.1	11.11714	No	10082	GLOBAL	Cartesian	44.17434	-0.2	10.32504	No	44.17434	-0.2	10.32504	No
10390	GLOBAL	Cartesian	36.12268	-0.2	11.11714	No	36.12268	-0.2	11.11714	No	10083	GLOBAL	Cartesian	44.17434	-0.1	10.32504	No	44.17434	-0.1	10.32504	No
10391	GLOBAL	Cartesian	36.12268	-0.1	11.10728	No	36.12268	-0.1	11.10728	No	10084	GLOBAL	Cartesian	44.36314	-0.2	10.30754	No	44.36314	-0.2	10.30754	No
10392	GLOBAL	Cartesian	36.12268	-0.2	11.10728	No	36.12268	-0.2	11.10728	No	10085	GLOBAL	Cartesian	44.36314	-0.1	10.30754	No	44.36314	-0.1	10.30754	No
10393	GLOBAL	Cartesian	36.30839	-0.1	11.0897	No	36.30839	-0.1	11.0897	No	10086	GLOBAL	Cartesian	44.55194	-0.2	10.29004	No	44.55194	-0.2	10.29004	No
10394	GLOBAL	Cartesian	36.30839	-0.2	11.0897	No	36.30839	-0.2	11.0897	No	10087	GLOBAL	Cartesian	44.55194	-0.1	10.29004	No	44.55194	-0.1	10.29004	No
10395	GLOBAL	Cartesian	36.49411	-0.1	11.0706	No	36.49411	-0.1	11.0706	No	10088	GLOBAL	Cartesian	44.74074	-0.2	10.27254	No	44.74074	-0.2	10.27254	No
10396	GLOBAL	Cartesian	36.49411	-0.2	11.0706	No	36.49411	-0.2	11.0706	No	10089	GLOBAL	Cartesian	44.74074	-0.1	10.27254	No	44.74074	-0.1	10.27254	No
10397	GLOBAL	Cartesian	36.67982	-0.1	11.05236	No	36.67982	-0.1	11.05236	No	10090	GLOBAL	Cartesian	44.92954	-0.2	10.25504	No	44.92954	-0.2	10.25504	No
10398	GLOBAL	Cartesian	36.67982	-0.2	11.05236	No	36.67982	-0.2	11.05236	No	10091	GLOBAL	Cartesian	44.92954	-0.1	10.25504	No	44.92954	-0.1	10.25504	No
10399	GLOBAL	Cartesian	36.8654	-0.1	11.03405	No	36.8654	-0.1	11.03405	No	10092	GLOBAL	Cartesian	45.11834	-0.2	10.23754	No	45.11834	-0.2	10.23754	No
10400	GLOBAL	Cartesian	36.8654	-0.2	11.03405	No	36.8654	-0.2	11.03405	No	10093	GLOBAL	Cartesian	45.11834	-0.1	10.23754	No	45.11834	-0.1		

10527	GLOBAL	Cartesian	47.53978	-0.1	9.95205	No	47.53978	-0.1	9.95205	No	11289	GLOBAL	Cartesian	33.92288	-0.2	8.29697	No	33.92288	-0.2	8.29697	No
10528	GLOBAL	Cartesian	47.53978	-0.2	9.95205	No	47.53978	-0.2	9.95205	No	11290	GLOBAL	Cartesian	33.12288	-0.1	8.29697	No	33.12288	-0.1	8.29697	No
10529	GLOBAL	Cartesian	47.72248	-0.1	9.96375	No	47.72248	-0.1	9.96375	No	11291	GLOBAL	Cartesian	33.12288	-0.2	8.29697	No	33.12288	-0.2	8.29697	No
10530	GLOBAL	Cartesian	47.72248	-0.2	9.96375	No	47.72248	-0.2	9.96375	No	11270	GLOBAL	Cartesian	33.27718	-0.1	8.29697	No	33.27718	-0.1	8.29697	No
10531	GLOBAL	Cartesian	47.82258	-0.1	9.95388	No	47.82258	-0.1	9.95388	No	11271	GLOBAL	Cartesian	33.27718	-0.2	8.29697	No	33.27718	-0.2	8.29697	No
10532	GLOBAL	Cartesian	47.82258	-0.2	9.95388	No	47.82258	-0.2	9.95388	No	11272	GLOBAL	Cartesian	33.27718	-0.1	8.29697	No	33.27718	-0.1	8.29697	No
10533	GLOBAL	Cartesian	47.92268	-0.1	9.94401	No	47.92268	-0.1	9.94401	No	11273	GLOBAL	Cartesian	33.43168	-0.1	8.29697	No	33.43168	-0.1	8.29697	No
10534	GLOBAL	Cartesian	47.92268	-0.2	9.94401	No	47.92268	-0.2	9.94401	No	11274	GLOBAL	Cartesian	33.43168	-0.2	8.29697	No	33.43168	-0.2	8.29697	No
10535	GLOBAL	Cartesian	48.11018	-0.1	9.92553	No	48.11018	-0.1	9.92553	No	11275	GLOBAL	Cartesian	33.56618	-0.1	8.29697	No	33.56618	-0.1	8.29697	No
10536	GLOBAL	Cartesian	48.11018	-0.2	9.92553	No	48.11018	-0.2	9.92553	No	11276	GLOBAL	Cartesian	33.56618	-0.2	8.29697	No	33.56618	-0.2	8.29697	No
10537	GLOBAL	Cartesian	48.29768	-0.1	9.90704	No	48.29768	-0.1	9.90704	No	11277	GLOBAL	Cartesian	33.74068	-0.1	8.29697	No	33.74068	-0.1	8.29697	No
10538	GLOBAL	Cartesian	48.29768	-0.2	9.90704	No	48.29768	-0.2	9.90704	No	11278	GLOBAL	Cartesian	33.74068	-0.2	8.29697	No	33.74068	-0.2	8.29697	No
10539	GLOBAL	Cartesian	48.48518	-0.1	9.88956	No	48.48518	-0.1	9.88956	No	11280	GLOBAL	Cartesian	33.90868	-0.1	8.29697	No	33.90868	-0.1	8.29697	No
10540	GLOBAL	Cartesian	48.48518	-0.2	9.88956	No	48.48518	-0.2	9.88956	No	11281	GLOBAL	Cartesian	33.90868	-0.2	8.29697	No	33.90868	-0.2	8.29697	No
10541	GLOBAL	Cartesian	48.67268	-0.1	9.87007	No	48.67268	-0.1	9.87007	No	11282	GLOBAL	Cartesian	34.13709	-0.1	8.27462	No	34.13709	-0.1	8.27462	No
10542	GLOBAL	Cartesian	48.67268	-0.2	9.87007	No	48.67268	-0.2	9.87007	No	11283	GLOBAL	Cartesian	34.13709	-0.2	8.27462	No	34.13709	-0.2	8.27462	No
10543	GLOBAL	Cartesian	48.86018	-0.1	9.85159	No	48.86018	-0.1	9.85159	No	11284	GLOBAL	Cartesian	34.33529	-0.1	8.27462	No	34.33529	-0.1	8.27462	No
10544	GLOBAL	Cartesian	48.86018	-0.2	9.85159	No	48.86018	-0.2	9.85159	No	11285	GLOBAL	Cartesian	34.33529	-0.2	8.27462	No	34.33529	-0.2	8.27462	No
10545	GLOBAL	Cartesian	49.04768	-0.1	9.83311	No	49.04768	-0.1	9.83311	No	11286	GLOBAL	Cartesian	34.53349	-0.1	8.27274	No	34.53349	-0.1	8.27274	No
10546	GLOBAL	Cartesian	49.04768	-0.2	9.83311	No	49.04768	-0.2	9.83311	No	11287	GLOBAL	Cartesian	34.53349	-0.2	8.27274	No	34.53349	-0.2	8.27274	No
10547	GLOBAL	Cartesian	49.25318	-0.1	9.81462	No	49.25318	-0.1	9.81462	No	11288	GLOBAL	Cartesian	34.73169	-0.1	8.27066	No	34.73169	-0.1	8.27066	No
10548	GLOBAL	Cartesian	49.25318	-0.2	9.81462	No	49.25318	-0.2	9.81462	No	11289	GLOBAL	Cartesian	34.73169	-0.2	8.27066	No	34.73169	-0.2	8.27066	No
10549	GLOBAL	Cartesian	49.42268	-0.1	9.79814	No	49.42268	-0.1	9.79814	No	11290	GLOBAL	Cartesian	34.92868	-0.1	8.26533	No	34.92868	-0.1	8.26533	No
10550	GLOBAL	Cartesian	49.42268	-0.2	9.79814	No	49.42268	-0.2	9.79814	No	11291	GLOBAL	Cartesian	34.92868	-0.2	8.26533	No	34.92868	-0.2	8.26533	No
10551	GLOBAL	Cartesian	49.61018	-0.1	9.77765	No	49.61018	-0.1	9.77765	No	11292	GLOBAL	Cartesian	35.12809	-0.1	8.26711	No	35.12809	-0.1	8.26711	No
10552	GLOBAL	Cartesian	49.61018	-0.2	9.77765	No	49.61018	-0.2	9.77765	No	11293	GLOBAL	Cartesian	35.12809	-0.2	8.26711	No	35.12809	-0.2	8.26711	No
10553	GLOBAL	Cartesian	49.79768	-0.1	9.75917	No	49.79768	-0.1	9.75917	No	11294	GLOBAL	Cartesian	35.32629	-0.1	8.26523	No	35.32629	-0.1	8.26523	No
10554	GLOBAL	Cartesian	49.79768	-0.2	9.75917	No	49.79768	-0.2	9.75917	No	11295	GLOBAL	Cartesian	35.32629	-0.2	8.26523	No	35.32629	-0.2	8.26523	No
10555	GLOBAL	Cartesian	49.98518	-0.1	9.74069	No	49.98518	-0.1	9.74069	No	11296	GLOBAL	Cartesian	35.52545	-0.1	8.26335	No	35.52545	-0.1	8.26335	No
10556	GLOBAL	Cartesian	49.98518	-0.2	9.74069	No	49.98518	-0.2	9.74069	No	11297	GLOBAL	Cartesian	35.52545	-0.2	8.26335	No	35.52545	-0.2	8.26335	No
10557	GLOBAL	Cartesian	50.17268	-0.1	9.7222	No	50.17268	-0.1	9.7222	No	11298	GLOBAL	Cartesian	35.7227	-0.1	8.26147	No	35.7227	-0.1	8.26147	No
10558	GLOBAL	Cartesian	50.17268	-0.2	9.7222	No	50.17268	-0.2	9.7222	No	11299	GLOBAL	Cartesian	35.7227	-0.2	8.26147	No	35.7227	-0.2	8.26147	No
10559	GLOBAL	Cartesian	50.36018	-0.1	9.70372	No	50.36018	-0.1	9.70372	No	11300	GLOBAL	Cartesian	35.92268	-0.1	8.26053	No	35.92268	-0.1	8.26053	No
10560	GLOBAL	Cartesian	50.36018	-0.2	9.70372	No	50.36018	-0.2	9.70372	No	11301	GLOBAL	Cartesian	35.92268	-0.2	8.26053	No	35.92268	-0.2	8.26053	No
10561	GLOBAL	Cartesian	50.54768	-0.1	9.68523	No	50.54768	-0.1	9.68523	No	11302	GLOBAL	Cartesian	36.12268	-0.1	8.25778	No	36.12268	-0.1	8.25778	No
10562	GLOBAL	Cartesian	50.54768	-0.2	9.68523	No	50.54768	-0.2	9.68523	No	11303	GLOBAL	Cartesian	36.12268	-0.2	8.25778	No	36.12268	-0.2	8.25778	No
10563	GLOBAL	Cartesian	50.73518	-0.1	9.66675	No	50.73518	-0.1	9.66675	No	11304	GLOBAL	Cartesian	36.32268	-0.1	8.25599	No	36.32268	-0.1	8.25599	No
10564	GLOBAL	Cartesian	50.73518	-0.2	9.66675	No	50.73518	-0.2	9.66675	No	11305	GLOBAL	Cartesian	36.32268	-0.2	8.25599	No	36.32268	-0.2	8.25599	No
10565	GLOBAL	Cartesian	50.92268	-0.1	9.64632	No	50.92268	-0.1	9.64632	No	11306	GLOBAL	Cartesian	36.51268	-0.1	8.25279	No	36.51268	-0.1	8.25279	No
10566	GLOBAL	Cartesian	50.92268	-0.2	9.64632	No	50.92268	-0.2	9.64632	No	11307	GLOBAL	Cartesian	36.51268	-0.2	8.25279	No	36.51268	-0.2	8.25279	No
10567	GLOBAL	Cartesian	51.11018	-0.1	9.62978	No	51.11018	-0.1	9.62978	No	11308	GLOBAL	Cartesian	36.70469	-0.1	8.24959	No	36.70469	-0.1	8.24959	No
10568	GLOBAL	Cartesian	51.11018	-0.2	9.62978	No	51.11018	-0.2	9.62978	No	11309	GLOBAL	Cartesian	36.70469	-0.2	8.24959	No	36.70469	-0.2	8.24959	No
10569	GLOBAL	Cartesian	51.29768	-0.1	9.61113	No	51.29768	-0.1	9.61113	No	11310	GLOBAL	Cartesian	36.8667	-0.1	8.24659	No	36.8667	-0.1	8.24659	No
10570	GLOBAL	Cartesian	51.29768	-0.2	9.61113	No	51.29768	-0.2	9.61113	No	11311	GLOBAL	Cartesian	36.8667	-0.2	8.24659	No	36.8667	-0.2	8.24659	No
10571	GLOBAL	Cartesian	51.48618	-0.1	9.59281	No	51.48618	-0.1	9.59281	No	11312	GLOBAL	Cartesian	36.8667	-0.1	8.24659	No	36.8667	-0.1	8.24659	No
10572	GLOBAL	Cartesian	51.48618	-0.2	9.59281	No	51.48618	-0.2	9.59281	No	11313	GLOBAL	Cartesian	36.8667	-0.2	8.24659	No	36.8667	-0.2	8.24659	No
10573	GLOBAL	Cartesian	51.67268	-0.1	9.57433	No	51.67268	-0.1	9.57433	No	11314	GLOBAL	Cartesian	36.81072	-0.1	8.24319	No	36.81072	-0.1	8.24319	No
10574	GLOBAL	Cartesian	51.67268	-0.2	9.57433	No	51.67268	-0.2	9.57433	No	11315	GLOBAL	Cartesian	37.00192	-0.1	8.23963	No	37.00192	-0.1	8.23963	No
10575	GLOBAL	Cartesian	51.86018	-0.1	9.55594	No	51.86018	-0.1	9.55594	No	11316	GLOBAL	Cartesian	37.00192	-0.2	8.23963	No	37.00192	-0.2	8.23963	No
10576	GLOBAL	Cartesian	51.86018	-0.2	9.55594	No	51.86018	-0.2	9.55594	No	11317	GLOBAL	Cartesian	37.19311	-0.1	8.23607	No	37.19311	-0.1	8.23607	No
10577	GLOBAL	Cartesian	52.04768	-0.1	9.53736	No	52.04768	-0.1	9.53736	No	11318	GLOBAL	Cartesian	37.19311	-0.2	8.23607	No	37.19311	-0.2	8.23607	No
10578	GLOBAL	Cartesian	52.04768	-0.2	9.53736	No	52.04768	-0.2	9.53736	No	11319	GLOBAL	Cartesian	37.38431	-0.1	8.23252	No	37.38431	-0.1	8.23252	No
10579	GLOBAL	Cartesian	52.23518	-0.1	9.51888	No	52.23518	-0.1	9.51888	No	11320	GLOBAL	Cartesian	37.38431	-0.2	8.23252	No	37.38431	-0.2	8.23252	No
10580	GLOBAL	Cartesian	52.23518	-0.2	9.51888	No	52.23518	-0.2	9.51888	No	11321	GLOBAL	Cartesian	37.5755	-0.1	8.22886	No	37.5755	-0.1	8.22886	No
10581	GLOBAL	Cartesian	52.42268	-0.1	9.50039	No	52.42268	-0.1	9.50039	No	11322	GLOBAL	Cartesian	37.5755	-0.2	8.22886	No	37.5755	-0.2	8.22886	No
10582	GLOBAL	Cartesian	52.42268	-0.2	9.50039	No	52.42268	-0.2	9.50039	No	11323	GLOBAL	Cartesian	37.7667	-0.1	8.2254	No	37.7667	-0.1	8.2254	No
10583	GLOBAL	Cartesian	52.61018	-0.1	9.48191	No	52.61018	-0.1	9.48191	No	11324	GLOBAL	Cartesian	37.7667	-0.2	8.2254	No	37.7667	-0.2	8.2254	No
10584	GLOBAL	Cartesian	52.61018	-0.2	9.48191	No	52.61018	-0.2	9.48191	No	11325	GLOBAL	Cartesian	37.9579	-0.1	8.22184	No	37.9579	-0.1	8.22184	No
10585	GLOBAL	Cartesian	52.79768	-0.1	9.46342	No	52.79768	-0.1	9.46342	No	11326	GLOBAL	Cartesian	37.9579	-0.2	8.22184	No	37.9579	-0.2	8.22184	No
10586	GLOBAL	Cartesian	52.79768	-0.2	9.46342	No	52.79768	-0.2	9.46342	No	11327	GLOBAL	Cartesian	38.14809	-0.1	8.21829	No	38.14809	-0.1	8.21829	No
10587	GLOBAL	Cartesian	52.98518	-0.1	9.44494	No	52.98518	-0.1	9.44494	No	11328	GLOBAL	Cartesian	38.14809	-0.2	8.21829	No	38.14809	-0.2	8.21829	No
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11361	GLOBAL	Cartesian	40.9878	-0.1	8.14680	No	40.9878	-0.1	8.14680	GLOBAL	Cartesian	32.15419	0.2	8.28784	No	32.15419	0.2	8.28784
11362	GLOBAL	Cartesian	40.9878	-0.2	8.14680	No	40.9878	-0.2	8.14680	GLOBAL	Cartesian	32.15419	0.1	8.28784	No	32.15419	0.1	8.28784
11363	GLOBAL	Cartesian	41.1722	-0.1	8.1416	No	41.1722	-0.1	8.1416	GLOBAL	Cartesian	32.5348	0.2	8.28784	No	32.5348	0.2	8.28784
11364	GLOBAL	Cartesian	41.1722	-0.2	8.1416	No	41.1722	-0.2	8.1416	GLOBAL	Cartesian	32.5348	0.1	8.28784	No	32.5348	0.1	8.28784
11365	GLOBAL	Cartesian	41.3563	-0.1	8.13651	No	41.3563	-0.1	8.13651	GLOBAL	Cartesian	32.5318	0.2	8.28784	No	32.5318	0.2	8.28784
11366	GLOBAL	Cartesian	41.3563	-0.2	8.13651	No	41.3563	-0.2	8.13651	GLOBAL	Cartesian	32.5318	0.1	8.28784	No	32.5318	0.1	8.28784
11367	GLOBAL	Cartesian	41.5305	-0.1	8.13142	No	41.5305	-0.1	8.13142	GLOBAL	Cartesian	32.7268	0.2	8.28784	No	32.7268	0.2	8.28784
11368	GLOBAL	Cartesian	41.5305	-0.2	8.13142	No	41.5305	-0.2	8.13142	GLOBAL	Cartesian	32.7268	0.1	8.28784	No	32.7268	0.1	8.28784
11369	GLOBAL	Cartesian	41.7247	-0.1	8.12633	No	41.7247	-0.1	8.12633	GLOBAL	Cartesian	32.8268	0.2	8.28784	No	32.8268	0.2	8.28784
11370	GLOBAL	Cartesian	41.7247	-0.2	8.12633	No	41.7247	-0.2	8.12633	GLOBAL	Cartesian	32.8268	0.1	8.28784	No	32.8268	0.1	8.28784
11371	GLOBAL	Cartesian	41.8258	-0.1	8.12356	No	41.8258	-0.1	8.12356	GLOBAL	Cartesian	32.9268	0.2	8.28784	No	32.9268	0.2	8.28784
11372	GLOBAL	Cartesian	41.8258	-0.2	8.12356	No	41.8258	-0.2	8.12356	GLOBAL	Cartesian	32.9268	0.1	8.28784	No	32.9268	0.1	8.28784
11373	GLOBAL	Cartesian	41.9228	-0.1	8.12078	No	41.9228	-0.1	8.12078	GLOBAL	Cartesian	33.0268	0.2	8.2861	No	33.0268	0.2	8.2861
11374	GLOBAL	Cartesian	41.9228	-0.2	8.12078	No	41.9228	-0.2	8.12078	GLOBAL	Cartesian	33.0268	0.1	8.2861	No	33.0268	0.1	8.2861
11375	GLOBAL	Cartesian	42.0285	-0.1	8.11713	No	42.0285	-0.1	8.11713	GLOBAL	Cartesian	33.1268	0.2	8.2864	No	33.1268	0.2	8.2864
11376	GLOBAL	Cartesian	42.0285	-0.2	8.11713	No	42.0285	-0.2	8.11713	GLOBAL	Cartesian	33.1268	0.1	8.2864	No	33.1268	0.1	8.2864
11377	GLOBAL	Cartesian	42.1202	-0.1	8.11348	No	42.1202	-0.1	8.11348	GLOBAL	Cartesian	33.2778	0.2	8.2864	No	33.2778	0.2	8.2864
11378	GLOBAL	Cartesian	42.1202	-0.2	8.11348	No	42.1202	-0.2	8.11348	GLOBAL	Cartesian	33.2778	0.1	8.2864	No	33.2778	0.1	8.2864
11379	GLOBAL	Cartesian	42.2302	-0.1	8.10726	No	42.2302	-0.1	8.10726	GLOBAL	Cartesian	33.4368	0.2	8.28317	No	33.4368	0.2	8.28317
11380	GLOBAL	Cartesian	42.2302	-0.2	8.10726	No	42.2302	-0.2	8.10726	GLOBAL	Cartesian	33.4368	0.1	8.28317	No	33.4368	0.1	8.28317
11381	GLOBAL	Cartesian	42.4602	-0.1	8.10104	No	42.4602	-0.1	8.10104	GLOBAL	Cartesian	33.56818	0.2	8.28171	No	33.56818	0.2	8.28171
11382	GLOBAL	Cartesian	42.4602	-0.2	8.10104	No	42.4602	-0.2	8.10104	GLOBAL	Cartesian	33.56818	0.1	8.28171	No	33.56818	0.1	8.28171
11383	GLOBAL	Cartesian	42.5952	-0.1	8.09482	No	42.5952	-0.1	8.09482	GLOBAL	Cartesian	33.7283	0.2	8.28025	No	33.7283	0.2	8.28025
11384	GLOBAL	Cartesian	42.5952	-0.2	8.09482	No	42.5952	-0.2	8.09482	GLOBAL	Cartesian	33.7283	0.1	8.28025	No	33.7283	0.1	8.28025
11385	GLOBAL	Cartesian	42.7972	-0.1	8.08861	No	42.7972	-0.1	8.08861	GLOBAL	Cartesian	33.8989	0.2	8.27837	No	33.8989	0.2	8.27837
11386	GLOBAL	Cartesian	42.7972	-0.2	8.08861	No	42.7972	-0.2	8.08861	GLOBAL	Cartesian	33.8989	0.1	8.27837	No	33.8989	0.1	8.27837
11387	GLOBAL	Cartesian	42.8602	-0.1	8.08239	No	42.8602	-0.1	8.08239	GLOBAL	Cartesian	34.13709	0.2	8.27649	No	34.13709	0.2	8.27649
11388	GLOBAL	Cartesian	42.8602	-0.2	8.08239	No	42.8602	-0.2	8.08239	GLOBAL	Cartesian	34.13709	0.1	8.27649	No	34.13709	0.1	8.27649
11389	GLOBAL	Cartesian	43.1618	-0.1	8.07519	No	43.1618	-0.1	8.07519	GLOBAL	Cartesian	34.33529	0.2	8.27462	No	34.33529	0.2	8.27462
11390	GLOBAL	Cartesian	43.1618	-0.2	8.07519	No	43.1618	-0.2	8.07519	GLOBAL	Cartesian	34.33529	0.1	8.27462	No	34.33529	0.1	8.27462
11391	GLOBAL	Cartesian	43.3534	-0.1	8.06799	No	43.3534	-0.1	8.06799	GLOBAL	Cartesian	34.53349	0.2	8.27274	No	34.53349	0.2	8.27274
11392	GLOBAL	Cartesian	43.3534	-0.2	8.06799	No	43.3534	-0.2	8.06799	GLOBAL	Cartesian	34.53349	0.1	8.27274	No	34.53349	0.1	8.27274
11393	GLOBAL	Cartesian	43.5515	-0.1	8.06079	No	43.5515	-0.1	8.06079	GLOBAL	Cartesian	34.73169	0.2	8.27086	No	34.73169	0.2	8.27086
11394	GLOBAL	Cartesian	43.5515	-0.2	8.06079	No	43.5515	-0.2	8.06079	GLOBAL	Cartesian	34.73169	0.1	8.27086	No	34.73169	0.1	8.27086
11395	GLOBAL	Cartesian	43.7487	-0.1	8.05359	No	43.7487	-0.1	8.05359	GLOBAL	Cartesian	35.12809	0.2	8.26711	No	35.12809	0.2	8.26711
11396	GLOBAL	Cartesian	43.7487	-0.2	8.05359	No	43.7487	-0.2	8.05359	GLOBAL	Cartesian	35.12809	0.1	8.26711	No	35.12809	0.1	8.26711
11397	GLOBAL	Cartesian	43.94183	-0.1	8.04639	No	43.94183	-0.1	8.04639	GLOBAL	Cartesian	35.2629	0.2	8.26523	No	35.2629	0.2	8.26523
11398	GLOBAL	Cartesian	43.94183	-0.2	8.04639	No	43.94183	-0.2	8.04639	GLOBAL	Cartesian	35.2629	0.1	8.26523	No	35.2629	0.1	8.26523
11399	GLOBAL	Cartesian	44.13899	-0.1	8.0392	No	44.13899	-0.1	8.0392	GLOBAL	Cartesian	35.5245	0.2	8.26335	No	35.5245	0.2	8.26335
11400	GLOBAL	Cartesian	44.13899	-0.2	8.0392	No	44.13899	-0.2	8.0392	GLOBAL	Cartesian	35.5245	0.1	8.26335	No	35.5245	0.1	8.26335
11401	GLOBAL	Cartesian	44.3215	-0.1	8.032	No	44.3215	-0.1	8.032	GLOBAL	Cartesian	35.7227	0.2	8.26147	No	35.7227	0.2	8.26147
11402	GLOBAL	Cartesian	44.3215	-0.2	8.032	No	44.3215	-0.2	8.032	GLOBAL	Cartesian	35.7227	0.1	8.26147	No	35.7227	0.1	8.26147
11403	GLOBAL	Cartesian	44.5272	-0.1	8.0248	No	44.5272	-0.1	8.0248	GLOBAL	Cartesian	35.92269	0.2	8.25959	No	35.92269	0.2	8.25959
11404	GLOBAL	Cartesian	44.5272	-0.2	8.0248	No	44.5272	-0.2	8.0248	GLOBAL	Cartesian	35.92269	0.1	8.25959	No	35.92269	0.1	8.25959
11405	GLOBAL	Cartesian	44.7248	-0.1	8.0178	No	44.7248	-0.1	8.0178	GLOBAL	Cartesian	36.1268	0.2	8.25778	No	36.1268	0.2	8.25778
11406	GLOBAL	Cartesian	44.7248	-0.2	8.0178	No	44.7248	-0.2	8.0178	GLOBAL	Cartesian	36.1268	0.1	8.25778	No	36.1268	0.1	8.25778
11407	GLOBAL	Cartesian	44.8228	-0.1	8.01391	No	44.8228	-0.1	8.01391	GLOBAL	Cartesian	36.32268	0.2	8.25589	No	36.32268	0.2	8.25589
11408	GLOBAL	Cartesian	44.8228	-0.2	8.01391	No	44.8228	-0.2	8.01391	GLOBAL	Cartesian	36.32268	0.1	8.25589	No	36.32268	0.1	8.25589
11409	GLOBAL	Cartesian	44.9228	-0.1	8.01022	No	44.9228	-0.1	8.01022	GLOBAL	Cartesian	36.5278	0.2	8.25392	No	36.5278	0.2	8.25392
11410	GLOBAL	Cartesian	44.9228	-0.2	8.01022	No	44.9228	-0.2	8.01022	GLOBAL	Cartesian	36.5278	0.1	8.25392	No	36.5278	0.1	8.25392
11411	GLOBAL	Cartesian	45.0228	-0.1	8.00564	No	45.0228	-0.1	8.00564	GLOBAL	Cartesian	36.7268	0.2	8.25207	No	36.7268	0.2	8.25207
11412	GLOBAL	Cartesian	45.0228	-0.2	8.00564	No	45.0228	-0.2	8.00564	GLOBAL	Cartesian	36.7268	0.1	8.25207	No	36.7268	0.1	8.25207
11413	GLOBAL	Cartesian	45.1268	-0.1	8.00107	No	45.1268	-0.1	8.00107	GLOBAL	Cartesian	36.9469	0.2	8.25079	No	36.9469	0.2	8.25079
11414	GLOBAL	Cartesian	45.1268	-0.2	8.00107	No	45.1268	-0.2	8.00107	GLOBAL	Cartesian	36.9469	0.1	8.25079	No	36.9469	0.1	8.25079
11415	GLOBAL	Cartesian	45.3067	-0.1	7.99248	No	45.3067	-0.1	7.99248	GLOBAL	Cartesian	37.1431	0.2	8.24869	No	37.1431	0.2	8.24869
11416	GLOBAL	Cartesian	45.3067	-0.2	7.99248	No	45.3067	-0.2	7.99248	GLOBAL	Cartesian	37.1431	0.1	8.24869	No	37.1431	0.1	8.24869
11417	GLOBAL	Cartesian	45.4958	-0.1	7.98389	No	45.4958	-0.1	7.98389	GLOBAL	Cartesian	37.3431	0.2	8.24659	No	37.3431	0.2	8.24659
11418	GLOBAL	Cartesian	45.4958	-0.2	7.98389	No	45.4958	-0.2	7.98389	GLOBAL	Cartesian	37.3431	0.1	8.24659	No	37.3431	0.1	8.24659
11419	GLOBAL	Cartesian	45.6826	-0.1	7.9753	No	45.6826	-0.1	7.9753	GLOBAL	Cartesian	37.5431	0.2	8.24439	No	37.5431	0.2	8.24439
11420	GLOBAL	Cartesian	45.6826	-0.2	7.9753	No	45.6826	-0.2	7.9753	GLOBAL	Cartesian	37.5431	0.1	8.24439	No	37.5431	0.1	8.24439
11421	GLOBAL	Cartesian	45.8695	-0.1	7.96671	No	45.8695	-0.1	7.96671	GLOBAL	Cartesian	37.7431	0.2	8.24218	No	37.7431	0.2	8.24218
11422	GLOBAL	Cartesian	45.8695	-0.2	7.96671	No	45.8695	-0.2	7.96671	GLOBAL	Cartesian	37.7431	0.1	8.24218	No	37.7431	0.1	8.24218
11423	GLOBAL	Cartesian	46.0564	-0.1	7.95812	No	46.0564	-0.1	7.95812	GLOBAL	Cartesian	37.9431	0.2	8.23967	No	37.9431	0.2	8.23967
11424	GLOBAL	Cartesian	46.0564	-0.2	7.95812	No	46.0564	-0.2	7.95812	GLOBAL	Cartesian	37.9431	0.1	8.23967	No	37.9431	0.1	8.23967
11425	GLOBAL	Cartesian	46.2405	-0.1	7.9496	No	46.2405	-0.1	7.9496	GLOBAL	Cartesian	38.1431	0.2	8.23742	No	38.1431	0.2	8.23742
11426	GLOBAL	Cartesian	46.2405	-0.2	7.9496	No	46.2405	-0.2	7.9496	GLOBAL	Cartesian	38.1431	0.1	8.23742	No	38.1431	0.1	8.23742
11427	GLOBAL	Cartesian	46.4205	-0.1	7.94107	No	46.4205	-0.1	7.94107	GLOBAL	Cartesian	38.3431	0.2	8.23526	No	38.3431	0.2	8.23526
11428	GLOBAL	Cartesian	46.4205	-0.2	7.94107	No	46.4205	-0.2	7.94107	GLOBAL	Cartesian	38.3431	0.1	8.23526	No	38.3431	0.1	8.23526
11429	GLOBAL	Cartesian	46.6125	-0.1	7.93255	No	46.6125	-0.1	7.93255	GLOBAL	Cartesian	38.5431	0.2	8.23286	No	38.5431	0.2	8.23286
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1153	GLOBAL	Cartesian	39.8825	0.1	8.17723	No	39.8825	0.1	8.17722	1.1646	GLOBAL	Cartesian	47.72248	0.2	7.7814	No	47.72348	0.2	7.7814	47.72348	0.2	7.7814	47.72348
1154	GLOBAL	Cartesian	39.8825	0.2	8.17723	No	39.8825	0.2	8.17722	1.1647	GLOBAL	Cartesian	47.72248	0.1	7.7813	No	47.72248	0.1	7.7813	47.72248	0.1	7.7813	47.72248
1155	GLOBAL	Cartesian	40.07167	0.1	8.17213	No	40.07167	0.1	8.17213	1.1648	GLOBAL	Cartesian	47.82258	0.2	7.87679	No	47.82258	0.2	7.87679	47.82258	0.2	7.87679	47.82258
1156	GLOBAL	Cartesian	40.07167	0.2	8.17213	No	40.07167	0.2	8.17213	1.1649	GLOBAL	Cartesian	47.82258	0.1	7.87679	No	47.82258	0.1	7.87679	47.82258	0.1	7.87679	47.82258
1157	GLOBAL	Cartesian	40.25509	0.1	8.16704	No	40.25509	0.1	8.16704	2.1575	GLOBAL	Cartesian	47.92268	0.2	7.87218	No	47.92268	0.2	7.87218	47.92268	0.2	7.87218	47.92268
1158	GLOBAL	Cartesian	40.25509	0.2	8.16704	No	40.25509	0.2	8.16704	2.1576	GLOBAL	Cartesian	47.92268	0.1	7.87218	No	47.92268	0.1	7.87218	47.92268	0.1	7.87218	47.92268
1159	GLOBAL	Cartesian	40.43851	0.1	8.16195	No	40.43851	0.1	8.16195	2.1577	GLOBAL	Cartesian	48.11179	0.2	7.86176	No	48.11179	0.2	7.86176	48.11179	0.2	7.86176	48.11179
1160	GLOBAL	Cartesian	40.43851	0.2	8.16195	No	40.43851	0.2	8.16195	2.1578	GLOBAL	Cartesian	48.11179	0.1	7.86176	No	48.11179	0.1	7.86176	48.11179	0.1	7.86176	48.11179
1161	GLOBAL	Cartesian	40.62194	0.1	8.15697	No	40.62194	0.1	8.15697	2.1579	GLOBAL	Cartesian	48.29918	0.2	7.85142	No	48.29918	0.2	7.85142	48.29918	0.2	7.85142	48.29918
1162	GLOBAL	Cartesian	40.62194	0.2	8.15697	No	40.62194	0.2	8.15697	2.1580	GLOBAL	Cartesian	48.29918	0.1	7.85142	No	48.29918	0.1	7.85142	48.29918	0.1	7.85142	48.29918
1163	GLOBAL	Cartesian	40.80536	0.1	8.15178	No	40.80536	0.1	8.15178	2.1582	GLOBAL	Cartesian	48.46857	0.2	7.84107	No	48.46857	0.2	7.84107	48.46857	0.2	7.84107	48.46857
1164	GLOBAL	Cartesian	40.80536	0.2	8.15178	No	40.80536	0.2	8.15178	2.1583	GLOBAL	Cartesian	48.46857	0.1	7.84107	No	48.46857	0.1	7.84107	48.46857	0.1	7.84107	48.46857
1165	GLOBAL	Cartesian	40.98978	0.1	8.14669	No	40.98978	0.1	8.14669	2.1584	GLOBAL	Cartesian	48.63787	0.2	7.83073	No	48.63787	0.2	7.83073	48.63787	0.2	7.83073	48.63787
1166	GLOBAL	Cartesian	40.98978	0.2	8.14669	No	40.98978	0.2	8.14669	2.1585	GLOBAL	Cartesian	48.63787	0.1	7.83073	No	48.63787	0.1	7.83073	48.63787	0.1	7.83073	48.63787
1167	GLOBAL	Cartesian	41.1722	0.1	8.1416	No	41.1722	0.1	8.1416	2.1586	GLOBAL	Cartesian	48.81136	0.2	7.82039	No	48.81136	0.2	7.82039	48.81136	0.2	7.82039	48.81136
1168	GLOBAL	Cartesian	41.1722	0.2	8.1416	No	41.1722	0.2	8.1416	2.1587	GLOBAL	Cartesian	48.81136	0.1	7.82039	No	48.81136	0.1	7.82039	48.81136	0.1	7.82039	48.81136
1169	GLOBAL	Cartesian	41.35653	0.1	8.13651	No	41.35653	0.1	8.13651	2.1588	GLOBAL	Cartesian	49.04875	0.2	7.81004	No	49.04875	0.2	7.81004	49.04875	0.2	7.81004	49.04875
1170	GLOBAL	Cartesian	41.35653	0.2	8.13651	No	41.35653	0.2	8.13651	2.1589	GLOBAL	Cartesian	49.04875	0.1	7.81004	No	49.04875	0.1	7.81004	49.04875	0.1	7.81004	49.04875
1171	GLOBAL	Cartesian	41.53905	0.1	8.13142	No	41.53905	0.1	8.13142	2.1590	GLOBAL	Cartesian	49.23614	0.2	7.7997	No	49.23614	0.2	7.7997	49.23614	0.2	7.7997	49.23614
1172	GLOBAL	Cartesian	41.53905	0.2	8.13142	No	41.53905	0.2	8.13142	2.1591	GLOBAL	Cartesian	49.23614	0.1	7.7997	No	49.23614	0.1	7.7997	49.23614	0.1	7.7997	49.23614
1173	GLOBAL	Cartesian	41.72247	0.1	8.12633	No	41.72247	0.1	8.12633	2.1592	GLOBAL	Cartesian	49.42354	0.2	7.78936	No	49.42354	0.2	7.78936	49.42354	0.2	7.78936	49.42354
1174	GLOBAL	Cartesian	41.72247	0.2	8.12633	No	41.72247	0.2	8.12633	2.1593	GLOBAL	Cartesian	49.42354	0.1	7.78936	No	49.42354	0.1	7.78936	49.42354	0.1	7.78936	49.42354
1175	GLOBAL	Cartesian	41.90238	0.1	8.12078	No	41.90238	0.1	8.12078	2.1594	GLOBAL	Cartesian	49.61083	0.2	7.77902	No	49.61083	0.2	7.77902	49.61083	0.2	7.77902	49.61083
1176	GLOBAL	Cartesian	41.90238	0.2	8.12078	No	41.90238	0.2	8.12078	2.1595	GLOBAL	Cartesian	49.61083	0.1	7.77902	No	49.61083	0.1	7.77902	49.61083	0.1	7.77902	49.61083
1177	GLOBAL	Cartesian	41.92288	0.1	8.11713	No	41.92288	0.1	8.11713	2.1596	GLOBAL	Cartesian	49.79832	0.2	7.76867	No	49.79832	0.2	7.76867	49.79832	0.2	7.76867	49.79832
1178	GLOBAL	Cartesian	41.92288	0.2	8.11713	No	41.92288	0.2	8.11713	2.1597	GLOBAL	Cartesian	49.79832	0.1	7.76867	No	49.79832	0.1	7.76867	49.79832	0.1	7.76867	49.79832
1179	GLOBAL	Cartesian	42.02295	0.1	8.11173	No	42.02295	0.1	8.11173	2.1598	GLOBAL	Cartesian	49.98572	0.2	7.75833	No	49.98572	0.2	7.75833	49.98572	0.2	7.75833	49.98572
1180	GLOBAL	Cartesian	42.02295	0.2	8.11173	No	42.02295	0.2	8.11173	2.1599	GLOBAL	Cartesian	49.98572	0.1	7.75833	No	49.98572	0.1	7.75833	49.98572	0.1	7.75833	49.98572
1181	GLOBAL	Cartesian	42.12302	0.1	8.11348	No	42.12302	0.1	8.11348	2.1600	GLOBAL	Cartesian	50.17311	0.2	7.74799	No	50.17311	0.2	7.74799	50.17311	0.2	7.74799	50.17311
1182	GLOBAL	Cartesian	42.12302	0.2	8.11348	No	42.12302	0.2	8.11348	2.1601	GLOBAL	Cartesian	50.17311	0.1	7.74799	No	50.17311	0.1	7.74799	50.17311	0.1	7.74799	50.17311
1183	GLOBAL	Cartesian	42.29162	0.1	8.10726	No	42.29162	0.1	8.10726	2.1602	GLOBAL	Cartesian	50.3605	0.2	7.73764	No	50.3605	0.2	7.73764	50.3605	0.2	7.73764	50.3605
1184	GLOBAL	Cartesian	42.29162	0.2	8.10726	No	42.29162	0.2	8.10726	2.1603	GLOBAL	Cartesian	50.3605	0.1	7.73764	No	50.3605	0.1	7.73764	50.3605	0.1	7.73764	50.3605
1185	GLOBAL	Cartesian	42.46822	0.1	8.10104	No	42.46822	0.1	8.10104	2.1604	GLOBAL	Cartesian	50.54769	0.2	7.7273	No	50.54769	0.2	7.7273	50.54769	0.2	7.7273	50.54769
1186	GLOBAL	Cartesian	42.46822	0.2	8.10104	No	42.46822	0.2	8.10104	2.1605	GLOBAL	Cartesian	50.54769	0.1	7.7273	No	50.54769	0.1	7.7273	50.54769	0.1	7.7273	50.54769
1187	GLOBAL	Cartesian	42.64832	0.1	8.09482	No	42.64832	0.1	8.09482	2.1606	GLOBAL	Cartesian	50.73259	0.2	7.71696	No	50.73259	0.2	7.71696	50.73259	0.2	7.71696	50.73259
1188	GLOBAL	Cartesian	42.64832	0.2	8.09482	No	42.64832	0.2	8.09482	2.1607	GLOBAL	Cartesian	50.73259	0.1	7.71696	No	50.73259	0.1	7.71696	50.73259	0.1	7.71696	50.73259
1189	GLOBAL	Cartesian	42.79742	0.1	8.08861	No	42.79742	0.1	8.08861	2.1608	GLOBAL	Cartesian	50.92288	0.2	7.70662	No	50.92288	0.2	7.70662	50.92288	0.2	7.70662	50.92288
1190	GLOBAL	Cartesian	42.79742	0.2	8.08861	No	42.79742	0.2	8.08861	2.1609	GLOBAL	Cartesian	50.92288	0.1	7.70662	No	50.92288	0.1	7.70662	50.92288	0.1	7.70662	50.92288
1191	GLOBAL	Cartesian	42.86602	0.1	8.08239	No	42.86602	0.1	8.08239	2.1610	GLOBAL	Cartesian	51.11018	0.2	7.69537	No	51.11018	0.2	7.69537	51.11018	0.2	7.69537	51.11018
1192	GLOBAL	Cartesian	42.86602	0.2	8.08239	No	42.86602	0.2	8.08239	2.1611	GLOBAL	Cartesian	51.11018	0.1	7.69537	No	51.11018	0.1	7.69537	51.11018	0.1	7.69537	51.11018
1193	GLOBAL	Cartesian	43.16118	0.1	8.07519	No	43.16118	0.1	8.07519	2.1612	GLOBAL	Cartesian	51.29768	0.2	7.68412	No	51.29768	0.2	7.68412	51.29768	0.2	7.68412	51.29768
1194	GLOBAL	Cartesian	43.16118	0.2	8.07519	No	43.16118	0.2	8.07519	2.1613	GLOBAL	Cartesian	51.29768	0.1	7.68412	No	51.29768	0.1	7.68412	51.29768	0.1	7.68412	51.29768
1195	GLOBAL	Cartesian	43.35634	0.1	8.06799	No	43.35634	0.1	8.06799	2.1614	GLOBAL	Cartesian	51.48518	0.2	7.67287	No	51.48518	0.2	7.67287	51.48518	0.2	7.67287	51.48518
1196	GLOBAL	Cartesian	43.35634	0.2	8.06799	No	43.35634	0.2	8.06799	2.1615	GLOBAL	Cartesian	51.48518	0.1	7.67287	No	51.48518	0.1	7.67287	51.48518	0.1	7.67287	51.48518
1197	GLOBAL	Cartesian	43.53515	0.1	8.06079	No	43.53515	0.1	8.06079	2.1616	GLOBAL	Cartesian	51.67268	0.2	7.66162	No	51.67268	0.2	7.66162	51.67268	0.2	7.66162	51.67268
1198	GLOBAL	Cartesian	43.53515	0.2	8.06079	No	43.53515	0.2	8.06079	2.1617	GLOBAL	Cartesian	51.67268	0.1	7.66162	No	51.67268	0.1	7.66162	51.67268	0.1	7.66162	51.67268
1199	GLOBAL	Cartesian	43.74687	0.1	8.05559	No	43.74687	0.1	8.05559	2.1618	GLOBAL	Cartesian	51.86018	0.2	7.65037	No	51.86018	0.2	7.65037	51.86018	0.2	7.65037	51.86018
1200	GLOBAL	Cartesian	43.74687	0.2	8.05559	No	43.74687	0.2	8.05559	2.1619	GLOBAL	Cartesian	51.86018	0.1	7.65037	No	51.86018	0.1	7.65037	51.86018	0.1	7.65037	51.86018
1201	GLOBAL	Cartesian	43.94183	0.1	8.04639	No	43.94183	0.1	8.04639	2.1620	GLOBAL	Cartesian	52.04768	0.2	7.63912	No	52.04768	0.2	7.63912	52.04768	0.2	7.63912	52.04768
1202	GLOBAL	Cartesian	43.94183	0.2	8.04639	No	43.94183	0.2	8.04639	2.1621	GLOBAL	Cartesian	52.04768	0.1	7.63912	No	52.04768	0.1	7.63912	52.04768	0.1	7.63912	52.04768
1203	GLOBAL	Cartesian	44.13699	0.1	8.0392	No	44.13699	0.1	8.0392	2.1622	GLOBAL	Cartesian	52.23518	0.2	7.62787	No	52.23518	0.2	7.62787	52.23518	0.2	7.62787	52.23518
1204	GLOBAL	Cartesian	44.13699	0.2	8.0392	No	44.13699	0.2	8.0392	2.1623	GLOBAL	Cartesian	52.23518	0.1	7.62787	No	52.23518	0.1	7.62787	52.23518	0.1</		

21655	GLOBAL	Cartesian	50.17311	-0.1	7.74799	No	50.17311	-0.1	7.74799	21759	GLOBAL	Cartesian	21.12289	1.281E-15	8.83454	No	21.12289	1.281E-15	8.83454
21656	GLOBAL	Cartesian	50.17311	-0.2	7.74799	No	50.17311	-0.2	7.74799	21760	GLOBAL	Cartesian	20.72238	1.31E-15	8.82452	No	20.72238	1.31E-15	8.82452
21657	GLOBAL	Cartesian	50.3605	-0.1	7.73764	No	50.3605	-0.1	7.73764	21761	GLOBAL	Cartesian	17.82272	1.63E-15	8.72113	No	17.82272	1.63E-15	8.72113
21658	GLOBAL	Cartesian	50.3605	-0.2	7.73764	No	50.3605	-0.2	7.73764	21762	GLOBAL	Cartesian	18.12292	1.629E-15	8.73	No	18.12292	1.629E-15	8.73
21659	GLOBAL	Cartesian	50.54789	-0.1	7.7273	No	50.54789	-0.1	7.7273	21763	GLOBAL	Cartesian	17.7272	1.678E-15	8.71228	No	17.7272	1.678E-15	8.71228
21670	GLOBAL	Cartesian	50.54789	-0.2	7.7273	No	50.54789	-0.2	7.7273	21764	GLOBAL	Cartesian	14.92272	2.021E-15	8.58589	No	14.92272	2.021E-15	8.58589
21671	GLOBAL	Cartesian	50.73529	-0.1	7.71696	No	50.73529	-0.1	7.71696	21765	GLOBAL	Cartesian	15.12292	1.996E-15	8.5952	No	15.12292	1.996E-15	8.5952
21672	GLOBAL	Cartesian	50.73529	-0.2	7.71696	No	50.73529	-0.2	7.71696	21766	GLOBAL	Cartesian	26.92272	5.511E-16	8.25958	No	26.92272	5.511E-16	8.25958
21673	GLOBAL	Cartesian	50.92268	-0.1	7.70662	No	50.92268	-0.1	7.70662	21767	GLOBAL	Cartesian	27.1227	5.268E-16	8.26147	No	27.1227	5.268E-16	8.26147
21674	GLOBAL	Cartesian	50.92268	-0.2	7.70662	No	50.92268	-0.2	7.70662	21768	GLOBAL	Cartesian	26.92272	5.758E-16	8.25599	No	26.92272	5.758E-16	8.25599
21675	GLOBAL	Cartesian	51.11018	-0.1	7.69337	No	51.11018	-0.1	7.69337	21769	GLOBAL	Cartesian	23.92272	9.185E-16	8.20389	No	23.92272	9.185E-16	8.20389
21676	GLOBAL	Cartesian	51.11018	-0.2	7.69337	No	51.11018	-0.2	7.69337	21770	GLOBAL	Cartesian	22.72272	9.431E-16	8.19943	No	22.72272	9.431E-16	8.19943
21677	GLOBAL	Cartesian	51.29768	-0.1	7.68412	No	51.29768	-0.1	7.68412	21771	GLOBAL	Cartesian	20.92272	1.289E-15	8.12078	No	20.92272	1.289E-15	8.12078
21678	GLOBAL	Cartesian	51.29768	-0.2	7.68412	No	51.29768	-0.2	7.68412	21772	GLOBAL	Cartesian	21.12293	1.261E-15	8.12533	No	21.12293	1.261E-15	8.12533
21679	GLOBAL	Cartesian	51.46518	-0.1	7.67287	No	51.46518	-0.1	7.67287	21773	GLOBAL	Cartesian	20.72238	1.31E-15	8.11349	No	20.72238	1.31E-15	8.11349
21680	GLOBAL	Cartesian	51.46518	-0.2	7.67287	No	51.46518	-0.2	7.67287	21774	GLOBAL	Cartesian	17.72272	1.678E-15	8.00107	No	17.72272	1.678E-15	8.00107
21681	GLOBAL	Cartesian	51.67288	-0.1	7.66162	No	51.67288	-0.1	7.66162	21775	GLOBAL	Cartesian	17.92272	1.653E-15	8.01022	No	17.92272	1.653E-15	8.01022
21682	GLOBAL	Cartesian	51.67288	-0.2	7.66162	No	51.67288	-0.2	7.66162	21776	GLOBAL	Cartesian	18.12292	1.629E-15	8.0176	No	18.12292	1.629E-15	8.0176
21683	GLOBAL	Cartesian	51.86018	-0.1	7.65037	No	51.86018	-0.1	7.65037	21777	GLOBAL	Cartesian	14.92272	2.021E-15	8.6718	No	14.92272	2.021E-15	8.6718
21684	GLOBAL	Cartesian	51.86018	-0.2	7.65037	No	51.86018	-0.2	7.65037	21778	GLOBAL	Cartesian	14.92272	2.021E-15	8.6718	No	14.92272	2.021E-15	8.6718
21685	GLOBAL	Cartesian	52.04768	-0.1	7.63912	No	52.04768	-0.1	7.63912	21779	GLOBAL	Cartesian	15.12292	1.996E-15	8.7849	No	15.12292	1.996E-15	8.7849
21686	GLOBAL	Cartesian	52.04768	-0.2	7.63912	No	52.04768	-0.2	7.63912	21780	GLOBAL	Cartesian	11.92272	2.388E-15	8.64759	No	11.92272	2.388E-15	8.64759
21687	GLOBAL	Cartesian	52.23818	-0.1	7.6287	No	52.23818	-0.1	7.6287	21781	GLOBAL	Cartesian	8.92272	2.755E-15	8.30079	No	8.92272	2.755E-15	8.30079
21688	GLOBAL	Cartesian	52.42268	-0.1	7.61662	No	52.42268	-0.1	7.61662	21782	GLOBAL	Cartesian	8.92272	2.755E-15	8.30079	No	8.92272	2.755E-15	8.30079
21689	GLOBAL	Cartesian	52.42268	-0.2	7.61662	No	52.42268	-0.2	7.61662	21783	GLOBAL	Cartesian	8.92272	2.755E-15	8.30079	No	8.92272	2.755E-15	8.30079
21690	GLOBAL	Cartesian	52.61018	-0.1	7.60537	No	52.61018	-0.1	7.60537	21784	GLOBAL	Cartesian	29.10472	2.839E-16	8.99636	No	29.10472	2.839E-16	8.99636
21691	GLOBAL	Cartesian	52.61018	-0.2	7.60537	No	52.61018	-0.2	7.60537	21785	GLOBAL	Cartesian	29.10472	2.839E-16	8.99636	No	29.10472	2.839E-16	8.99636
21692	GLOBAL	Cartesian	52.61018	-0.1	7.60537	No	52.61018	-0.1	7.60537	21786	GLOBAL	Cartesian	28.03468	6.598E-16	8.95549	No	28.03468	6.598E-16	8.95549
21693	GLOBAL	Cartesian	52.79768	-0.1	7.59412	No	52.79768	-0.1	7.59412	21787	GLOBAL	Cartesian	28.03468	6.598E-16	8.95549	No	28.03468	6.598E-16	8.95549
21694	GLOBAL	Cartesian	52.79768	-0.2	7.59412	No	52.79768	-0.2	7.59412	21788	GLOBAL	Cartesian	22.95715	1.037E-15	8.88964	No	22.95715	1.037E-15	8.88964
21695	GLOBAL	Cartesian	52.96518	-0.1	7.58287	No	52.96518	-0.1	7.58287	21789	GLOBAL	Cartesian	22.95715	1.037E-15	8.88964	No	22.95715	1.037E-15	8.88964
21696	GLOBAL	Cartesian	52.96518	-0.2	7.58287	No	52.96518	-0.2	7.58287	21790	GLOBAL	Cartesian	18.97938	1.414E-15	8.79499	No	18.97938	1.414E-15	8.79499
21697	GLOBAL	Cartesian	53.17268	-0.1	7.57162	No	53.17268	-0.1	7.57162	21791	GLOBAL	Cartesian	18.97938	1.414E-15	8.79499	No	18.97938	1.414E-15	8.79499
21698	GLOBAL	Cartesian	53.17268	-0.2	7.57162	No	53.17268	-0.2	7.57162	21792	GLOBAL	Cartesian	16.78768	1.722E-15	8.69297	No	16.78768	1.722E-15	8.69297
21699	GLOBAL	Cartesian	53.38018	-0.1	7.56037	No	53.38018	-0.1	7.56037	21793	GLOBAL	Cartesian	16.78768	1.722E-15	8.69297	No	16.78768	1.722E-15	8.69297
21700	GLOBAL	Cartesian	53.38018	-0.2	7.56037	No	53.38018	-0.2	7.56037	21794	GLOBAL	Cartesian	27.38314	4.937E-16	10.96944	No	27.38314	4.937E-16	10.96944
21701	GLOBAL	Cartesian	53.54788	-0.1	7.54912	No	53.54788	-0.1	7.54912	21795	GLOBAL	Cartesian	27.12272	5.206E-16	10.98314	No	27.12272	5.206E-16	10.98314
21702	GLOBAL	Cartesian	53.54788	-0.2	7.54912	No	53.54788	-0.2	7.54912	21796	GLOBAL	Cartesian	24.39653	8.604E-16	10.67699	No	24.39653	8.604E-16	10.67699
21703	GLOBAL	Cartesian	53.73518	-0.1	7.53787	No	53.73518	-0.1	7.53787	21797	GLOBAL	Cartesian	24.12272	8.94E-16	10.38222	No	24.12272	8.94E-16	10.38222
21704	GLOBAL	Cartesian	53.73518	-0.2	7.53787	No	53.73518	-0.2	7.53787	21798	GLOBAL	Cartesian	21.43405	1.223E-15	10.34944	No	21.43405	1.223E-15	10.34944
21705	GLOBAL	Cartesian	53.92368	-0.1	7.52662	No	53.92368	-0.1	7.52662	21799	GLOBAL	Cartesian	21.12293	1.261E-15	10.1163	No	21.12293	1.261E-15	10.1163
21706	GLOBAL	Cartesian	53.92368	-0.2	7.52662	No	53.92368	-0.2	7.52662	21800	GLOBAL	Cartesian	18.47934	1.585E-15	10.05336	No	18.47934	1.585E-15	10.05336
21707	GLOBAL	Cartesian	1.592E-16	-0.1	11.44246	No	30.12272	1.592E-16	11.44246	21801	GLOBAL	Cartesian	18.12292	1.629E-15	9.83903	No	18.12292	1.629E-15	9.83903
21708	GLOBAL	Cartesian	1.592E-16	-0.2	11.44246	No	30.12272	1.592E-16	11.44246	21802	GLOBAL	Cartesian	15.51979	1.947E-15	9.8879	No	15.51979	1.947E-15	9.8879
21709	GLOBAL	Cartesian	1.837E-16	-0.1	11.4274	No	28.92272	1.837E-16	11.4274	21803	GLOBAL	Cartesian	15.51979	1.947E-15	9.8879	No	15.51979	1.947E-15	9.8879
21710	GLOBAL	Cartesian	1.837E-16	-0.2	11.4274	No	28.92272	1.837E-16	11.4274	21804	GLOBAL	Cartesian	16.12292	1.956E-16	11.35027	No	16.12292	1.956E-16	11.35027
21711	GLOBAL	Cartesian	2.082E-16	-0.1	11.40303	No	29.72272	2.082E-16	11.40303	21805	GLOBAL	Cartesian	30.33374	1.334E-16	11.28229	No	30.33374	1.334E-16	11.28229
21712	GLOBAL	Cartesian	2.082E-16	-0.2	11.40303	No	29.72272	2.082E-16	11.40303	21806	GLOBAL	Cartesian	30.12272	1.582E-16	10.92265	No	30.12272	1.582E-16	10.92265
21713	GLOBAL	Cartesian	1.592E-16	-0.1	9.003	No	30.12272	1.592E-16	9.003	21807	GLOBAL	Cartesian	31.12971	3.588E-17	9.97156	No	31.12971	3.588E-17	9.97156
21714	GLOBAL	Cartesian	1.837E-16	-0.1	9.00111	No	29.92272	1.837E-16	9.00111	21808	GLOBAL	Cartesian	30.64939	9.041E-17	9.00832	No	30.64939	9.041E-17	9.00832
21715	GLOBAL	Cartesian	1.837E-16	-0.2	9.00111	No	29.92272	1.837E-16	9.00111	21809	GLOBAL	Cartesian	30.69121	9.041E-17	8.97874	No	30.69121	9.041E-17	8.97874
21716	GLOBAL	Cartesian	1.592E-16	-0.1	8.28794	No	30.12272	1.592E-16	8.28794	21810	GLOBAL	Cartesian	31.23701	11.55231	No	31.23701	2.274E-17	11.55231	
21717	GLOBAL	Cartesian	2.082E-16	-0.2	8.99921	No	29.72272	2.082E-16	8.99921	21811	GLOBAL	Cartesian	31.23701	11.45182	No	31.23701	2.274E-17	11.45182	
21718	GLOBAL	Cartesian	2.082E-16	-0.1	8.2861	No	29.72272	2.082E-16	8.2861	21812	GLOBAL	Cartesian	31.23701	11.35134	No	31.23701	2.274E-17	11.35134	
21719	GLOBAL	Cartesian	8.268E-16	-0.1	11.4671	No	27.12272	8.268E-16	11.4671	21813	GLOBAL	Cartesian	31.05729	4.594E-17	11.534	No	31.05729	4.594E-17	11.534
21720	GLOBAL	Cartesian	10.94571	-0.1	10.94571	No	27.12272	10.94571	10.94571	21814	GLOBAL	Cartesian	31.05729	4.594E-17	11.534	No	31.05729	4.594E-17	11.534
21721	GLOBAL	Cartesian	10.92003	-0.1	10.92003	No	26.92272	10.92003	10.92003	21815	GLOBAL	Cartesian	30.85558	6.823E-17	11.51569	No	30.85558	6.823E-17	11.51569
21722	GLOBAL	Cartesian	5.759E-16	-0.1	10.10728	No	26.92272	5.759E-16	10.10728	21816	GLOBAL	Cartesian	30.85558	6.823E-17	11.51569	No	30.85558	6.823E-17	11.51569
21723	GLOBAL	Cartesian	5.759E-16	-0.2	10.10728	No	26.92272	5.759E-16	10.10728	21817	GLOBAL	Cartesian	30.85558	6.823E-17	11.51569	No	30.85558	6.823E-17	11.51569
21724	GLOBAL	Cartesian	1.31E-15	-0.1	10.90631	No	26.92272	1.31E-15	10.90631	21818	GLOBAL	Cartesian	30.67986	9.097E-17	11.49738	No	30.67986	9.097E-17	

22410	GLOBAL	Cartesian	28.31191	3.890E-16	8.27274 No	28.31191	3.890E-16	8.27274	22503	GLOBAL	Cartesian	22.50051	9.665E-16	8.19313 No	22.50051	9.665E-16	8.19313
22411	GLOBAL	Cartesian	28.11369	4.002E-16	8.98433 No	28.11369	4.002E-16	8.98433	22504	GLOBAL	Cartesian	22.33393	9.890E-16	8.29053	22.33393	9.890E-16	8.29053
22412	GLOBAL	Cartesian	28.11327	4.002E-16	8.80520 No	28.11327	4.002E-16	8.80520	22505	GLOBAL	Cartesian	22.33839	9.890E-16	8.27158 No	22.33839	9.890E-16	8.27158
22413	GLOBAL	Cartesian	28.1137	4.002E-16	8.62715 No	28.1137	4.002E-16	8.62715	22506	GLOBAL	Cartesian	22.33839	9.890E-16	8.54566 No	22.33839	9.890E-16	8.54566
22414	GLOBAL	Cartesian	28.1137	4.002E-16	8.449 No	28.1137	4.002E-16	8.449	22507	GLOBAL	Cartesian	22.33839	9.890E-16	8.36574 No	22.33839	9.890E-16	8.36574
22415	GLOBAL	Cartesian	28.11371	4.002E-16	8.27088 No	28.11371	4.002E-16	8.27088	22508	GLOBAL	Cartesian	22.33839	9.890E-16	8.18782 No	22.33839	9.890E-16	8.18782
22416	GLOBAL	Cartesian	27.91549	4.295E-16	8.98145 No	27.91549	4.295E-16	8.98145	22509	GLOBAL	Cartesian	22.34827	9.890E-16	8.89457 No	22.34827	9.890E-16	8.89457
22417	GLOBAL	Cartesian	27.91549	4.295E-16	8.80333 No	27.91549	4.295E-16	8.80333	22510	GLOBAL	Cartesian	22.34827	9.890E-16	8.71656 No	22.34827	9.890E-16	8.71656
22418	GLOBAL	Cartesian	27.9155	4.295E-16	8.62522 No	27.9155	4.295E-16	8.62522	22511	GLOBAL	Cartesian	22.34827	9.890E-16	8.53855 No	22.34827	9.890E-16	8.53855
22419	GLOBAL	Cartesian	27.91551	4.295E-16	8.4471 No	27.91551	4.295E-16	8.4471	22512	GLOBAL	Cartesian	22.34827	9.890E-16	8.36053 No	22.34827	9.890E-16	8.36053
22420	GLOBAL	Cartesian	27.91551	4.295E-16	8.28688 No	27.91551	4.295E-16	8.28688	22513	GLOBAL	Cartesian	22.34827	9.890E-16	8.18652 No	22.34827	9.890E-16	8.18652
22421	GLOBAL	Cartesian	27.91551	4.295E-16	8.0137 No	27.91551	4.295E-16	8.0137	22514	GLOBAL	Cartesian	22.34827	9.890E-16	8.53343 No	22.34827	9.890E-16	8.53343
22422	GLOBAL	Cartesian	27.71729	4.539E-16	8.80137 No	27.71729	4.539E-16	8.80137	22515	GLOBAL	Cartesian	22.34827	9.890E-16	8.107E-15	22.34827	9.890E-16	8.107E-15
22423	GLOBAL	Cartesian	27.71729	4.539E-16	8.62323 No	27.71729	4.539E-16	8.62323	22516	GLOBAL	Cartesian	22.34827	9.890E-16	8.35633 No	22.34827	9.890E-16	8.35633
22424	GLOBAL	Cartesian	27.7173	4.539E-16	8.44519 No	27.7173	4.539E-16	8.44519	22517	GLOBAL	Cartesian	22.34827	9.890E-16	8.106E-15	22.34827	9.890E-16	8.106E-15
22425	GLOBAL	Cartesian	27.71731	4.539E-16	8.26711 No	27.71731	4.539E-16	8.26711	22518	GLOBAL	Cartesian	22.34827	9.890E-16	8.89453 No	22.34827	9.890E-16	8.89453
22426	GLOBAL	Cartesian	27.51908	4.78E-16	8.97748 No	27.51908	4.78E-16	8.97748	22519	GLOBAL	Cartesian	22.34827	9.890E-16	8.706E-15	22.34827	9.890E-16	8.706E-15
22427	GLOBAL	Cartesian	27.51908	4.78E-16	8.79342 No	27.51908	4.78E-16	8.79342	22520	GLOBAL	Cartesian	22.34827	9.890E-16	8.35023 No	22.34827	9.890E-16	8.35023
22428	GLOBAL	Cartesian	27.51909	4.78E-16	8.62133 No	27.51909	4.78E-16	8.62133	22521	GLOBAL	Cartesian	22.34827	9.890E-16	8.17213 No	22.34827	9.890E-16	8.17213
22429	GLOBAL	Cartesian	27.5191	4.78E-16	8.44320 No	27.5191	4.78E-16	8.44320	22522	GLOBAL	Cartesian	22.34827	9.890E-16	8.79242 No	22.34827	9.890E-16	8.79242
22430	GLOBAL	Cartesian	27.51911	4.78E-16	8.26523 No	27.51911	4.78E-16	8.26523	22523	GLOBAL	Cartesian	22.34827	9.890E-16	8.70133 No	22.34827	9.890E-16	8.70133
22431	GLOBAL	Cartesian	27.32027	5.022E-16	8.97584 No	27.32027	5.022E-16	8.97584	22524	GLOBAL	Cartesian	22.34827	9.890E-16	8.52523 No	22.34827	9.890E-16	8.52523
22432	GLOBAL	Cartesian	27.32028	5.022E-16	8.79342 No	27.32028	5.022E-16	8.79342	22525	GLOBAL	Cartesian	22.34827	9.890E-16	8.103E-15	22.34827	9.890E-16	8.103E-15
22433	GLOBAL	Cartesian	27.32029	5.022E-16	8.61438 No	27.32029	5.022E-16	8.61438	22526	GLOBAL	Cartesian	22.34827	9.890E-16	8.87431 No	22.34827	9.890E-16	8.87431
22434	GLOBAL	Cartesian	27.3203	5.022E-16	8.43419 No	27.3203	5.022E-16	8.43419	22527	GLOBAL	Cartesian	22.34827	9.890E-16	8.100E-15	22.34827	9.890E-16	8.100E-15
22435	GLOBAL	Cartesian	27.32039	5.022E-16	8.26333 No	27.32039	5.022E-16	8.26333	22528	GLOBAL	Cartesian	22.34827	9.890E-16	8.69622 No	22.34827	9.890E-16	8.69622
22436	GLOBAL	Cartesian	26.55071	5.996E-16	8.96404 No	26.55071	5.996E-16	8.96404	22529	GLOBAL	Cartesian	22.34827	9.890E-16	8.51813 No	22.34827	9.890E-16	8.51813
22437	GLOBAL	Cartesian	26.55071	5.996E-16	8.78622 No	26.55071	5.996E-16	8.78622	22530	GLOBAL	Cartesian	22.34827	9.890E-16	8.100E-15	22.34827	9.890E-16	8.100E-15
22438	GLOBAL	Cartesian	26.55071	5.996E-16	8.60841 No	26.55071	5.996E-16	8.60841	22531	GLOBAL	Cartesian	22.34827	9.890E-16	8.34004 No	22.34827	9.890E-16	8.34004
22439	GLOBAL	Cartesian	26.55071	5.996E-16	8.4306 No	26.55071	5.996E-16	8.4306	22532	GLOBAL	Cartesian	22.34827	9.890E-16	8.109E-15	22.34827	9.890E-16	8.109E-15
22440	GLOBAL	Cartesian	26.55071	5.996E-16	8.25279 No	26.55071	5.996E-16	8.25279	22533	GLOBAL	Cartesian	22.34827	9.890E-16	8.8862 No	22.34827	9.890E-16	8.8862
22441	GLOBAL	Cartesian	26.337	6.177E-16	8.96119 No	26.337	6.177E-16	8.96119	22534	GLOBAL	Cartesian	22.34827	9.890E-16	8.69112 No	22.34827	9.890E-16	8.69112
22442	GLOBAL	Cartesian	26.337	6.177E-16	8.78323 No	26.337	6.177E-16	8.78323	22535	GLOBAL	Cartesian	22.34827	9.890E-16	8.51303 No	22.34827	9.890E-16	8.51303
22443	GLOBAL	Cartesian	26.337	6.177E-16	8.60353 No	26.337	6.177E-16	8.60353	22536	GLOBAL	Cartesian	22.34827	9.890E-16	8.33945 No	22.34827	9.890E-16	8.33945
22444	GLOBAL	Cartesian	26.337	6.177E-16	8.42438 No	26.337	6.177E-16	8.42438	22537	GLOBAL	Cartesian	22.34827	9.890E-16	8.102E-15	22.34827	9.890E-16	8.102E-15
22445	GLOBAL	Cartesian	26.337	6.177E-16	8.24569 No	26.337	6.177E-16	8.24569	22538	GLOBAL	Cartesian	22.34827	9.890E-16	8.87074 No	22.34827	9.890E-16	8.87074
22446	GLOBAL	Cartesian	26.20069	6.388E-16	8.95834 No	26.20069	6.388E-16	8.95834	22539	GLOBAL	Cartesian	22.34827	9.890E-16	8.104E-15	22.34827	9.890E-16	8.104E-15
22447	GLOBAL	Cartesian	26.20069	6.388E-16	8.78033 No	26.20069	6.388E-16	8.78033	22540	GLOBAL	Cartesian	22.34827	9.890E-16	8.87311 No	22.34827	9.890E-16	8.87311
22448	GLOBAL	Cartesian	26.20069	6.388E-16	8.608E-16	26.20069	6.388E-16	8.608E-16	22541	GLOBAL	Cartesian	22.34827	9.890E-16	8.32966 No	22.34827	9.890E-16	8.32966
22449	GLOBAL	Cartesian	26.20069	6.388E-16	8.42038 No	26.20069	6.388E-16	8.42038	22542	GLOBAL	Cartesian	22.34827	9.890E-16	8.104E-15	22.34827	9.890E-16	8.104E-15
22450	GLOBAL	Cartesian	26.20069	6.388E-16	8.24639 No	26.20069	6.388E-16	8.24639	22543	GLOBAL	Cartesian	22.34827	9.890E-16	8.85988 No	22.34827	9.890E-16	8.85988
22451	GLOBAL	Cartesian	26.03468	6.596E-16	8.77741 No	26.03468	6.596E-16	8.77741	22544	GLOBAL	Cartesian	22.34827	9.890E-16	8.50091 No	22.34827	9.890E-16	8.50091
22452	GLOBAL	Cartesian	26.03468	6.596E-16	8.59934 No	26.03468	6.596E-16	8.59934	22545	GLOBAL	Cartesian	22.34827	9.890E-16	8.109E-15	22.34827	9.890E-16	8.109E-15
22453	GLOBAL	Cartesian	26.03468	6.596E-16	8.42128 No	26.03468	6.596E-16	8.42128	22546	GLOBAL	Cartesian	22.34827	9.890E-16	8.32478 No	22.34827	9.890E-16	8.32478
22454	GLOBAL	Cartesian	25.84348	6.832E-16	8.95191 No	25.84348	6.832E-16	8.95191	22547	GLOBAL	Cartesian	22.34827	9.890E-16	8.106E-15	22.34827	9.890E-16	8.106E-15
22455	GLOBAL	Cartesian	25.84348	6.832E-16	8.77311 No	25.84348	6.832E-16	8.77311	22548	GLOBAL	Cartesian	22.34827	9.890E-16	8.85377 No	22.34827	9.890E-16	8.85377
22456	GLOBAL	Cartesian	25.63438	6.832E-16	8.59577 No	25.63438	6.832E-16	8.59577	22549	GLOBAL	Cartesian	22.34827	9.890E-16	8.49774 No	22.34827	9.890E-16	8.49774
22457	GLOBAL	Cartesian	25.63438	6.832E-16	8.4177 No	25.63438	6.832E-16	8.4177	22550	GLOBAL	Cartesian	22.34827	9.890E-16	8.106E-15	22.34827	9.890E-16	8.106E-15
22458	GLOBAL	Cartesian	25.48448	6.832E-16	8.23963 No	25.48448	6.832E-16	8.23963	22551	GLOBAL	Cartesian	22.34827	9.890E-16	8.31967 No	22.34827	9.890E-16	8.31967
22459	GLOBAL	Cartesian	25.65229	7.006E-16	8.94833 No	25.65229	7.006E-16	8.94833	22552	GLOBAL	Cartesian	22.34827	9.890E-16	8.106E-15	22.34827	9.890E-16	8.106E-15
22460	GLOBAL	Cartesian	25.65229	7.006E-16	8.77027 No	25.65229	7.006E-16	8.77027	22553	GLOBAL	Cartesian	22.34827	9.890E-16	8.84876 No	22.34827	9.890E-16	8.84876
22461	GLOBAL	Cartesian	25.65229	7.006E-16	8.5922 No	25.65229	7.006E-16	8.5922	22554	GLOBAL	Cartesian	22.34827	9.890E-16	8.106E-15	22.34827	9.890E-16	8.106E-15
22462	GLOBAL	Cartesian	25.65229	7.006E-16	8.41414 No	25.65229	7.006E-16	8.41414	22555	GLOBAL	Cartesian	22.34827	9.890E-16	8.48524 No	22.34827	9.890E-16	8.48524
22463	GLOBAL	Cartesian	25.65229	7.006E-16	8.23807 No	25.65229	7.006E-16	8.23807	22556	GLOBAL	Cartesian	22.34827	9.890E-16	8.31457 No	22.34827	9.890E-16	8.31457
22464	GLOBAL	Cartesian	25.46109	7.301E-16	8.94478 No	25.46109	7.301E-16	8.94478	22557	GLOBAL	Cartesian	22.34827	9.890E-16	8.106E-15	22.34827	9.890E-16	8.106E-15
22465	GLOBAL	Cartesian	25.46109	7.301E-16	8.7687 No	25.46109	7.301E-16	8.7687	22558	GLOBAL	Cartesian	22.34827	9.890E-16	8.84365 No	22.34827	9.890E-16	8.84365
22466	GLOBAL	Cartesian	25.46109	7.301E-16	8.59137 No	25.46109	7.301E-16	8.59137	22559	GLOBAL	Cartesian	22.34827	9.890E-16	8.106E-15	22.34827	9.890E-16	8.106E-15
22467	GLOBAL	Cartesian	25.46109	7.301E-16	8.41058 No	25.46109	7.301E-16	8.41058	22560	GLOBAL	Cartesian	22.34827	9.890E-16	8.49774 No	22.34827	9.890E-16	8.49774
22468	GLOBAL	Cartesian	25.46109	7.301E-16	8.23252 No	25.46109	7.301E-16	8.23252	22561	GLOBAL	Cartesian	22.34827	9.890E-16	8.106E-15	22.34827	9.890E-16	8.106E-15
22469	GLOBAL	Cartesian	25.2689	7.535E-16	8.94118 No	25.2689	7.535E-16										

22596	GLOB.AL	Cretan	19.2939	1.485E-15	8.59519 No	19.2939	1.485E-15	8.59519	22596	GLOB.AL	Cretan	19.2939	1.485E-15	8.59519
22597	GLOB.AL	Cretan	19.2939	1.485E-15	8.41708 No	19.2939	1.485E-15	8.41708	22597	GLOB.AL	Cretan	19.2939	1.485E-15	8.41708
22598	GLOB.AL	Cretan	19.2939	1.485E-15	8.23992 No	19.2939	1.485E-15	8.23992	22598	GLOB.AL	Cretan	19.2939	1.485E-15	8.23992
22599	GLOB.AL	Cretan	19.2939	1.485E-15	8.06079 No	19.2939	1.485E-15	8.06079	22599	GLOB.AL	Cretan	19.2939	1.485E-15	8.06079
22600	GLOB.AL	Cretan	19.0873	1.509E-15	8.7661 No	19.0873	1.509E-15	8.7661	22600	GLOB.AL	Cretan	19.0873	1.509E-15	8.7661
22601	GLOB.AL	Cretan	19.0873	1.509E-15	8.58797 No	19.0873	1.509E-15	8.58797	22601	GLOB.AL	Cretan	19.0873	1.509E-15	8.58797
22602	GLOB.AL	Cretan	19.0873	1.509E-15	8.40685 No	19.0873	1.509E-15	8.40685	22602	GLOB.AL	Cretan	19.0873	1.509E-15	8.40685
22603	GLOB.AL	Cretan	19.0873	1.509E-15	8.23172 No	19.0873	1.509E-15	8.23172	22603	GLOB.AL	Cretan	19.0873	1.509E-15	8.23172
22604	GLOB.AL	Cretan	19.0873	1.509E-15	8.05599 No	19.0873	1.509E-15	8.05599	22604	GLOB.AL	Cretan	19.0873	1.509E-15	8.05599
22605	GLOB.AL	Cretan	18.9037	1.535E-15	8.73688 No	18.9037	1.535E-15	8.73688	22605	GLOB.AL	Cretan	18.9037	1.535E-15	8.73688
22606	GLOB.AL	Cretan	18.9037	1.535E-15	8.56071 No	18.9037	1.535E-15	8.56071	22606	GLOB.AL	Cretan	18.9037	1.535E-15	8.56071
22607	GLOB.AL	Cretan	18.9037	1.535E-15	8.38457 No	18.9037	1.535E-15	8.38457	22607	GLOB.AL	Cretan	18.9037	1.535E-15	8.38457
22608	GLOB.AL	Cretan	18.9037	1.535E-15	8.20482 No	18.9037	1.535E-15	8.20482	22608	GLOB.AL	Cretan	18.9037	1.535E-15	8.20482
22609	GLOB.AL	Cretan	18.9037	1.535E-15	8.02463 No	18.9037	1.535E-15	8.02463	22609	GLOB.AL	Cretan	18.9037	1.535E-15	8.02463
22610	GLOB.AL	Cretan	18.70841	1.557E-15	8.57564 No	18.70841	1.557E-15	8.57564	22610	GLOB.AL	Cretan	18.70841	1.557E-15	8.57564
22611	GLOB.AL	Cretan	18.70841	1.557E-15	8.39543 No	18.70841	1.557E-15	8.39543	22611	GLOB.AL	Cretan	18.70841	1.557E-15	8.39543
22612	GLOB.AL	Cretan	18.70841	1.557E-15	8.21731 No	18.70841	1.557E-15	8.21731	22612	GLOB.AL	Cretan	18.70841	1.557E-15	8.21731
22613	GLOB.AL	Cretan	18.70841	1.557E-15	8.03292 No	18.70841	1.557E-15	8.03292	22613	GLOB.AL	Cretan	18.70841	1.557E-15	8.03292
22614	GLOB.AL	Cretan	18.51325	1.581E-15	8.74444 No	18.51325	1.581E-15	8.74444	22614	GLOB.AL	Cretan	18.51325	1.581E-15	8.74444
22615	GLOB.AL	Cretan	18.51325	1.581E-15	8.56633 No	18.51325	1.581E-15	8.56633	22615	GLOB.AL	Cretan	18.51325	1.581E-15	8.56633
22616	GLOB.AL	Cretan	18.51325	1.581E-15	8.38622 No	18.51325	1.581E-15	8.38622	22616	GLOB.AL	Cretan	18.51325	1.581E-15	8.38622
22617	GLOB.AL	Cretan	18.51325	1.581E-15	8.21071 No	18.51325	1.581E-15	8.21071	22617	GLOB.AL	Cretan	18.51325	1.581E-15	8.21071
22618	GLOB.AL	Cretan	18.31808	1.609E-15	8.73722 No	18.31808	1.609E-15	8.73722	22618	GLOB.AL	Cretan	18.31808	1.609E-15	8.73722
22619	GLOB.AL	Cretan	18.31808	1.609E-15	8.55911 No	18.31808	1.609E-15	8.55911	22619	GLOB.AL	Cretan	18.31808	1.609E-15	8.55911
22620	GLOB.AL	Cretan	18.31808	1.609E-15	8.38101 No	18.31808	1.609E-15	8.38101	22620	GLOB.AL	Cretan	18.31808	1.609E-15	8.38101
22621	GLOB.AL	Cretan	18.31808	1.609E-15	8.20299 No	18.31808	1.609E-15	8.20299	22621	GLOB.AL	Cretan	18.31808	1.609E-15	8.20299
22622	GLOB.AL	Cretan	18.31808	1.609E-15	8.02481 No	18.31808	1.609E-15	8.02481	22622	GLOB.AL	Cretan	18.31808	1.609E-15	8.02481
22623	GLOB.AL	Cretan	18.31808	1.609E-15	8.735813	18.31808	1.609E-15	8.735813	22623	GLOB.AL	Cretan	18.31808	1.609E-15	8.735813
22624	GLOB.AL	Cretan	18.31808	1.609E-15	8.52613 No	18.31808	1.609E-15	8.52613	22624	GLOB.AL	Cretan	18.31808	1.609E-15	8.52613
22625	GLOB.AL	Cretan	17.753613	1.701E-15	8.34625 No	17.753613	1.701E-15	8.34625	22625	GLOB.AL	Cretan	17.753613	1.701E-15	8.34625
22626	GLOB.AL	Cretan	17.753613	1.701E-15	8.17008 No	17.753613	1.701E-15	8.17008	22626	GLOB.AL	Cretan	17.753613	1.701E-15	8.17008
22627	GLOB.AL	Cretan	17.753613	1.701E-15	7.99248 No	17.753613	1.701E-15	7.99248	22627	GLOB.AL	Cretan	17.753613	1.701E-15	7.99248
22628	GLOB.AL	Cretan	17.753613	1.701E-15	7.86289 No	17.753613	1.701E-15	7.86289	22628	GLOB.AL	Cretan	17.753613	1.701E-15	7.86289
22629	GLOB.AL	Cretan	17.753613	1.701E-15	7.73494 No	17.753613	1.701E-15	7.73494	22629	GLOB.AL	Cretan	17.753613	1.701E-15	7.73494
22630	GLOB.AL	Cretan	17.753613	1.701E-15	7.60675 No	17.753613	1.701E-15	7.60675	22630	GLOB.AL	Cretan	17.753613	1.701E-15	7.60675
22631	GLOB.AL	Cretan	17.753613	1.701E-15	7.47854 No	17.753613	1.701E-15	7.47854	22631	GLOB.AL	Cretan	17.753613	1.701E-15	7.47854
22632	GLOB.AL	Cretan	17.753613	1.701E-15	7.35032 No	17.753613	1.701E-15	7.35032	22632	GLOB.AL	Cretan	17.753613	1.701E-15	7.35032
22633	GLOB.AL	Cretan	17.753613	1.701E-15	7.22211 No	17.753613	1.701E-15	7.22211	22633	GLOB.AL	Cretan	17.753613	1.701E-15	7.22211
22634	GLOB.AL	Cretan	17.753613	1.701E-15	7.09390 No	17.753613	1.701E-15	7.09390	22634	GLOB.AL	Cretan	17.753613	1.701E-15	7.09390
22635	GLOB.AL	Cretan	17.753613	1.701E-15	6.96569 No	17.753613	1.701E-15	6.96569	22635	GLOB.AL	Cretan	17.753613	1.701E-15	6.96569
22636	GLOB.AL	Cretan	17.753613	1.701E-15	6.83748 No	17.753613	1.701E-15	6.83748	22636	GLOB.AL	Cretan	17.753613	1.701E-15	6.83748
22637	GLOB.AL	Cretan	17.753613	1.701E-15	6.70927 No	17.753613	1.701E-15	6.70927	22637	GLOB.AL	Cretan	17.753613	1.701E-15	6.70927
22638	GLOB.AL	Cretan	17.753613	1.701E-15	6.58106 No	17.753613	1.701E-15	6.58106	22638	GLOB.AL	Cretan	17.753613	1.701E-15	6.58106
22639	GLOB.AL	Cretan	17.753613	1.701E-15	6.45285 No	17.753613	1.701E-15	6.45285	22639	GLOB.AL	Cretan	17.753613	1.701E-15	6.45285
22640	GLOB.AL	Cretan	17.753613	1.701E-15	6.32464 No	17.753613	1.701E-15	6.32464	22640	GLOB.AL	Cretan	17.753613	1.701E-15	6.32464
22641	GLOB.AL	Cretan	17.753613	1.701E-15	6.19643 No	17.753613	1.701E-15	6.19643	22641	GLOB.AL	Cretan	17.753613	1.701E-15	6.19643
22642	GLOB.AL	Cretan	17.753613	1.701E-15	6.06822 No	17.753613	1.701E-15	6.06822	22642	GLOB.AL	Cretan	17.753613	1.701E-15	6.06822
22643	GLOB.AL	Cretan	17.753613	1.701E-15	5.94001 No	17.753613	1.701E-15	5.94001	22643	GLOB.AL	Cretan	17.753613	1.701E-15	5.94001
22644	GLOB.AL	Cretan	17.753613	1.701E-15	5.81180 No	17.753613	1.701E-15	5.81180	22644	GLOB.AL	Cretan	17.753613	1.701E-15	5.81180
22645	GLOB.AL	Cretan	17.753613	1.701E-15	5.68359 No	17.753613	1.701E-15	5.68359	22645	GLOB.AL	Cretan	17.753613	1.701E-15	5.68359
22646	GLOB.AL	Cretan	17.753613	1.701E-15	5.55538 No	17.753613	1.701E-15	5.55538	22646	GLOB.AL	Cretan	17.753613	1.701E-15	5.55538
22647	GLOB.AL	Cretan	17.753613	1.701E-15	5.42717 No	17.753613	1.701E-15	5.42717	22647	GLOB.AL	Cretan	17.753613	1.701E-15	5.42717
22648	GLOB.AL	Cretan	17.753613	1.701E-15	5.29896 No	17.753613	1.701E-15	5.29896	22648	GLOB.AL	Cretan	17.753613	1.701E-15	5.29896
22649	GLOB.AL	Cretan	17.753613	1.701E-15	5.17075 No	17.753613	1.701E-15	5.17075	22649	GLOB.AL	Cretan	17.753613	1.701E-15	5.17075
22650	GLOB.AL	Cretan	17.753613	1.701E-15	5.04254 No	17.753613	1.701E-15	5.04254	22650	GLOB.AL	Cretan	17.753613	1.701E-15	5.04254
22651	GLOB.AL	Cretan	17.753613	1.701E-15	4.91433 No	17.753613	1.701E-15	4.91433	22651	GLOB.AL	Cretan	17.753613	1.701E-15	4.91433
22652	GLOB.AL	Cretan	17.753613	1.701E-15	4.78612 No	17.753613	1.701E-15	4.78612	22652	GLOB.AL	Cretan	17.753613	1.701E-15	4.78612
22653	GLOB.AL	Cretan	17.753613	1.701E-15	4.65791 No	17.753613	1.701E-15	4.65791	22653	GLOB.AL	Cretan	17.753613	1.701E-15	4.65791
22654	GLOB.AL	Cretan	17.753613	1.701E-15	4.52970 No	17.753613	1.701E-15	4.52970	22654	GLOB.AL	Cretan	17.753613	1.701E-15	4.52970
22655	GLOB.AL	Cretan	17.753613	1.701E-15	4.40149 No	17.753613	1.701E-15	4.40149	22655	GLOB.AL	Cretan	17.753613	1.701E-15	4.40149
22656	GLOB.AL	Cretan	17.753613	1.701E-15	4.27328 No	17.753613	1.701E-15	4.27328	22656	GLOB.AL	Cretan	17.753613	1.701E-15	4.27328
22657	GLOB.AL	Cretan	17.753613	1.701E-15	4.14507 No	17.753613	1.701E-15	4.14507	22657	GLOB.AL	Cretan	17.753613	1.701E-15	4.14507
22658	GLOB.AL	Cretan	17.753613	1.701E-15	4.01686 No	17.753613	1.701E-15	4.01686	22658	GLOB.AL	Cretan	17.753613	1.701E-15	4.01686
22659	GLOB.AL	Cretan	17.753613	1.701E-15	3.88865 No	17.753613	1.701E-15	3.88865	22659	GLOB.AL	Cretan	17.753613	1.701E-15	3.88865
22660	GLOB.AL	Cretan	17.753613	1.701E-15	3.76044 No	17.753613	1.701E-15	3.76044	22660	GLOB.AL	Cretan	17.753613	1.701E-15	3.76044
22661	GLOB.AL	Cretan	17.753613	1.701E-15	3.63223 No	17.753613	1.701E-15	3.63223	22661	GLOB.AL	Cretan	17.753613	1.701E-15	3.63223
22662	GLOB.AL	Cretan	17.753613	1.701E-15	3.50402 No	17.753613	1.701E-15	3.50402	22662	GLOB.AL	Cretan	17.753613	1.701E-15	3.50402
22663	GLOB.AL	Cretan	17.753613	1.701E-15	3.37581 No	17.753613	1.701E-15	3.37581	22663	GLOB.AL	Cretan	17.753613	1.701E-15	3.37581
22664	GLOB.AL	Cretan	17.753613	1.701E-15	3.24760 No	17.753613	1.701E-15	3.24760	22664	GLOB.AL	Cretan	17.753613	1.701E-15	3.24760
22665	GLOB.AL	Cretan	17.753613	1.701E-15	3.11939 No	17.753613	1.701E-15	3.11939	22665	GLOB.AL	Cretan	17.753613	1.701E-15	3.11939
22666	GLOB.AL	Cretan	17.753613	1.701E-15	2.99118 No	17.753613	1.701E-15	2.99118	22666	GLOB.AL	Cretan	17.753613	1.701E-15	2.99118
22667	GLOB.AL	Cretan	17.753613	1.701E-15	2.86297 No	17.753613	1.701E-15	2.86297	22667	GLOB.AL	Cretan	17.753613	1.701E-15	2.86297
22668	GLOB.AL	Cretan	17.753613	1.701E-15										

[illegible]

23340	GLOBAL	Cartesian	12.11022	2.395E-15	8.96115 No	12.11022	2.395E-15	8.96115	23433	GLOBAL	Cartesian	11.39022	2.487E-15	8.04741 No	11.39022	2.487E-15	8.04741
23341	GLOBAL	Cartesian	14.47322	2.046E-15	8.95975 No	14.47322	2.046E-15	8.95975	23434	GLOBAL	Cartesian	11.72722	2.48E-15	8.03753 No	11.72722	2.48E-15	8.03753
23342	GLOBAL	Cartesian	14.47322	2.046E-15	8.95975 No	14.47322	2.046E-15	8.95975	23435	GLOBAL	Cartesian	10.96522	2.503E-15	8.02759 No	10.96522	2.503E-15	8.02759
23343	GLOBAL	Cartesian	14.36022	2.098E-15	8.93592 No	14.36022	2.098E-15	8.93592	23436	GLOBAL	Cartesian	10.79772	2.526E-15	8.01765 No	10.79772	2.526E-15	8.01765
23344	GLOBAL	Cartesian	14.17272	2.112E-15	8.92401 No	14.17272	2.112E-15	8.92401	23437	GLOBAL	Cartesian	10.61022	2.549E-15	8.00771 No	10.61022	2.549E-15	8.00771
23345	GLOBAL	Cartesian	13.96522	2.158E-15	8.91209 No	13.96522	2.158E-15	8.91209	23438	GLOBAL	Cartesian	10.42272	2.572E-15	7.99777 No	10.42272	2.572E-15	7.99777
23346	GLOBAL	Cartesian	13.79772	2.195E-15	8.90189 No	13.79772	2.195E-15	8.90189	23439	GLOBAL	Cartesian	10.23522	2.595E-15	7.98783 No	10.23522	2.595E-15	7.98783
23347	GLOBAL	Cartesian	13.61022	2.181E-15	8.88826 No	13.61022	2.181E-15	8.88826	23440	GLOBAL	Cartesian	10.04772	2.618E-15	7.97789 No	10.04772	2.618E-15	7.97789
23348	GLOBAL	Cartesian	13.42722	2.204E-15	8.87635 No	13.42722	2.204E-15	8.87635	23441	GLOBAL	Cartesian	9.86022	2.641E-15	7.96795 No	9.86022	2.641E-15	7.96795
23349	GLOBAL	Cartesian	13.25322	2.227E-15	8.86443 No	13.25322	2.227E-15	8.86443	23442	GLOBAL	Cartesian	9.67272	2.664E-15	7.95801 No	9.67272	2.664E-15	7.95801
23350	GLOBAL	Cartesian	13.07972	2.250E-15	8.85252 No	13.07972	2.250E-15	8.85252	23443	GLOBAL	Cartesian	9.48522	2.686E-15	7.94807 No	9.48522	2.686E-15	7.94807
23351	GLOBAL	Cartesian	12.90522	2.273E-15	8.84061 No	12.90522	2.273E-15	8.84061	23444	GLOBAL	Cartesian	9.29772	2.709E-15	7.93813 No	9.29772	2.709E-15	7.93813
23352	GLOBAL	Cartesian	12.73022	2.296E-15	8.82869 No	12.73022	2.296E-15	8.82869	23445	GLOBAL	Cartesian	9.11022	2.732E-15	7.92819 No	9.11022	2.732E-15	7.92819
23353	GLOBAL	Cartesian	12.55522	2.319E-15	8.81677 No	12.55522	2.319E-15	8.81677	23446	GLOBAL	Cartesian	8.92322	2.755E-15	7.91825 No	8.92322	2.755E-15	7.91825
23354	GLOBAL	Cartesian	12.38022	2.342E-15	8.80485 No	12.38022	2.342E-15	8.80485	23447	GLOBAL	Cartesian	8.73572	2.778E-15	7.90831 No	8.73572	2.778E-15	7.90831
23355	GLOBAL	Cartesian	12.20522	2.365E-15	8.79293 No	12.20522	2.365E-15	8.79293	23448	GLOBAL	Cartesian	8.54822	2.801E-15	7.89837 No	8.54822	2.801E-15	7.89837
23356	GLOBAL	Cartesian	12.03022	2.388E-15	8.78101 No	12.03022	2.388E-15	8.78101	23449	GLOBAL	Cartesian	8.36072	2.824E-15	7.88843 No	8.36072	2.824E-15	7.88843
23357	GLOBAL	Cartesian	11.85522	2.411E-15	8.76909 No	11.85522	2.411E-15	8.76909	23450	GLOBAL	Cartesian	8.17322	2.847E-15	7.87849 No	8.17322	2.847E-15	7.87849
23358	GLOBAL	Cartesian	11.68022	2.434E-15	8.75717 No	11.68022	2.434E-15	8.75717	23451	GLOBAL	Cartesian	7.98572	2.870E-15	7.86855 No	7.98572	2.870E-15	7.86855
23359	GLOBAL	Cartesian	11.50522	2.457E-15	8.74525 No	11.50522	2.457E-15	8.74525	23452	GLOBAL	Cartesian	7.79822	2.893E-15	7.85861 No	7.79822	2.893E-15	7.85861
23360	GLOBAL	Cartesian	11.33022	2.480E-15	8.73333 No	11.33022	2.480E-15	8.73333	23453	GLOBAL	Cartesian	7.61072	2.916E-15	7.84867 No	7.61072	2.916E-15	7.84867
23361	GLOBAL	Cartesian	11.15522	2.503E-15	8.72141 No	11.15522	2.503E-15	8.72141	23454	GLOBAL	Cartesian	7.42322	2.939E-15	7.83873 No	7.42322	2.939E-15	7.83873
23362	GLOBAL	Cartesian	10.98022	2.526E-15	8.70949 No	10.98022	2.526E-15	8.70949	23455	GLOBAL	Cartesian	7.23572	2.962E-15	7.82879 No	7.23572	2.962E-15	7.82879
23363	GLOBAL	Cartesian	10.80522	2.549E-15	8.69757 No	10.80522	2.549E-15	8.69757	23456	GLOBAL	Cartesian	7.04822	2.985E-15	7.81885 No	7.04822	2.985E-15	7.81885
23364	GLOBAL	Cartesian	10.63022	2.572E-15	8.68565 No	10.63022	2.572E-15	8.68565	23457	GLOBAL	Cartesian	6.86072	3.008E-15	7.80891 No	6.86072	3.008E-15	7.80891
23365	GLOBAL	Cartesian	10.45522	2.595E-15	8.67373 No	10.45522	2.595E-15	8.67373	23458	GLOBAL	Cartesian	6.67322	3.031E-15	7.79897 No	6.67322	3.031E-15	7.79897
23366	GLOBAL	Cartesian	10.28022	2.618E-15	8.66181 No	10.28022	2.618E-15	8.66181	23459	GLOBAL	Cartesian	6.48572	3.054E-15	7.78903 No	6.48572	3.054E-15	7.78903
23367	GLOBAL	Cartesian	10.10522	2.641E-15	8.64989 No	10.10522	2.641E-15	8.64989	23460	GLOBAL	Cartesian	6.29822	3.077E-15	7.77909 No	6.29822	3.077E-15	7.77909
23368	GLOBAL	Cartesian	9.93022	2.664E-15	8.63797 No	9.93022	2.664E-15	8.63797	23461	GLOBAL	Cartesian	6.11072	3.100E-15	7.76915 No	6.11072	3.100E-15	7.76915
23369	GLOBAL	Cartesian	9.75522	2.686E-15	8.62605 No	9.75522	2.686E-15	8.62605	23462	GLOBAL	Cartesian	5.92322	3.123E-15	7.75921 No	5.92322	3.123E-15	7.75921
23370	GLOBAL	Cartesian	9.58022	2.709E-15	8.61413 No	9.58022	2.709E-15	8.61413	23463	GLOBAL	Cartesian	5.73572	3.146E-15	7.74927 No	5.73572	3.146E-15	7.74927
23371	GLOBAL	Cartesian	9.40522	2.732E-15	8.60221 No	9.40522	2.732E-15	8.60221	23464	GLOBAL	Cartesian	5.54822	3.169E-15	7.73933 No	5.54822	3.169E-15	7.73933
23372	GLOBAL	Cartesian	9.23022	2.755E-15	8.59029 No	9.23022	2.755E-15	8.59029	23465	GLOBAL	Cartesian	5.36072	3.192E-15	7.72939 No	5.36072	3.192E-15	7.72939
23373	GLOBAL	Cartesian	9.05522	2.778E-15	8.57837 No	9.05522	2.778E-15	8.57837	23466	GLOBAL	Cartesian	5.17322	3.215E-15	7.71945 No	5.17322	3.215E-15	7.71945
23374	GLOBAL	Cartesian	8.88022	2.801E-15	8.56645 No	8.88022	2.801E-15	8.56645	23467	GLOBAL	Cartesian	4.98572	3.238E-15	7.70951 No	4.98572	3.238E-15	7.70951
23375	GLOBAL	Cartesian	8.70522	2.824E-15	8.55453 No	8.70522	2.824E-15	8.55453	23468	GLOBAL	Cartesian	4.79822	3.261E-15	7.69957 No	4.79822	3.261E-15	7.69957
23376	GLOBAL	Cartesian	8.53022	2.847E-15	8.54261 No	8.53022	2.847E-15	8.54261	23469	GLOBAL	Cartesian	4.61072	3.284E-15	7.68963 No	4.61072	3.284E-15	7.68963
23377	GLOBAL	Cartesian	8.35522	2.870E-15	8.53069 No	8.35522	2.870E-15	8.53069	23470	GLOBAL	Cartesian	4.42322	3.307E-15	7.67969 No	4.42322	3.307E-15	7.67969
23378	GLOBAL	Cartesian	8.18022	2.893E-15	8.51877 No	8.18022	2.893E-15	8.51877	23471	GLOBAL	Cartesian	4.23572	3.330E-15	7.66975 No	4.23572	3.330E-15	7.66975
23379	GLOBAL	Cartesian	8.00522	2.916E-15	8.50685 No	8.00522	2.916E-15	8.50685	23472	GLOBAL	Cartesian	4.04822	3.353E-15	7.65981 No	4.04822	3.353E-15	7.65981
23380	GLOBAL	Cartesian	7.83022	2.939E-15	8.49493 No	7.83022	2.939E-15	8.49493	23473	GLOBAL	Cartesian	3.86072	3.376E-15	7.64987 No	3.86072	3.376E-15	7.64987
23381	GLOBAL	Cartesian	7.65522	2.962E-15	8.48301 No	7.65522	2.962E-15	8.48301	23474	GLOBAL	Cartesian	3.67322	3.399E-15	7.63993 No	3.67322	3.399E-15	7.63993
23382	GLOBAL	Cartesian	7.48022	2.985E-15	8.47109 No	7.48022	2.985E-15	8.47109	23475	GLOBAL	Cartesian	3.48572	3.422E-15	7.62999 No	3.48572	3.422E-15	7.62999
23383	GLOBAL	Cartesian	7.30522	3.008E-15	8.45917 No	7.30522	3.008E-15	8.45917	23476	GLOBAL	Cartesian	3.29822	3.445E-15	7.62005 No	3.29822	3.445E-15	7.62005
23384	GLOBAL	Cartesian	7.13022	3.031E-15	8.44725 No	7.13022	3.031E-15	8.44725	23477	GLOBAL	Cartesian	3.11072	3.468E-15	7.61011 No	3.11072	3.468E-15	7.61011
23385	GLOBAL	Cartesian	6.95522	3.054E-15	8.43533 No	6.95522	3.054E-15	8.43533	23478	GLOBAL	Cartesian	2.92322	3.491E-15	7.60017 No	2.92322	3.491E-15	7.60017
23386	GLOBAL	Cartesian	6.78022	3.077E-15	8.42341 No	6.78022	3.077E-15	8.42341	23479	GLOBAL	Cartesian	2.73572	3.514E-15	7.59023 No	2.73572	3.514E-15	7.59023
23387	GLOBAL	Cartesian	6.60522	3.100E-15	8.41149 No	6.60522	3.100E-15	8.41149	23480	GLOBAL	Cartesian	2.54822	3.537E-15	7.58029 No	2.54822	3.537E-15	7.58029
23388	GLOBAL	Cartesian	6.43022	3.123E-15	8.39957 No	6.43022	3.123E-15	8.39957	23481	GLOBAL	Cartesian	2.36072	3.560E-15	7.57035 No	2.36072	3.560E-15	7.57035
23389	GLOBAL	Cartesian	6.25522	3.146E-15	8.38765 No	6.25522	3.146E-15	8.38765	23482	GLOBAL	Cartesian	2.17322	3.583E-15	7.56041 No	2.17322	3.583E-15	7.56041
23390	GLOBAL	Cartesian	6.08022	3.169E-15	8.37573 No	6.08022	3.169E-15	8.37573	23483	GLOBAL	Cartesian	1.98572	3.606E-15	7.55047 No	1.98572	3.606E-15	7.55047
23391	GLOBAL	Cartesian	5.90522	3.192E-15	8.36381 No	5.90522	3.192E-15	8.36381	23484	GLOBAL	Cartesian	1.79822	3.629E-15	7.54053 No	1.79822	3.629E-15	7.54053
23392	GLOBAL	Cartesian	5.73022	3.215E-15	8.35189 No	5.73022	3.215E-15	8.35189	23485	GLOBAL	Cartesian	1.61072	3.652E-15	7.53059 No	1.61072	3.652E-15	7.53059
23393	GLOBAL	Cartesian	5.55522	3.238E-15	8.33997 No	5.55522	3.238E-15	8.33997	23486	GLOBAL	Cartesian	1.42322	3.675E-15	7.52065 No	1.42322	3.675E-15	7.52065
23394	GLOBAL	Cartesian	5.38022	3.261E-15	8.32805 No	5.38022	3.261E-15	8.32805	23487	GLOBAL	Cartesian	1.23572	3.698E-15	7.51071 No	1.23572	3.698E-15	7.51071
23395	GLOBAL	Cartesian	5.20522	3.284E-15	8.31613 No	5.20522	3.284E-15	8.31613	23488	GLOBAL	Cartesian	1.04822	3.721E-15	7.50077 No	1.04822	3.721E-15	7.50077
23396	GLOBAL	Cartesian	5.03022	3.307E-15	8.30421 No	5.03022	3.307E-15	8.30421	23489	GLOBAL	Cartesian	0.86072	3.744E-15	7.49083 No	0.86072	3.744E-15	7.49083
23397	GLOBAL	Cartesian	4.85522	3.330E-15	8.29229 No	4.85522	3.330E-15	8.29229	23490	GLOBAL	Cartesian	0.67322	3.767E-15	7.48089 No	0.67322	3.767E-15	7.48089
23398	GLOBAL	Cartesian	4.68022	3.353E-15	8.28037 No	4.68022	3.353E-15	8.28037	23491	GLOBAL	Cartesian	0.48572	3.790E-15	7.47095 No	0.48572	3.790E-15	7.47095
23399	GLOBAL	Cartesian	4.50522	3.376E-15	8.26845 No	4.50522	3.376E-15	8.26845	23492	GLOBAL	Cartesian	0.29822	3.813E-15	7.46101 No	0.29822	3.813E-15	

23712	GLOBAL	Cartesian	30.67986	-0.2	11.46738	No	30.67986	-0.2	11.46738	No	23805	GLOBAL	Cartesian	23.71483	-0.1	10.81143	No	23.72183	-0.1	10.81143	No
23713	GLOBAL	Cartesian	30.40415	-0.2	11.47308	No	30.40415	-0.2	11.47308	No	23806	GLOBAL	Cartesian	23.71483	-0.1	10.81143	No	23.72183	-0.1	10.81143	No
23714	GLOBAL	Cartesian	30.40415	-0.2	11.47308	No	30.40415	-0.2	11.47308	No	23807	GLOBAL	Cartesian	23.5801	-0.2	10.79313	No	23.5801	-0.2	10.79313	No
23715	GLOBAL	Cartesian	30.30844	-0.1	11.46077	No	30.30844	-0.1	11.46077	No	23808	GLOBAL	Cartesian	23.5801	-0.2	10.79313	No	23.5801	-0.2	10.79313	No
23716	GLOBAL	Cartesian	30.21558	-0.2	11.46077	No	30.30844	-0.2	11.46077	No	23809	GLOBAL	Cartesian	23.5801	-0.2	10.77483	No	23.5801	-0.2	10.77483	No
23717	GLOBAL	Cartesian	30.21558	-0.2	11.45161	No	30.21558	-0.2	11.45161	No	23810	GLOBAL	Cartesian	23.5801	-0.2	10.77483	No	23.5801	-0.2	10.77483	No
23718	GLOBAL	Cartesian	30.16915	-0.1	11.45161	No	30.16915	-0.1	11.45161	No	23811	GLOBAL	Cartesian	23.6476	-0.1	10.75653	No	23.6476	-0.1	10.75653	No
23719	GLOBAL	Cartesian	30.16915	-0.1	11.44704	No	30.16915	-0.1	11.44704	No	23812	GLOBAL	Cartesian	23.6476	-0.2	10.75653	No	23.6476	-0.2	10.75653	No
23720	GLOBAL	Cartesian	30.16915	-0.2	11.44704	No	30.16915	-0.2	11.44704	No	23813	GLOBAL	Cartesian	22.97914	-0.1	10.73823	No	22.97914	-0.1	10.73823	No
23721	GLOBAL	Cartesian	30.12272	-0.1	11.44246	No	30.12272	-0.1	11.44246	No	23814	GLOBAL	Cartesian	22.97914	-0.2	10.73823	No	22.97914	-0.2	10.73823	No
23722	GLOBAL	Cartesian	30.12272	-0.2	11.44246	No	30.12272	-0.2	11.44246	No	23815	GLOBAL	Cartesian	22.97914	-0.2	10.73823	No	22.97914	-0.2	10.73823	No
23723	GLOBAL	Cartesian	29.82772	-0.1	11.4328	No	29.82772	-0.1	11.4328	No	23816	GLOBAL	Cartesian	22.8078	-0.1	10.70163	No	22.8078	-0.1	10.70163	No
23724	GLOBAL	Cartesian	29.82772	-0.2	11.4328	No	29.82772	-0.2	11.4328	No	23817	GLOBAL	Cartesian	22.8078	-0.2	10.70163	No	22.8078	-0.2	10.70163	No
23725	GLOBAL	Cartesian	29.82772	-0.1	11.42774	No	29.82772	-0.1	11.42774	No	23818	GLOBAL	Cartesian	22.8078	-0.2	10.68333	No	22.8078	-0.2	10.68333	No
23726	GLOBAL	Cartesian	29.82772	-0.2	11.42774	No	29.82772	-0.2	11.42774	No	23819	GLOBAL	Cartesian	22.8078	-0.1	10.68333	No	22.8078	-0.1	10.68333	No
23727	GLOBAL	Cartesian	29.82772	-0.1	11.41288	No	29.82772	-0.1	11.41288	No	23820	GLOBAL	Cartesian	22.42228	-0.2	10.65333	No	22.42228	-0.2	10.65333	No
23728	GLOBAL	Cartesian	29.82772	-0.2	11.41288	No	29.82772	-0.2	11.41288	No	23821	GLOBAL	Cartesian	22.42228	-0.1	10.65333	No	22.42228	-0.1	10.65333	No
23729	GLOBAL	Cartesian	29.82772	-0.1	11.40303	No	29.82772	-0.1	11.40303	No	23822	GLOBAL	Cartesian	22.23666	-0.2	10.66503	No	22.23666	-0.2	10.66503	No
23730	GLOBAL	Cartesian	29.82772	-0.2	11.40303	No	29.82772	-0.2	11.40303	No	23823	GLOBAL	Cartesian	22.05103	-0.1	10.66503	No	22.05103	-0.1	10.66503	No
23731	GLOBAL	Cartesian	29.53701	-0.2	11.38472	No	29.53701	-0.2	11.38472	No	23824	GLOBAL	Cartesian	22.05103	-0.2	10.64674	No	22.05103	-0.2	10.64674	No
23732	GLOBAL	Cartesian	29.53701	-0.1	11.38472	No	29.53701	-0.1	11.38472	No	23825	GLOBAL	Cartesian	21.86541	-0.1	10.62844	No	21.86541	-0.1	10.62844	No
23733	GLOBAL	Cartesian	29.53701	-0.2	11.38472	No	29.53701	-0.2	11.38472	No	23826	GLOBAL	Cartesian	21.86541	-0.2	10.62844	No	21.86541	-0.2	10.62844	No
23734	GLOBAL	Cartesian	29.53701	-0.1	11.36854	No	29.53701	-0.1	11.36854	No	23827	GLOBAL	Cartesian	21.86541	-0.1	10.61614	No	21.86541	-0.1	10.61614	No
23735	GLOBAL	Cartesian	29.53701	-0.2	11.36854	No	29.53701	-0.2	11.36854	No	23828	GLOBAL	Cartesian	21.86541	-0.2	10.61614	No	21.86541	-0.2	10.61614	No
23736	GLOBAL	Cartesian	29.16588	-0.1	11.3481	No	29.16588	-0.1	11.3481	No	23829	GLOBAL	Cartesian	21.48417	-0.1	10.59184	No	21.48417	-0.1	10.59184	No
23737	GLOBAL	Cartesian	28.67986	-0.2	11.32979	No	28.67986	-0.2	11.32979	No	23830	GLOBAL	Cartesian	21.48417	-0.2	10.59184	No	21.48417	-0.2	10.59184	No
23738	GLOBAL	Cartesian	28.67986	-0.1	11.32979	No	28.67986	-0.1	11.32979	No	23831	GLOBAL	Cartesian	21.30855	-0.1	10.57354	No	21.30855	-0.1	10.57354	No
23739	GLOBAL	Cartesian	28.79415	-0.1	11.31149	No	28.79415	-0.1	11.31149	No	23832	GLOBAL	Cartesian	21.30855	-0.2	10.57354	No	21.30855	-0.2	10.57354	No
23740	GLOBAL	Cartesian	28.79415	-0.2	11.31149	No	28.79415	-0.2	11.31149	No	23833	GLOBAL	Cartesian	21.12293	-0.1	10.55524	No	21.12293	-0.1	10.55524	No
23741	GLOBAL	Cartesian	28.60844	-0.1	11.29318	No	28.60844	-0.1	11.29318	No	23834	GLOBAL	Cartesian	21.12293	-0.2	10.55524	No	21.12293	-0.2	10.55524	No
23742	GLOBAL	Cartesian	28.60844	-0.2	11.29318	No	28.60844	-0.2	11.29318	No	23835	GLOBAL	Cartesian	21.02282	-0.1	10.54537	No	21.02282	-0.1	10.54537	No
23743	GLOBAL	Cartesian	28.42272	-0.1	11.27487	No	28.42272	-0.1	11.27487	No	23836	GLOBAL	Cartesian	21.02282	-0.2	10.54537	No	21.02282	-0.2	10.54537	No
23744	GLOBAL	Cartesian	28.42272	-0.2	11.27487	No	28.42272	-0.2	11.27487	No	23837	GLOBAL	Cartesian	20.92272	-0.1	10.5355	No	20.92272	-0.1	10.5355	No
23745	GLOBAL	Cartesian	28.42272	-0.1	11.26582	No	28.42272	-0.1	11.26582	No	23838	GLOBAL	Cartesian	20.92272	-0.2	10.5355	No	20.92272	-0.2	10.5355	No
23746	GLOBAL	Cartesian	28.42272	-0.2	11.26582	No	28.42272	-0.2	11.26582	No	23839	GLOBAL	Cartesian	20.92272	-0.1	10.52835	No	20.92272	-0.1	10.52835	No
23747	GLOBAL	Cartesian	28.42272	-0.1	11.26582	No	28.42272	-0.1	11.26582	No	23840	GLOBAL	Cartesian	20.82228	-0.2	10.52835	No	20.82228	-0.2	10.52835	No
23748	GLOBAL	Cartesian	28.05129	-0.2	11.23825	No	28.05129	-0.2	11.23825	No	23841	GLOBAL	Cartesian	20.72238	-0.1	10.51575	No	20.72238	-0.1	10.51575	No
23749	GLOBAL	Cartesian	27.86558	-0.1	11.21995	No	27.86558	-0.1	11.21995	No	23842	GLOBAL	Cartesian	20.72238	-0.2	10.51575	No	20.72238	-0.2	10.51575	No
23750	GLOBAL	Cartesian	27.86558	-0.2	11.21995	No	27.86558	-0.2	11.21995	No	23843	GLOBAL	Cartesian	20.53671	-0.1	10.49745	No	20.53671	-0.1	10.49745	No
23751	GLOBAL	Cartesian	27.67986	-0.1	11.20164	No	27.67986	-0.1	11.20164	No	23844	GLOBAL	Cartesian	20.53671	-0.2	10.49745	No	20.53671	-0.2	10.49745	No
23752	GLOBAL	Cartesian	27.67986	-0.2	11.20164	No	27.67986	-0.2	11.20164	No	23845	GLOBAL	Cartesian	20.35103	-0.1	10.47915	No	20.35103	-0.1	10.47915	No
23753	GLOBAL	Cartesian	27.48415	-0.1	11.18333	No	27.48415	-0.1	11.18333	No	23846	GLOBAL	Cartesian	20.35103	-0.2	10.47915	No	20.35103	-0.2	10.47915	No
23754	GLOBAL	Cartesian	27.48415	-0.2	11.18333	No	27.48415	-0.2	11.18333	No	23847	GLOBAL	Cartesian	20.16536	-0.1	10.46094	No	20.16536	-0.1	10.46094	No
23755	GLOBAL	Cartesian	27.30844	-0.1	11.16502	No	27.30844	-0.1	11.16502	No	23848	GLOBAL	Cartesian	20.16536	-0.2	10.46094	No	20.16536	-0.2	10.46094	No
23756	GLOBAL	Cartesian	27.30844	-0.2	11.16502	No	27.30844	-0.2	11.16502	No	23849	GLOBAL	Cartesian	19.97986	-0.1	10.44234	No	19.97986	-0.1	10.44234	No
23757	GLOBAL	Cartesian	27.15588	-0.1	11.15587	No	27.15588	-0.1	11.15587	No	23850	GLOBAL	Cartesian	19.97986	-0.2	10.44234	No	19.97986	-0.2	10.44234	No
23758	GLOBAL	Cartesian	27.15588	-0.2	11.15587	No	27.15588	-0.2	11.15587	No	23851	GLOBAL	Cartesian	19.794	-0.1	10.42423	No	19.794	-0.1	10.42423	No
23759	GLOBAL	Cartesian	27.12272	-0.1	11.14671	No	27.12272	-0.1	11.14671	No	23852	GLOBAL	Cartesian	19.794	-0.2	10.42423	No	19.794	-0.2	10.42423	No
23760	GLOBAL	Cartesian	27.12272	-0.2	11.14671	No	27.12272	-0.2	11.14671	No	23853	GLOBAL	Cartesian	19.60833	-0.1	10.40593	No	19.60833	-0.1	10.40593	No
23761	GLOBAL	Cartesian	27.02272	-0.1	11.13865	No	27.02272	-0.1	11.13865	No	23854	GLOBAL	Cartesian	19.60833	-0.2	10.40593	No	19.60833	-0.2	10.40593	No
23762	GLOBAL	Cartesian	27.02272	-0.2	11.13865	No	27.02272	-0.2	11.13865	No	23855	GLOBAL	Cartesian	19.42655	-0.1	10.38762	No	19.42655	-0.1	10.38762	No
23763	GLOBAL	Cartesian	26.92272	-0.1	11.127	No	26.92272	-0.1	11.127	No	23856	GLOBAL	Cartesian	19.42655	-0.2	10.38762	No	19.42655	-0.2	10.38762	No
23764	GLOBAL	Cartesian	26.92272	-0.2	11.127	No	26.92272	-0.2	11.127	No	23857	GLOBAL	Cartesian	19.23698	-0.1	10.36932	No	19.23698	-0.1	10.36932	No
23765	GLOBAL	Cartesian	26.82272	-0.1	11.11714	No	26.82272	-0.1	11.11714	No	23858	GLOBAL	Cartesian	19.23698	-0.2	10.36932	No	19.23698	-0.2	10.36932	No
23766	GLOBAL	Cartesian	26.82272	-0.2	11.11714	No	26.82272	-0.2	11.11714	No	23859	GLOBAL	Cartesian	19.0513	-0.1	10.35102	No	19.0513	-0.1	10.35102	No
23767	GLOBAL	Cartesian	26.72272	-0.1	11.10728	No	26.72272	-0.1	11.10728	No	23860	GLOBAL	Cartesian	19.0513	-0.2	10.35102	No	19.0513	-0.2	10.35102	No
23768	GLOBAL	Cartesian	26.53701	-0.2	11.08897	No	26.53701	-0.2	11.08897	No	23861	GLOBAL	Cartesian	18.86582	-0.1	10.33271	No	18.86582	-0.1	10.33271	No
23769	GLOBAL	Cartesian	26.53701	-0.1	11.08897	No	26.53701	-0.1	11.08897	No	23862	GLOBAL	Cartesian	18.86582	-0.2	10.33271	No	18.86582	-0.2	10.33271	No
23770	GLOBAL	Cartesian	26.53701	-0.2	11.08897	No	26.53701	-0.2	11.08897	No	23863	GLOBAL	Cartesian	18.67995	-0.1	10.31441	No	18.67995	-0.1	10.31441	No
23771	GLOBAL	Cartesian	26.35129	-0.1	11.07066	No	26.35129	-0.1	11.07066	No	23864	GLOBAL	Cartesian	18.67995	-0.2	10.31441	No	18.67995	-0.2	10.31	

23898	GLOBAL	Cartesian	16.05142	-0.2	10.05528	No	16.05142	-0.2	10.05528	No	23901	GLOBAL	Cartesian	30.16915	0.1	11.44704	No	30.16915	0.1	11.44704	No
23899	GLOBAL	Cartesian	15.86572	-0.2	10.03697	No	15.86572	-0.2	10.03697	No	23902	GLOBAL	Cartesian	30.16915	0.1	11.44704	No	30.16915	0.1	11.44704	No
23900	GLOBAL	Cartesian	15.86572	-0.2	10.03697	No	15.86572	-0.2	10.03697	No	23903	GLOBAL	Cartesian	30.12272	0.2	11.44246	No	30.12272	0.2	11.44246	No
23901	GLOBAL	Cartesian	15.86002	-0.1	10.01867	No	15.86002	-0.1	10.01867	No	23904	GLOBAL	Cartesian	30.02272	0.2	11.44246	No	30.02272	0.2	11.44246	No
23902	GLOBAL	Cartesian	15.86002	-0.2	10.01867	No	15.86002	-0.2	10.01867	No	23905	GLOBAL	Cartesian	30.02272	0.2	11.44246	No	30.02272	0.2	11.44246	No
23903	GLOBAL	Cartesian	15.49432	-0.1	10.00038	No	15.49432	-0.1	10.00038	No	23906	GLOBAL	Cartesian	29.92272	0.2	11.42274	No	29.92272	0.2	11.42274	No
23904	GLOBAL	Cartesian	15.49432	-0.2	10.00038	No	15.49432	-0.2	10.00038	No	23907	GLOBAL	Cartesian	29.92272	0.2	11.42274	No	29.92272	0.2	11.42274	No
23905	GLOBAL	Cartesian	15.30682	-0.1	9.98205	No	15.30682	-0.1	9.98205	No	23908	GLOBAL	Cartesian	29.82272	0.2	11.41288	No	29.82272	0.2	11.41288	No
23906	GLOBAL	Cartesian	15.30682	-0.2	9.98205	No	15.30682	-0.2	9.98205	No	23909	GLOBAL	Cartesian	29.82272	0.2	11.41288	No	29.82272	0.2	11.41288	No
23907	GLOBAL	Cartesian	15.12282	-0.1	9.96373	No	15.12282	-0.1	9.96373	No	23910	GLOBAL	Cartesian	29.72272	0.2	11.40033	No	29.72272	0.2	11.40033	No
23908	GLOBAL	Cartesian	15.12282	-0.2	9.96373	No	15.12282	-0.2	9.96373	No	23911	GLOBAL	Cartesian	29.72272	0.2	11.40033	No	29.72272	0.2	11.40033	No
23909	GLOBAL	Cartesian	15.02282	-0.1	9.95388	No	15.02282	-0.1	9.95388	No	23912	GLOBAL	Cartesian	29.62272	0.2	11.38472	No	29.62272	0.2	11.38472	No
23910	GLOBAL	Cartesian	15.02282	-0.2	9.95388	No	15.02282	-0.2	9.95388	No	23913	GLOBAL	Cartesian	29.52272	0.2	11.36641	No	29.52272	0.2	11.36641	No
23911	GLOBAL	Cartesian	14.92272	-0.1	9.94401	No	14.92272	-0.1	9.94401	No	23914	GLOBAL	Cartesian	29.35129	0.2	11.34841	No	29.35129	0.2	11.34841	No
23912	GLOBAL	Cartesian	14.92272	-0.2	9.94401	No	14.92272	-0.2	9.94401	No	23915	GLOBAL	Cartesian	29.35129	0.2	11.34841	No	29.35129	0.2	11.34841	No
23913	GLOBAL	Cartesian	14.73522	-0.1	9.92553	No	14.73522	-0.1	9.92553	No	23916	GLOBAL	Cartesian	29.16558	0.2	11.32979	No	29.16558	0.2	11.32979	No
23914	GLOBAL	Cartesian	14.73522	-0.2	9.92553	No	14.73522	-0.2	9.92553	No	23917	GLOBAL	Cartesian	29.16558	0.2	11.32979	No	29.16558	0.2	11.32979	No
23915	GLOBAL	Cartesian	14.54772	-0.1	9.90704	No	14.54772	-0.1	9.90704	No	23918	GLOBAL	Cartesian	28.97986	0.2	11.31449	No	28.97986	0.2	11.31449	No
23916	GLOBAL	Cartesian	14.54772	-0.2	9.90704	No	14.54772	-0.2	9.90704	No	23919	GLOBAL	Cartesian	28.97986	0.2	11.31449	No	28.97986	0.2	11.31449	No
23917	GLOBAL	Cartesian	14.36022	-0.1	9.88856	No	14.36022	-0.1	9.88856	No	23920	GLOBAL	Cartesian	28.79415	0.2	11.29765	No	28.79415	0.2	11.29765	No
23918	GLOBAL	Cartesian	14.36022	-0.2	9.88856	No	14.36022	-0.2	9.88856	No	23921	GLOBAL	Cartesian	28.79415	0.2	11.29765	No	28.79415	0.2	11.29765	No
23919	GLOBAL	Cartesian	14.17272	-0.1	9.87001	No	14.17272	-0.1	9.87001	No	23922	GLOBAL	Cartesian	28.60844	0.2	11.28034	No	28.60844	0.2	11.28034	No
23920	GLOBAL	Cartesian	14.17272	-0.2	9.87001	No	14.17272	-0.2	9.87001	No	23923	GLOBAL	Cartesian	28.60844	0.2	11.28034	No	28.60844	0.2	11.28034	No
23921	GLOBAL	Cartesian	13.98522	-0.1	9.85159	No	13.98522	-0.1	9.85159	No	23924	GLOBAL	Cartesian	28.42272	0.2	11.27487	No	28.42272	0.2	11.27487	No
23922	GLOBAL	Cartesian	13.98522	-0.2	9.85159	No	13.98522	-0.2	9.85159	No	23925	GLOBAL	Cartesian	28.42272	0.2	11.27487	No	28.42272	0.2	11.27487	No
23923	GLOBAL	Cartesian	13.79772	-0.1	9.83311	No	13.79772	-0.1	9.83311	No	23926	GLOBAL	Cartesian	28.23701	0.2	11.25656	No	28.23701	0.2	11.25656	No
23924	GLOBAL	Cartesian	13.79772	-0.2	9.83311	No	13.79772	-0.2	9.83311	No	23927	GLOBAL	Cartesian	28.23701	0.2	11.25656	No	28.23701	0.2	11.25656	No
23925	GLOBAL	Cartesian	13.61022	-0.1	9.81462	No	13.61022	-0.1	9.81462	No	23928	GLOBAL	Cartesian	28.05129	0.2	11.23825	No	28.05129	0.2	11.23825	No
23926	GLOBAL	Cartesian	13.61022	-0.2	9.81462	No	13.61022	-0.2	9.81462	No	23929	GLOBAL	Cartesian	28.05129	0.2	11.23825	No	28.05129	0.2	11.23825	No
23927	GLOBAL	Cartesian	13.42272	-0.1	9.79614	No	13.42272	-0.1	9.79614	No	23930	GLOBAL	Cartesian	27.86558	0.2	11.21995	No	27.86558	0.2	11.21995	No
23928	GLOBAL	Cartesian	13.42272	-0.2	9.79614	No	13.42272	-0.2	9.79614	No	23931	GLOBAL	Cartesian	27.86558	0.2	11.21995	No	27.86558	0.2	11.21995	No
23929	GLOBAL	Cartesian	13.23822	-0.1	9.77765	No	13.23822	-0.1	9.77765	No	23932	GLOBAL	Cartesian	27.67986	0.2	11.20164	No	27.67986	0.2	11.20164	No
23930	GLOBAL	Cartesian	13.23822	-0.2	9.77765	No	13.23822	-0.2	9.77765	No	23933	GLOBAL	Cartesian	27.67986	0.2	11.20164	No	27.67986	0.2	11.20164	No
23931	GLOBAL	Cartesian	13.04772	-0.1	9.75917	No	13.04772	-0.1	9.75917	No	23934	GLOBAL	Cartesian	27.49415	0.2	11.18333	No	27.49415	0.2	11.18333	No
23932	GLOBAL	Cartesian	13.04772	-0.2	9.75917	No	13.04772	-0.2	9.75917	No	23935	GLOBAL	Cartesian	27.30944	0.2	11.16502	No	27.30944	0.2	11.16502	No
23933	GLOBAL	Cartesian	12.86022	-0.1	9.74069	No	12.86022	-0.1	9.74069	No	23936	GLOBAL	Cartesian	27.12558	0.2	11.14671	No	27.12558	0.2	11.14671	No
23934	GLOBAL	Cartesian	12.86022	-0.2	9.74069	No	12.86022	-0.2	9.74069	No	23937	GLOBAL	Cartesian	27.12558	0.2	11.14671	No	27.12558	0.2	11.14671	No
23935	GLOBAL	Cartesian	12.67272	-0.1	9.72222	No	12.67272	-0.1	9.72222	No	23938	GLOBAL	Cartesian	26.94158	0.2	11.12887	No	26.94158	0.2	11.12887	No
23936	GLOBAL	Cartesian	12.67272	-0.2	9.72222	No	12.67272	-0.2	9.72222	No	23939	GLOBAL	Cartesian	26.94158	0.2	11.12887	No	26.94158	0.2	11.12887	No
23937	GLOBAL	Cartesian	12.48522	-0.1	9.70372	No	12.48522	-0.1	9.70372	No	23940	GLOBAL	Cartesian	26.75701	0.2	11.11078	No	26.75701	0.2	11.11078	No
23938	GLOBAL	Cartesian	12.48522	-0.2	9.70372	No	12.48522	-0.2	9.70372	No	23941	GLOBAL	Cartesian	26.57301	0.2	11.08897	No	26.57301	0.2	11.08897	No
23939	GLOBAL	Cartesian	12.29772	-0.1	9.68523	No	12.29772	-0.1	9.68523	No	23942	GLOBAL	Cartesian	26.35129	0.2	11.07066	No	26.35129	0.2	11.07066	No
23940	GLOBAL	Cartesian	12.29772	-0.2	9.68523	No	12.29772	-0.2	9.68523	No	23943	GLOBAL	Cartesian	26.35129	0.2	11.07066	No	26.35129	0.2	11.07066	No
23941	GLOBAL	Cartesian	12.11022	-0.1	9.66675	No	12.11022	-0.1	9.66675	No	23944	GLOBAL	Cartesian	26.16558	0.2	11.05236	No	26.16558	0.2	11.05236	No
23942	GLOBAL	Cartesian	12.11022	-0.2	9.66675	No	12.11022	-0.2	9.66675	No	23945	GLOBAL	Cartesian	26.16558	0.2	11.05236	No	26.16558	0.2	11.05236	No
23943	GLOBAL	Cartesian	11.92272	-0.1	9.64826	No	11.92272	-0.1	9.64826	No	23946	GLOBAL	Cartesian	25.97986	0.2	11.03405	No	25.97986	0.2	11.03405	No
23944	GLOBAL	Cartesian	11.92272	-0.2	9.64826	No	11.92272	-0.2	9.64826	No	23947	GLOBAL	Cartesian	25.79415	0.2	11.01574	No	25.79415	0.2	11.01574	No
23945	GLOBAL	Cartesian	11.73522	-0.1	9.62978	No	11.73522	-0.1	9.62978	No	23948	GLOBAL	Cartesian	25.60844	0.2	10.99743	No	25.60844	0.2	10.99743	No
23946	GLOBAL	Cartesian	11.73522	-0.2	9.62978	No	11.73522	-0.2	9.62978	No	23949	GLOBAL	Cartesian	25.42272	0.2	10.97912	No	25.42272	0.2	10.97912	No
23947	GLOBAL	Cartesian	11.54772	-0.1	9.6113	No	11.54772	-0.1	9.6113	No	23950	GLOBAL	Cartesian	25.23701	0.2	10.96082	No	25.23701	0.2	10.96082	No
23948	GLOBAL	Cartesian	11.54772	-0.2	9.6113	No	11.54772	-0.2	9.6113	No	23951	GLOBAL	Cartesian	25.23701	0.2	10.96082	No	25.23701	0.2	10.96082	No
23949	GLOBAL	Cartesian	11.36022	-0.1	9.59281	No	11.36022	-0.1	9.59281	No	23952	GLOBAL	Cartesian	25.05129	0.2	10.94251	No	25.05129	0.2	10.94251	No
23950	GLOBAL	Cartesian	11.36022	-0.2	9.59281	No	11.36022	-0.2	9.59281	No	23953	GLOBAL	Cartesian	24.86558	0.2	10.92422	No	24.86558	0.2	10.92422	No
23951	GLOBAL	Cartesian	11.17272	-0.1	9.57433	No	11.17272	-0.1	9.57433	No	23954	GLOBAL	Cartesian	24.67986	0.2	10.90589	No	24.67986	0.2	10.90589	No
23952	GLOBAL	Cartesian	11.17272	-0.2	9.57433	No	11.17272	-0.2	9.57433	No	23955	GLOBAL	Cartesian	24.49415	0.2	10.88758	No	24.49415	0.2	10.88758	No
23953	GLOBAL	Cartesian	10.98522	-0.1	9.55584	No	10.98522	-0.1	9.55584	No	23956	GLOBAL	Cartesian	24.30844	0.2	10.86927	No	24.30844	0.2	10.86927	No
23954	GLOBAL	Cartesian	10.98522	-0.2	9.55584	No	10.98522	-0.2	9.55584	No	23957	GLOBAL	Cartesian	24.12558	0.2	10.85097	No	24.12558	0.2	10.85097	No
23955	GLOBAL	Cartesian	10.79772	-0.1	9.53736	No	10.79772	-0.1	9.53736	No	23958	GLOBAL	Cartesian	23.94158	0.2	10.83256	No	23.94158	0.2	10.83256	No
23956	GLOBAL	Cartesian	10.79772	-0.2	9.53736	No	10.79772	-0.2	9.53736	No	23959	GLOBAL	Cartesian	23.75701	0.2	10.81443	No	23.75701	0.2	10.81443	No
23957	GLOBAL	Cartesian	10.61022	-0.1	9.51888	No	10.61022	-0.1	9.51888	No	23960	GLOBAL	Cartesian	23.57301	0.2	10.79593	No	23.57301	0.2	10.79593	No
23958	GLOBAL	Cartesian	10.61022	-0.2	9.51888	No	10.61022	-0.2	9.51888	No	23961										

2404	GLOBAL	Cartesian	23.16476	0.2	10.75653	No	23.16476	0.2	10.75653	No	24177	GLOBAL	Cartesian	15.30982	0.1	9.9205	No	15.30982	0.1	9.9205	No
2405	GLOBAL	Cartesian	22.97914	0.1	10.73923	No	22.97914	0.1	10.73923	No	2418	GLOBAL	Cartesian	15.30982	0.2	9.98035	No	15.30982	0.2	9.98035	No
2406	GLOBAL	Cartesian	22.67914	0.2	10.73923	No	22.67914	0.2	10.73923	No	2419	GLOBAL	Cartesian	15.12292	0.1	9.96375	No	15.12292	0.1	9.96375	No
2407	GLOBAL	Cartesian	22.79352	0.1	10.71993	No	22.79352	0.1	10.71993	No	2420	GLOBAL	Cartesian	15.12292	0.2	9.96375	No	15.12292	0.2	9.96375	No
2408	GLOBAL	Cartesian	22.79352	0.2	10.71993	No	22.79352	0.2	10.71993	No	2421	GLOBAL	Cartesian	15.02282	0.1	9.95388	No	15.02282	0.1	9.95388	No
2409	GLOBAL	Cartesian	22.6079	0.1	10.70163	No	22.6079	0.1	10.70163	No	2422	GLOBAL	Cartesian	15.02282	0.2	9.95388	No	15.02282	0.2	9.95388	No
2410	GLOBAL	Cartesian	22.6079	0.2	10.70163	No	22.6079	0.2	10.70163	No	2423	GLOBAL	Cartesian	14.92272	0.1	9.94401	No	14.92272	0.1	9.94401	No
2411	GLOBAL	Cartesian	22.42228	0.1	10.68333	No	22.42228	0.1	10.68333	No	2424	GLOBAL	Cartesian	14.92272	0.2	9.94401	No	14.92272	0.2	9.94401	No
2412	GLOBAL	Cartesian	22.42228	0.2	10.68333	No	22.42228	0.2	10.68333	No	2425	GLOBAL	Cartesian	14.7352	0.1	9.92553	No	14.7352	0.1	9.92553	No
2413	GLOBAL	Cartesian	22.2866	0.1	10.69303	No	22.2866	0.1	10.69303	No	2426	GLOBAL	Cartesian	14.54772	0.2	9.90704	No	14.54772	0.2	9.90704	No
2414	GLOBAL	Cartesian	22.2866	0.2	10.69303	No	22.2866	0.2	10.69303	No	2427	GLOBAL	Cartesian	14.36022	0.1	9.88856	No	14.36022	0.1	9.88856	No
2415	GLOBAL	Cartesian	22.10292	0.1	10.62944	No	22.10292	0.1	10.62944	No	2428	GLOBAL	Cartesian	14.36022	0.2	9.88856	No	14.36022	0.2	9.88856	No
2416	GLOBAL	Cartesian	21.86541	0.1	10.62944	No	21.86541	0.1	10.62944	No	2429	GLOBAL	Cartesian	14.17272	0.1	9.87007	No	14.17272	0.1	9.87007	No
2417	GLOBAL	Cartesian	21.86541	0.2	10.62944	No	21.86541	0.2	10.62944	No	2430	GLOBAL	Cartesian	14.17272	0.2	9.87007	No	14.17272	0.2	9.87007	No
2418	GLOBAL	Cartesian	21.67979	0.1	10.61014	No	21.67979	0.1	10.61014	No	2431	GLOBAL	Cartesian	13.98522	0.1	9.85159	No	13.98522	0.1	9.85159	No
2419	GLOBAL	Cartesian	21.67979	0.2	10.61014	No	21.67979	0.2	10.61014	No	2432	GLOBAL	Cartesian	13.98522	0.2	9.85159	No	13.98522	0.2	9.85159	No
2420	GLOBAL	Cartesian	21.49417	0.1	10.59184	No	21.49417	0.1	10.59184	No	2433	GLOBAL	Cartesian	13.79772	0.1	9.83311	No	13.79772	0.1	9.83311	No
2421	GLOBAL	Cartesian	21.49417	0.2	10.59184	No	21.49417	0.2	10.59184	No	2434	GLOBAL	Cartesian	13.61022	0.2	9.81462	No	13.61022	0.2	9.81462	No
2422	GLOBAL	Cartesian	21.30655	0.1	10.57354	No	21.30655	0.1	10.57354	No	2435	GLOBAL	Cartesian	13.42372	0.1	9.79614	No	13.42372	0.1	9.79614	No
2423	GLOBAL	Cartesian	21.30655	0.2	10.57354	No	21.30655	0.2	10.57354	No	2436	GLOBAL	Cartesian	13.23922	0.2	9.77765	No	13.23922	0.2	9.77765	No
2424	GLOBAL	Cartesian	21.12933	0.1	10.55524	No	21.12933	0.1	10.55524	No	2437	GLOBAL	Cartesian	13.04772	0.1	9.75917	No	13.04772	0.1	9.75917	No
2425	GLOBAL	Cartesian	21.12933	0.2	10.55524	No	21.12933	0.2	10.55524	No	2438	GLOBAL	Cartesian	12.86022	0.2	9.74069	No	12.86022	0.2	9.74069	No
2426	GLOBAL	Cartesian	20.92272	0.1	10.52563	No	20.92272	0.1	10.52563	No	2439	GLOBAL	Cartesian	12.86022	0.1	9.7222	No	12.86022	0.1	9.7222	No
2427	GLOBAL	Cartesian	20.92272	0.2	10.52563	No	20.92272	0.2	10.52563	No	2440	GLOBAL	Cartesian	12.67272	0.2	9.70372	No	12.67272	0.2	9.70372	No
2428	GLOBAL	Cartesian	20.82255	0.1	10.50593	No	20.82255	0.1	10.50593	No	2441	GLOBAL	Cartesian	12.48622	0.1	9.68522	No	12.48622	0.1	9.68522	No
2429	GLOBAL	Cartesian	20.82255	0.2	10.50593	No	20.82255	0.2	10.50593	No	2442	GLOBAL	Cartesian	12.29872	0.2	9.66675	No	12.29872	0.2	9.66675	No
2430	GLOBAL	Cartesian	20.63033	0.1	10.48745	No	20.63033	0.1	10.48745	No	2443	GLOBAL	Cartesian	12.11022	0.1	9.64826	No	12.11022	0.1	9.64826	No
2431	GLOBAL	Cartesian	20.63033	0.2	10.48745	No	20.63033	0.2	10.48745	No	2444	GLOBAL	Cartesian	11.92272	0.2	9.62978	No	11.92272	0.2	9.62978	No
2432	GLOBAL	Cartesian	20.43715	0.1	10.46934	No	20.43715	0.1	10.46934	No	2445	GLOBAL	Cartesian	11.73522	0.1	9.6113	No	11.73522	0.1	9.6113	No
2433	GLOBAL	Cartesian	20.43715	0.2	10.46934	No	20.43715	0.2	10.46934	No	2446	GLOBAL	Cartesian	11.54772	0.2	9.59281	No	11.54772	0.2	9.59281	No
2434	GLOBAL	Cartesian	20.25102	0.1	10.45102	No	20.25102	0.1	10.45102	No	2447	GLOBAL	Cartesian	11.36022	0.1	9.57433	No	11.36022	0.1	9.57433	No
2435	GLOBAL	Cartesian	20.25102	0.2	10.45102	No	20.25102	0.2	10.45102	No	2448	GLOBAL	Cartesian	11.17272	0.2	9.55584	No	11.17272	0.2	9.55584	No
2436	GLOBAL	Cartesian	20.0513	0.1	10.43271	No	20.0513	0.1	10.43271	No	2449	GLOBAL	Cartesian	10.98522	0.1	9.53736	No	10.98522	0.1	9.53736	No
2437	GLOBAL	Cartesian	20.0513	0.2	10.43271	No	20.0513	0.2	10.43271	No	2450	GLOBAL	Cartesian	10.79772	0.2	9.51888	No	10.79772	0.2	9.51888	No
2438	GLOBAL	Cartesian	18.86562	0.1	10.33271	No	18.86562	0.1	10.33271	No	2451	GLOBAL	Cartesian	10.61022	0.1	9.50039	No	10.61022	0.1	9.50039	No
2439	GLOBAL	Cartesian	18.86562	0.2	10.33271	No	18.86562	0.2	10.33271	No	2452	GLOBAL	Cartesian	10.42372	0.2	9.48191	No	10.42372	0.2	9.48191	No
2440	GLOBAL	Cartesian	18.67955	0.1	10.31441	No	18.67955	0.1	10.31441	No	2453	GLOBAL	Cartesian	10.23522	0.1	9.46342	No	10.23522	0.1	9.46342	No
2441	GLOBAL	Cartesian	18.67955	0.2	10.31441	No	18.67955	0.2	10.31441	No	2454	GLOBAL	Cartesian	10.04772	0.2	9.44494	No	10.04772	0.2	9.44494	No
2442	GLOBAL	Cartesian	18.49427	0.1	10.2961	No	18.49427	0.1	10.2961	No	2455	GLOBAL	Cartesian	9.86022	0.1	9.42645	No	9.86022	0.1	9.42645	No
2443	GLOBAL	Cartesian	18.49427	0.2	10.2961	No	18.49427	0.2	10.2961	No	2456	GLOBAL	Cartesian	9.67272	0.2	9.40797	No	9.67272	0.2	9.40797	No
2444	GLOBAL	Cartesian	18.3086	0.1	10.28654	No	18.3086	0.1	10.28654	No	2457	GLOBAL	Cartesian	9.48522	0.1	9.38949	No	9.48522	0.1	9.38949	No
2445	GLOBAL	Cartesian	18.3086	0.2	10.28654	No	18.3086	0.2	10.28654	No	2458	GLOBAL	Cartesian	9.29772	0.2	9.371	No	9.29772	0.2	9.371	No
2446	GLOBAL	Cartesian	18.12292	0.1	10.26949	No	18.12292	0.1	10.26949	No	2459	GLOBAL	Cartesian	9.11022	0.1	9.35252	No	9.11022	0.1	9.35252	No
2447	GLOBAL	Cartesian	18.12292	0.2	10.26949	No	18.12292	0.2	10.26949	No	2460	GLOBAL	Cartesian	8.92272	0.2	9.33371	No	8.92272	0.2	9.33371	No
2448	GLOBAL	Cartesian	18.02282	0.1	10.24963	No	18.02282	0.1	10.24963	No	2461	GLOBAL	Cartesian	8.7352	0.1	9.31522	No	8.7352	0.1	9.31522	No
2449	GLOBAL	Cartesian	18.02282	0.2	10.24963	No	18.02282	0.2	10.24963	No	2462	GLOBAL	Cartesian	8.54772	0.2	9.29674	No	8.54772	0.2	9.29674	No
2450	GLOBAL	Cartesian	17.82772	0.1	10.23976	No	17.82772	0.1	10.23976	No	2463	GLOBAL	Cartesian	8.36022	0.1	9.27826	No	8.36022	0.1	9.27826	No
2451	GLOBAL	Cartesian	17.82772	0.2	10.23976	No	17.82772	0.2	10.23976	No	2464	GLOBAL	Cartesian	8.17272	0.2	9.25978	No	8.17272	0.2	9.25978	No
2452	GLOBAL	Cartesian	17.63272	0.1	10.22989	No	17.63272	0.1	10.22989	No	2465	GLOBAL	Cartesian	7.98522	0.1	9.2413	No	7.98522	0.1	9.2413	No
2453	GLOBAL	Cartesian	17.63272	0.2	10.22989	No	17.63272	0.2	10.22989	No	2466	GLOBAL	Cartesian	7.79772	0.2	9.22281	No	7.79772	0.2	9.22281	No
2454	GLOBAL	Cartesian	17.43772	0.1	10.22004	No	17.43772	0.1	10.22004	No	2467	GLOBAL	Cartesian	7.61022	0.1	9.20433	No	7.61022	0.1	9.20433	No
2455	GLOBAL	Cartesian	17.43772	0.2	10.22004	No	17.43772	0.2	10.22004	No	2468	GLOBAL	Cartesian	7.42372	0.2	9.18584	No	7.42372	0.2	9.18584	No
2456	GLOBAL	Cartesian	17.24272	0.1	10.20173	No	17.24272	0.1	10.20173	No	2469	GLOBAL	Cartesian	7.23622	0.1	9.16736	No	7.23622	0.1	9.16736	No
2457	GLOBAL	Cartesian	17.24272	0.2	10.20173	No	17.24272	0.2	10.20173	No	2470	GLOBAL	Cartesian	7.04872	0.2	9.14887	No	7.04872	0.2	9.14887	No
2458	GLOBAL	Cartesian	17.05132	0.1	10.18343	No	17.05132	0.1	10.18343	No	2471	GLOBAL	Cartesian	6.86122	0.1	9.13039	No	6.86122	0.1	9.13039	No
2459	GLOBAL	Cartesian	17.05132	0.2	10.18343	No	17.05132	0.2	10.18343	No	2472	GLOBAL	Cartesian	6.67372	0.2	9.11190	No	6.67372	0.2	9.11190	No
2460	GLOBAL	Cartesian	16.85632	0.1	10.16512	No	16.85632	0.1	10.16512	No	2473	GLOBAL	Cartesian	6.48622	0.1	9.09342	No	6.48622	0.1	9.09342	No
2461	GLOBAL	Cartesian	16.85632	0.2	10.16512	No	16.85632	0.2	10.16512	No	2474	GLOBAL	Cartesian	6.29872	0.2	9.07493	No	6.29872	0.2	9.07493	No
2462	GLOBAL	Cartesian	16.66142	0.1	10.14681	No	16.66142	0.1	10.14681	No	2475	GLOBAL	Cartesian	6.11122	0.1	9.05644	No	6.11122	0.1	9.05644	No
2463	GLOBAL	Cartesian	16.66142	0.2	10.14681	No	16.66142	0.2	10.14681	No	2476	GLOBAL	Cartesian	5.92372	0.2	9.03795	No	5.92372	0.2	9.03795	No
2464	GLOBAL	Cartesian	16.46642	0.1	10.12851	No	16.46642	0.1	10.12851	No	2477	GLOBAL	Cartesian	5.73622	0.1	9.01946	No	5.73622	0.1	9.01946	No
2465	GLOBAL	Cartesian	16.46642	0.2	10.12851	No	16.46642	0.2	10.12851	No	2478	GLOBAL									

24270	GLOBAL	Cartesian	29.7272	0.2	8.2981	No	29.7272	0.2	8.2981	No	24293	GLOBAL	Cartesian	21.6732	0.1	8.1416	No	21.6732	0.1	8.1416	No
24271	GLOBAL	Cartesian	29.6822	0.2	8.2864	No	29.6822	0.2	8.2864	No	24364	GLOBAL	Cartesian	21.6732	0.2	8.1416	No	21.6732	0.2	8.1416	No
24272	GLOBAL	Cartesian	29.6822	0.2	8.2864	No	29.6822	0.2	8.2864	No	24365	GLOBAL	Cartesian	21.4877	0.1	8.1365	No	21.4877	0.1	8.1365	No
24273	GLOBAL	Cartesian	29.41372	0.1	8.28317	No	29.41372	0.1	8.28317	No	24366	GLOBAL	Cartesian	21.4877	0.2	8.1365	No	21.4877	0.2	8.1365	No
24274	GLOBAL	Cartesian	29.41372	0.2	8.28317	No	29.41372	0.2	8.28317	No	24367	GLOBAL	Cartesian	21.30635	0.1	8.13142	No	21.30635	0.1	8.13142	No
24275	GLOBAL	Cartesian	29.25922	0.1	8.28171	No	29.25922	0.1	8.28171	No	24368	GLOBAL	Cartesian	21.30635	0.2	8.13142	No	21.30635	0.2	8.13142	No
24276	GLOBAL	Cartesian	29.25922	0.2	8.28171	No	29.25922	0.2	8.28171	No	24369	GLOBAL	Cartesian	21.12293	0.1	8.12633	No	21.12293	0.1	8.12633	No
24277	GLOBAL	Cartesian	29.10472	0.1	8.28025	No	29.10472	0.1	8.28025	No	24370	GLOBAL	Cartesian	21.12293	0.2	8.12633	No	21.12293	0.2	8.12633	No
24278	GLOBAL	Cartesian	29.10472	0.2	8.28025	No	29.10472	0.2	8.28025	No	24371	GLOBAL	Cartesian	21.02282	0.1	8.12356	No	21.02282	0.1	8.12356	No
24279	GLOBAL	Cartesian	28.90651	0.1	8.27837	No	28.90651	0.1	8.27837	No	24372	GLOBAL	Cartesian	21.02282	0.2	8.12356	No	21.02282	0.2	8.12356	No
24280	GLOBAL	Cartesian	28.90651	0.2	8.27837	No	28.90651	0.2	8.27837	No	24373	GLOBAL	Cartesian	20.82772	0.1	8.12078	No	20.82772	0.1	8.12078	No
24281	GLOBAL	Cartesian	28.70831	0.1	8.27648	No	28.70831	0.1	8.27648	No	24374	GLOBAL	Cartesian	20.82772	0.2	8.12078	No	20.82772	0.2	8.12078	No
24282	GLOBAL	Cartesian	28.70831	0.2	8.27648	No	28.70831	0.2	8.27648	No	24375	GLOBAL	Cartesian	20.82255	0.1	8.11713	No	20.82255	0.1	8.11713	No
24283	GLOBAL	Cartesian	28.51011	0.1	8.27462	No	28.51011	0.1	8.27462	No	24376	GLOBAL	Cartesian	20.82255	0.2	8.11713	No	20.82255	0.2	8.11713	No
24284	GLOBAL	Cartesian	28.51011	0.2	8.27462	No	28.51011	0.2	8.27462	No	24377	GLOBAL	Cartesian	20.72238	0.1	8.11348	No	20.72238	0.1	8.11348	No
24285	GLOBAL	Cartesian	28.31191	0.1	8.27274	No	28.31191	0.1	8.27274	No	24378	GLOBAL	Cartesian	20.72238	0.2	8.11348	No	20.72238	0.2	8.11348	No
24286	GLOBAL	Cartesian	28.31191	0.2	8.27274	No	28.31191	0.2	8.27274	No	24379	GLOBAL	Cartesian	20.55378	0.1	8.10726	No	20.55378	0.1	8.10726	No
24287	GLOBAL	Cartesian	28.11371	0.1	8.27086	No	28.11371	0.1	8.27086	No	24380	GLOBAL	Cartesian	20.55378	0.2	8.10726	No	20.55378	0.2	8.10726	No
24288	GLOBAL	Cartesian	28.11371	0.2	8.27086	No	28.11371	0.2	8.27086	No	24381	GLOBAL	Cartesian	20.38518	0.1	8.10104	No	20.38518	0.1	8.10104	No
24289	GLOBAL	Cartesian	27.91551	0.1	8.26898	No	27.91551	0.1	8.26898	No	24382	GLOBAL	Cartesian	20.38518	0.2	8.10104	No	20.38518	0.2	8.10104	No
24290	GLOBAL	Cartesian	27.91551	0.2	8.26898	No	27.91551	0.2	8.26898	No	24383	GLOBAL	Cartesian	20.21658	0.1	8.09482	No	20.21658	0.1	8.09482	No
24291	GLOBAL	Cartesian	27.71731	0.1	8.26711	No	27.71731	0.1	8.26711	No	24384	GLOBAL	Cartesian	20.21658	0.2	8.09482	No	20.21658	0.2	8.09482	No
24292	GLOBAL	Cartesian	27.71731	0.2	8.26711	No	27.71731	0.2	8.26711	No	24385	GLOBAL	Cartesian	20.04738	0.1	8.08951	No	20.04738	0.1	8.08951	No
24293	GLOBAL	Cartesian	27.51911	0.1	8.26523	No	27.51911	0.1	8.26523	No	24386	GLOBAL	Cartesian	20.04738	0.2	8.08951	No	20.04738	0.2	8.08951	No
24294	GLOBAL	Cartesian	27.51911	0.2	8.26523	No	27.51911	0.2	8.26523	No	24387	GLOBAL	Cartesian	19.87938	0.1	8.08239	No	19.87938	0.1	8.08239	No
24295	GLOBAL	Cartesian	27.3209	0.1	8.26335	No	27.3209	0.1	8.26335	No	24388	GLOBAL	Cartesian	19.87938	0.2	8.08239	No	19.87938	0.2	8.08239	No
24296	GLOBAL	Cartesian	27.3209	0.2	8.26335	No	27.3209	0.2	8.26335	No	24389	GLOBAL	Cartesian	19.69422	0.1	8.07519	No	19.69422	0.1	8.07519	No
24297	GLOBAL	Cartesian	27.1227	0.1	8.26147	No	27.1227	0.1	8.26147	No	24390	GLOBAL	Cartesian	19.69422	0.2	8.07519	No	19.69422	0.2	8.07519	No
24298	GLOBAL	Cartesian	27.1227	0.2	8.26147	No	27.1227	0.2	8.26147	No	24391	GLOBAL	Cartesian	19.4806	0.1	8.06799	No	19.4806	0.1	8.06799	No
24299	GLOBAL	Cartesian	27.02271	0.1	8.26053	No	27.02271	0.1	8.26053	No	24392	GLOBAL	Cartesian	19.4806	0.2	8.06799	No	19.4806	0.2	8.06799	No
24300	GLOBAL	Cartesian	27.02271	0.2	8.26053	No	27.02271	0.2	8.26053	No	24393	GLOBAL	Cartesian	19.2939	0.1	8.06079	No	19.2939	0.1	8.06079	No
24301	GLOBAL	Cartesian	26.9272	0.1	8.25958	No	26.9272	0.1	8.25958	No	24394	GLOBAL	Cartesian	19.2939	0.2	8.06079	No	19.2939	0.2	8.06079	No
24302	GLOBAL	Cartesian	26.9272	0.2	8.25958	No	26.9272	0.2	8.25958	No	24395	GLOBAL	Cartesian	18.09873	0.1	8.05359	No	18.09873	0.1	8.05359	No
24303	GLOBAL	Cartesian	26.8272	0.1	8.25778	No	26.8272	0.1	8.25778	No	24396	GLOBAL	Cartesian	18.09873	0.2	8.05359	No	18.09873	0.2	8.05359	No
24304	GLOBAL	Cartesian	26.8272	0.2	8.25778	No	26.8272	0.2	8.25778	No	24397	GLOBAL	Cartesian	18.09873	0.1	8.05359	No	18.09873	0.1	8.05359	No
24305	GLOBAL	Cartesian	26.7272	0.1	8.25599	No	26.7272	0.1	8.25599	No	24398	GLOBAL	Cartesian	18.09357	0.2	8.04839	No	18.09357	0.2	8.04839	No
24306	GLOBAL	Cartesian	26.7272	0.2	8.25599	No	26.7272	0.2	8.25599	No	24399	GLOBAL	Cartesian	18.09357	0.1	8.04839	No	18.09357	0.1	8.04839	No
24307	GLOBAL	Cartesian	26.55071	0.1	8.25279	No	26.55071	0.1	8.25279	No	24400	GLOBAL	Cartesian	18.09357	0.2	8.04839	No	18.09357	0.2	8.04839	No
24308	GLOBAL	Cartesian	26.55071	0.2	8.25279	No	26.55071	0.2	8.25279	No	24401	GLOBAL	Cartesian	18.09357	0.1	8.04839	No	18.09357	0.1	8.04839	No
24309	GLOBAL	Cartesian	26.55071	0.1	8.24959	No	26.55071	0.1	8.24959	No	24402	GLOBAL	Cartesian	18.51325	0.1	8.032	No	18.51325	0.1	8.032	No
24310	GLOBAL	Cartesian	26.3787	0.2	8.24659	No	26.3787	0.2	8.24659	No	24403	GLOBAL	Cartesian	18.51325	0.2	8.032	No	18.51325	0.2	8.032	No
24311	GLOBAL	Cartesian	26.3787	0.1	8.24659	No	26.3787	0.1	8.24659	No	24404	GLOBAL	Cartesian	18.31808	0.1	8.0248	No	18.31808	0.1	8.0248	No
24312	GLOBAL	Cartesian	26.20669	0.2	8.24639	No	26.20669	0.2	8.24639	No	24405	GLOBAL	Cartesian	18.31808	0.2	8.0248	No	18.31808	0.2	8.0248	No
24313	GLOBAL	Cartesian	26.20669	0.1	8.24639	No	26.20669	0.1	8.24639	No	24406	GLOBAL	Cartesian	18.12282	0.1	8.0176	No	18.12282	0.1	8.0176	No
24314	GLOBAL	Cartesian	26.0468	0.2	8.24319	No	26.0468	0.2	8.24319	No	24407	GLOBAL	Cartesian	18.12282	0.2	8.0176	No	18.12282	0.2	8.0176	No
24315	GLOBAL	Cartesian	26.0468	0.1	8.24319	No	26.0468	0.1	8.24319	No	24408	GLOBAL	Cartesian	18.02282	0.1	8.01391	No	18.02282	0.1	8.01391	No
24316	GLOBAL	Cartesian	25.8348	0.2	8.23983	No	25.8348	0.2	8.23983	No	24409	GLOBAL	Cartesian	18.02282	0.2	8.01391	No	18.02282	0.2	8.01391	No
24317	GLOBAL	Cartesian	25.65229	0.1	8.23607	No	25.65229	0.1	8.23607	No	24410	GLOBAL	Cartesian	17.92272	0.1	8.01022	No	17.92272	0.1	8.01022	No
24318	GLOBAL	Cartesian	25.65229	0.2	8.23607	No	25.65229	0.2	8.23607	No	24411	GLOBAL	Cartesian	17.92272	0.2	8.01022	No	17.92272	0.2	8.01022	No
24319	GLOBAL	Cartesian	25.46109	0.1	8.23252	No	25.46109	0.1	8.23252	No	24412	GLOBAL	Cartesian	17.82272	0.1	8.00564	No	17.82272	0.1	8.00564	No
24320	GLOBAL	Cartesian	25.46109	0.2	8.23252	No	25.46109	0.2	8.23252	No	24413	GLOBAL	Cartesian	17.82272	0.2	8.00564	No	17.82272	0.2	8.00564	No
24321	GLOBAL	Cartesian	25.2699	0.1	8.22896	No	25.2699	0.1	8.22896	No	24414	GLOBAL	Cartesian	17.72272	0.1	8.00107	No	17.72272	0.1	8.00107	No
24322	GLOBAL	Cartesian	25.2699	0.2	8.22896	No	25.2699	0.2	8.22896	No	24415	GLOBAL	Cartesian	17.72272	0.2	8.00107	No	17.72272	0.2	8.00107	No
24323	GLOBAL	Cartesian	25.0787	0.1	8.2254	No	25.0787	0.1	8.2254	No	24416	GLOBAL	Cartesian	17.5613	0.1	7.99248	No	17.5613	0.1	7.99248	No
24324	GLOBAL	Cartesian	25.0787	0.2	8.2254	No	25.0787	0.2	8.2254	No	24417	GLOBAL	Cartesian	17.5613	0.2	7.99248	No	17.5613	0.2	7.99248	No
24325	GLOBAL	Cartesian	24.8875	0.1	8.22164	No	24.8875	0.1	8.22164	No	24418	GLOBAL	Cartesian	17.4854	0.1	7.98389	No	17.4854	0.1	7.98389	No
24326	GLOBAL	Cartesian	24.8875	0.2	8.22164	No	24.8875	0.2	8.22164	No	24419	GLOBAL	Cartesian	17.4854	0.2	7.98389	No	17.4854	0.2	7.98389	No
24327	GLOBAL	Cartesian	24.69831	0.1	8.21829	No	24.69831	0.1	8.21829	No	24420	GLOBAL	Cartesian	17.4854	0.1	7.98389	No	17.4854	0.1	7.98389	No
24328	GLOBAL	Cartesian	24.69831	0.2	8.21829	No	24.69831	0.2	8.21829	No	24421	GLOBAL	Cartesian	17.4854	0.2	7.98389	No	17.4854	0.2	7.98389	No
24329	GLOBAL	Cartesian	24.50511	0.1	8.21473	No	24.50511	0.1	8.21473	No	24422	GLOBAL	Cartesian	16.97635	0.1	7.96671	No	16.97635	0.1	7.96671	No
24330	GLOBAL	Cartesian	24.50511	0.2	8.21473	No	24.50511	0.2	8.21473	No	24423	GLOBAL	Cartesian	16.97635	0.2	7.96671	No	16.97635	0.2	7.96671	No
24331	GLOBAL	Cartesian	24.31392	0.1	8.21117	No	24.31392	0.1													

24565	24566	24567	24568	24569	24570	24571	24572	24573	24574	24575	24576	24577	24578	24579	24580	24581	24582	24583	24584	24585	24586	24587	24588	24589	24590	24591	24592	24593	24594	24595	24596	24597	24598	24599	24600	24601	24602	24603	24604	24605	24606	24607	24608	24609	24610	24611	24612	24613	24614	24615	24616	24617	24618	24619	24620	24621	24622	24623	24624	24625	24626	24627	24628	24629	24630	24631	24632	24633	24634	24635	24636	24637	24638	24639	24640	24641	24642	24643	24644	24645	24646	24647	24648	24649	24650	24651	24652	24653	24654	24655	24656	24657	24658	24659	24660	24661	24662	24663	24664	24665	24666	24667	24668	24669	24670	24671	24672	24673	24674	24675	24676	24677	24678	24679	24680	24681	24682	24683	24684	24685	24686	24687	24688	24689	24690	24691	24692	24693	24694	24695	24696	24697	24698	24699	24700	24701	24702	24703	24704	24705	24706	24707	24708	24709	24710	24711	24712	24713	24714	24715	24716	24717	24718	24719	24720	24721	24722	24723	24724	24725	24726	24727	24728	24729	24730	24731	24732	24733	24734	24735	24736	24737	24738	24739	24740	24741	24742	24743	24744	24745	24746	24747	24748	24749	24750	24751	24752	24753	24754	24755	24756	24757	24758	24759	24760	24761	24762	24763	24764	24765	24766	24767	24768	24769	24770	24771	24772	24773	24774	24775	24776	24777	24778	24779	24780	24781	24782	24783	24784	24785	24786	24787	24788	24789	24790	24791	24792	24793	24794	24795	24796	24797	24798	24799	24800	24801	24802	24803	24804	24805	24806	24807	24808	24809	24810	24811	24812	24813	24814	24815	24816	24817	24818	24819	24820	24821	24822	24823	24824	24825	24826	24827	24828	24829	24830	24831	24832	24833	24834	24835	24836	24837	24838	24839	24840	24841	24842	24843	24844	24845	24846	24847	24848	24849	24850	24851	24852	24853	24854	24855	24856	24857	24858	24859	24860	24861	24862	24863	24864	24865	24866	24867	24868	24869	24870	24871	24872	24873	24874	24875	24876	24877	24878	24879	24880	24881	24882	24883	24884	24885	24886	24887	24888	24889	24890	24891	24892	24893	24894	24895	24896	24897	24898	24899	24900	24901	24902	24903	24904	24905	24906	24907	24908	24909	24910	24911	24912	24913	24914	24915	24916	24917	24918	24919	24920	24921	24922	24923	24924	24925	24926	24927	24928	24929	24930	24931	24932	24933	24934	24935	24936	24937	24938	24939	24940	24941	24942	24943	24944	24945	24946	24947	24948	24949	24950	24951	24952	24953	24954	24955	24956	24957	24958	24959	24960	24961	24962	24963	24964	24965	24966	24967	24968	24969	24970	24971	24972	24973																																				
GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL	GLOBAL</

24642	GLOBAL	Cartesian	14.92772	-0.2	7.87218	No	14.92772	-0.2	7.87218	-0.2	7.87218	24735	GLOBAL	Cartesian	12.29751	0.1	7.72723	No	12.29751	0.1	7.72723	12.29751	0.1	7.72723
24643	GLOBAL	Cartesian	14.73361	-0.2	7.86178	No	14.73361	-0.1	7.86178	-0.1	7.86178	24736	GLOBAL	Cartesian	12.29751	0.2	7.72723	No	12.29751	0.2	7.72723	12.29751	0.2	7.72723
24644	GLOBAL	Cartesian	14.73361	-0.2	7.86178	No	14.73361	-0.2	7.86178	-0.2	7.86178	24737	GLOBAL	Cartesian	12.11011	0.1	7.71686	No	12.11011	0.1	7.71686	12.11011	0.1	7.71686
24645	GLOBAL	Cartesian	14.54622	-0.1	7.85142	No	14.54622	-0.1	7.85142	-0.1	7.85142	24738	GLOBAL	Cartesian	12.11011	0.2	7.71686	No	12.11011	0.2	7.71686	12.11011	0.2	7.71686
24646	GLOBAL	Cartesian	14.54622	-0.2	7.85142	No	14.54622	-0.2	7.85142	-0.2	7.85142	24739	GLOBAL	Cartesian	11.92272	0.1	7.70657	No	11.92272	0.1	7.70657	11.92272	0.1	7.70657
24647	GLOBAL	Cartesian	14.35883	-0.1	7.84107	No	14.35883	-0.1	7.84107	-0.1	7.84107	24740	GLOBAL	Cartesian	11.92272	0.2	7.70657	No	11.92272	0.2	7.70657	11.92272	0.2	7.70657
24648	GLOBAL	Cartesian	14.35883	-0.2	7.84107	No	14.35883	-0.2	7.84107	-0.2	7.84107	24741	GLOBAL	Cartesian	11.73522	0.1	7.69537	No	11.73522	0.1	7.69537	11.73522	0.1	7.69537
24649	GLOBAL	Cartesian	14.17143	-0.1	7.83073	No	14.17143	-0.1	7.83073	-0.1	7.83073	24742	GLOBAL	Cartesian	11.73522	0.2	7.69537	No	11.73522	0.2	7.69537	11.73522	0.2	7.69537
24650	GLOBAL	Cartesian	14.17143	-0.2	7.83073	No	14.17143	-0.2	7.83073	-0.2	7.83073	24743	GLOBAL	Cartesian	11.54772	0.1	7.68412	No	11.54772	0.1	7.68412	11.54772	0.1	7.68412
24651	GLOBAL	Cartesian	13.98404	-0.1	7.82039	No	13.98404	-0.1	7.82039	-0.1	7.82039	24744	GLOBAL	Cartesian	11.54772	0.2	7.68412	No	11.54772	0.2	7.68412	11.54772	0.2	7.68412
24652	GLOBAL	Cartesian	13.98404	-0.2	7.82039	No	13.98404	-0.2	7.82039	-0.2	7.82039	24745	GLOBAL	Cartesian	11.36022	0.1	7.67287	No	11.36022	0.1	7.67287	11.36022	0.1	7.67287
24653	GLOBAL	Cartesian	13.98404	-0.1	7.81004	No	13.98404	-0.1	7.81004	-0.1	7.81004	24746	GLOBAL	Cartesian	11.36022	0.2	7.67287	No	11.36022	0.2	7.67287	11.36022	0.2	7.67287
24654	GLOBAL	Cartesian	13.98404	-0.2	7.81004	No	13.98404	-0.2	7.81004	-0.2	7.81004	24747	GLOBAL	Cartesian	11.17272	0.1	7.66182	No	11.17272	0.1	7.66182	11.17272	0.1	7.66182
24655	GLOBAL	Cartesian	13.98404	-0.1	7.79971	No	13.98404	-0.1	7.79971	-0.1	7.79971	24748	GLOBAL	Cartesian	11.17272	0.2	7.66182	No	11.17272	0.2	7.66182	11.17272	0.2	7.66182
24656	GLOBAL	Cartesian	13.60226	-0.2	7.78936	No	13.60226	-0.2	7.78936	-0.2	7.78936	24749	GLOBAL	Cartesian	10.98522	0.1	7.65037	No	10.98522	0.1	7.65037	10.98522	0.1	7.65037
24657	GLOBAL	Cartesian	13.42186	-0.1	7.78936	No	13.42186	-0.1	7.78936	-0.1	7.78936	24750	GLOBAL	Cartesian	10.98522	0.2	7.65037	No	10.98522	0.2	7.65037	10.98522	0.2	7.65037
24658	GLOBAL	Cartesian	13.2447	-0.2	7.78936	No	13.2447	-0.2	7.78936	-0.2	7.78936	24751	GLOBAL	Cartesian	10.79772	0.1	7.63912	No	10.79772	0.1	7.63912	10.79772	0.1	7.63912
24659	GLOBAL	Cartesian	13.2447	-0.1	7.77902	No	13.2447	-0.1	7.77902	-0.1	7.77902	24752	GLOBAL	Cartesian	10.79772	0.2	7.63912	No	10.79772	0.2	7.63912	10.79772	0.2	7.63912
24660	GLOBAL	Cartesian	13.2447	-0.2	7.77902	No	13.2447	-0.2	7.77902	-0.2	7.77902	24753	GLOBAL	Cartesian	10.61022	0.1	7.62787	No	10.61022	0.1	7.62787	10.61022	0.1	7.62787
24661	GLOBAL	Cartesian	13.04708	-0.2	7.76867	No	13.04708	-0.2	7.76867	-0.2	7.76867	24754	GLOBAL	Cartesian	10.61022	0.2	7.62787	No	10.61022	0.2	7.62787	10.61022	0.2	7.62787
24662	GLOBAL	Cartesian	13.04708	-0.1	7.75833	No	13.04708	-0.1	7.75833	-0.1	7.75833	24755	GLOBAL	Cartesian	10.42272	0.1	7.61682	No	10.42272	0.1	7.61682	10.42272	0.1	7.61682
24663	GLOBAL	Cartesian	12.85868	-0.2	7.75833	No	12.85868	-0.2	7.75833	-0.2	7.75833	24756	GLOBAL	Cartesian	10.42272	0.2	7.61682	No	10.42272	0.2	7.61682	10.42272	0.2	7.61682
24664	GLOBAL	Cartesian	12.85868	-0.1	7.74789	No	12.85868	-0.1	7.74789	-0.1	7.74789	24757	GLOBAL	Cartesian	10.23522	0.1	7.60537	No	10.23522	0.1	7.60537	10.23522	0.1	7.60537
24665	GLOBAL	Cartesian	12.85868	-0.2	7.74789	No	12.85868	-0.2	7.74789	-0.2	7.74789	24758	GLOBAL	Cartesian	10.04772	0.1	7.59412	No	10.04772	0.1	7.59412	10.04772	0.1	7.59412
24666	GLOBAL	Cartesian	12.85868	-0.1	7.73764	No	12.85868	-0.1	7.73764	-0.1	7.73764	24759	GLOBAL	Cartesian	10.04772	0.2	7.59412	No	10.04772	0.2	7.59412	10.04772	0.2	7.59412
24667	GLOBAL	Cartesian	12.85868	-0.2	7.73764	No	12.85868	-0.2	7.73764	-0.2	7.73764	24760	GLOBAL	Cartesian	9.86022	0.1	7.58287	No	9.86022	0.1	7.58287	9.86022	0.1	7.58287
24668	GLOBAL	Cartesian	12.4849	-0.1	7.73764	No	12.4849	-0.1	7.73764	-0.1	7.73764	24761	GLOBAL	Cartesian	9.86022	0.2	7.58287	No	9.86022	0.2	7.58287	9.86022	0.2	7.58287
24669	GLOBAL	Cartesian	12.29751	-0.2	7.7273	No	12.29751	-0.2	7.7273	-0.2	7.7273	24762	GLOBAL	Cartesian	9.86022	0.1	7.57162	No	9.86022	0.1	7.57162	9.86022	0.1	7.57162
24670	GLOBAL	Cartesian	12.29751	-0.1	7.71686	No	12.29751	-0.1	7.71686	-0.1	7.71686	24763	GLOBAL	Cartesian	9.67272	0.1	7.57162	No	9.67272	0.1	7.57162	9.67272	0.1	7.57162
24671	GLOBAL	Cartesian	12.11011	-0.2	7.71686	No	12.11011	-0.2	7.71686	-0.2	7.71686	24764	GLOBAL	Cartesian	9.67272	0.2	7.57162	No	9.67272	0.2	7.57162	9.67272	0.2	7.57162
24672	GLOBAL	Cartesian	12.11011	-0.1	7.70662	No	12.11011	-0.1	7.70662	-0.1	7.70662	24765	GLOBAL	Cartesian	9.48522	0.1	7.56037	No	9.48522	0.1	7.56037	9.48522	0.1	7.56037
24673	GLOBAL	Cartesian	11.92272	-0.2	7.70662	No	11.92272	-0.2	7.70662	-0.2	7.70662	24766	GLOBAL	Cartesian	9.48522	0.2	7.56037	No	9.48522	0.2	7.56037	9.48522	0.2	7.56037
24674	GLOBAL	Cartesian	11.92272	-0.1	7.69537	No	11.92272	-0.1	7.69537	-0.1	7.69537	24767	GLOBAL	Cartesian	9.29772	0.1	7.54912	No	9.29772	0.1	7.54912	9.29772	0.1	7.54912
24675	GLOBAL	Cartesian	11.92272	-0.2	7.69537	No	11.92272	-0.2	7.69537	-0.2	7.69537	24768	GLOBAL	Cartesian	9.29772	0.2	7.54912	No	9.29772	0.2	7.54912	9.29772	0.2	7.54912
24676	GLOBAL	Cartesian	11.73522	-0.1	7.68412	No	11.73522	-0.1	7.68412	-0.1	7.68412	24769	GLOBAL	Cartesian	9.11022	0.1	7.53787	No	9.11022	0.1	7.53787	9.11022	0.1	7.53787
24677	GLOBAL	Cartesian	11.73522	-0.2	7.68412	No	11.73522	-0.2	7.68412	-0.2	7.68412	24770	GLOBAL	Cartesian	8.92272	0.1	7.52662	No	8.92272	0.1	7.52662	8.92272	0.1	7.52662
24678	GLOBAL	Cartesian	11.54772	-0.1	7.68412	No	11.54772	-0.1	7.68412	-0.1	7.68412	24771	GLOBAL	Cartesian	8.92272	0.2	7.52662	No	8.92272	0.2	7.52662	8.92272	0.2	7.52662
24679	GLOBAL	Cartesian	11.54772	-0.2	7.68412	No	11.54772	-0.2	7.68412	-0.2	7.68412	24772	GLOBAL	Cartesian	8.92272	0.1	7.51682	No	8.92272	0.1	7.51682	8.92272	0.1	7.51682
24680	GLOBAL	Cartesian	11.36022	-0.1	7.67287	No	11.36022	-0.1	7.67287	-0.1	7.67287	24773	GLOBAL	Cartesian	8.92272	0.2	7.51682	No	8.92272	0.2	7.51682	8.92272	0.2	7.51682
24681	GLOBAL	Cartesian	11.36022	-0.2	7.67287	No	11.36022	-0.2	7.67287	-0.2	7.67287	24774	GLOBAL	Cartesian	8.92272	0.1	7.50537	No	8.92272	0.1	7.50537	8.92272	0.1	7.50537
24682	GLOBAL	Cartesian	11.17272	-0.1	7.66182	No	11.17272	-0.1	7.66182	-0.1	7.66182	24775	GLOBAL	Cartesian	8.92272	0.2	7.50537	No	8.92272	0.2	7.50537	8.92272	0.2	7.50537
24683	GLOBAL	Cartesian	11.17272	-0.2	7.66182	No	11.17272	-0.2	7.66182	-0.2	7.66182	24776	GLOBAL	Cartesian	8.92272	0.1	7.49412	No	8.92272	0.1	7.49412	8.92272	0.1	7.49412
24684	GLOBAL	Cartesian	10.98522	-0.1	7.65037	No	10.98522	-0.1	7.65037	-0.1	7.65037	24777	GLOBAL	Cartesian	8.92272	0.2	7.49412	No	8.92272	0.2	7.49412	8.92272	0.2	7.49412
24685	GLOBAL	Cartesian	10.98522	-0.2	7.65037	No	10.98522	-0.2	7.65037	-0.2	7.65037	24778	GLOBAL	Cartesian	8.92272	0.1	7.48287	No	8.92272	0.1	7.48287	8.92272	0.1	7.48287
24686	GLOBAL	Cartesian	10.79772	-0.1	7.63912	No	10.79772	-0.1	7.63912	-0.1	7.63912	24779	GLOBAL	Cartesian	8.92272	0.2	7.48287	No	8.92272	0.2	7.48287	8.92272	0.2	7.48287
24687	GLOBAL	Cartesian	10.79772	-0.2	7.63912	No	10.79772	-0.2	7.63912	-0.2	7.63912	24780	GLOBAL	Cartesian	8.92272	0.1	7.47162	No	8.92272	0.1	7.47162	8.92272	0.1	7.47162
24688	GLOBAL	Cartesian	10.61022	-0.1	7.62787	No	10.61022	-0.1	7.62787	-0.1	7.62787	24781	GLOBAL	Cartesian	8.92272	0.2	7.47162	No	8.92272	0.2	7.47162	8.92272	0.2	7.47162
24689	GLOBAL	Cartesian	10.61022	-0.2	7.62787	No	10.61022	-0.2	7.62787	-0.2	7.62787	24782	GLOBAL	Cartesian	8.92272	0.1	7.46037	No	8.92272	0.1	7.46037	8.92272	0.1	7.46037
24690	GLOBAL	Cartesian	10.42272	-0.1	7.61682	No	10.42272	-0.1	7.61682	-0.1	7.61682	24783	GLOBAL	Cartesian	8.92272	0.2	7.46037	No	8.92272	0.2	7.46037	8.92272	0.2	7.46037
24691	GLOBAL	Cartesian	10.42272	-0.2	7.61682	No	10.42272	-0.2	7.61682	-0.2	7.61682	24784	GLOBAL	Cartesian	8.92272	0.1	7.44912	No	8.92272	0.1	7.44912	8.92272	0.1	7.44912
24692	GLOBAL	Cartesian	10.23522	-0.1	7.60537	No	10.23522	-0.1	7.60537	-0.1	7.60537	24785	GLOBAL	Cartesian	8.92272	0.2	7.44912	No	8.92272	0.2				

31082	GLOBAL	Cartesian	14.92272	-0.1	9.61448	No	14.92272	-0.1	9.61448	No	31167	GLOBAL	Cartesian	17.92272	0.2	9.67604	No	17.92272	0.2	9.67604	No
31083	GLOBAL	Cartesian	14.92272	-0.1	9.55027	No	14.92272	-0.1	9.55027	No	31168	GLOBAL	Cartesian	17.92272	0.2	9.91333	No	17.92272	0.2	9.91333	No
31084	GLOBAL	Cartesian	14.92272	-0.1	9.35736	No	14.92272	-0.1	9.35736	No	31169	GLOBAL	Cartesian	17.92272	0.2	9.86055	No	17.92272	0.2	9.86055	No
31085	GLOBAL	Cartesian	14.92272	-0.1	9.16451	No	14.92272	-0.1	9.16451	No	31160	GLOBAL	Cartesian	17.92272	0.2	9.66231	No	17.92272	0.2	9.66231	No
31086	GLOBAL	Cartesian	14.92272	-0.1	8.97167	No	14.92272	-0.1	8.97167	No	31161	GLOBAL	Cartesian	17.92272	0.2	9.47408	No	17.92272	0.2	9.47408	No
31087	GLOBAL	Cartesian	14.92272	-0.1	8.77883	No	14.92272	-0.1	8.77883	No	31162	GLOBAL	Cartesian	17.92272	0.2	9.28584	No	17.92272	0.2	9.28584	No
31088	GLOBAL	Cartesian	14.92272	-0.1	8.58598	No	14.92272	-0.1	8.58598	No	31163	GLOBAL	Cartesian	17.92272	0.2	9.0976	No	17.92272	0.2	9.0976	No
31089	GLOBAL	Cartesian	14.92272	-0.1	8.40753	No	14.92272	-0.1	8.40753	No	31164	GLOBAL	Cartesian	17.92272	0.2	8.90937	No	17.92272	0.2	8.90937	No
31090	GLOBAL	Cartesian	14.92272	-0.1	8.22908	No	14.92272	-0.1	8.22908	No	31165	GLOBAL	Cartesian	17.92272	0.2	8.72113	No	17.92272	0.2	8.72113	No
31091	GLOBAL	Cartesian	14.92272	-0.1	8.04353	No	14.92272	-0.1	8.04353	No	31166	GLOBAL	Cartesian	17.92272	0.2	8.5434	No	17.92272	0.2	8.5434	No
31092	GLOBAL	Cartesian	14.92272	-0.1	8.86451	No	14.92272	-0.1	8.86451	No	31167	GLOBAL	Cartesian	17.92272	0.2	8.35657	No	17.92272	0.2	8.35657	No
31093	GLOBAL	Cartesian	14.92272	-0.1	8.67167	No	14.92272	-0.1	8.67167	No	31168	GLOBAL	Cartesian	17.92272	0.2	8.16976	No	17.92272	0.2	8.16976	No
31094	GLOBAL	Cartesian	14.92272	-0.2	8.47883	No	14.92272	-0.2	8.47883	No	31169	GLOBAL	Cartesian	17.92272	0.2	7.98294	No	17.92272	0.2	7.98294	No
31095	GLOBAL	Cartesian	14.92272	-0.2	8.28598	No	14.92272	-0.2	8.28598	No	31170	GLOBAL	Cartesian	17.92272	0.2	7.79519	No	17.92272	0.2	7.79519	No
31096	GLOBAL	Cartesian	14.92272	-0.2	8.09307	No	14.92272	-0.2	8.09307	No	31171	GLOBAL	Cartesian	17.92272	0.2	7.60739	No	17.92272	0.2	7.60739	No
31097	GLOBAL	Cartesian	14.92272	-0.2	7.90048	No	14.92272	-0.2	7.90048	No	31172	GLOBAL	Cartesian	17.92272	0.2	7.41968	No	17.92272	0.2	7.41968	No
31098	GLOBAL	Cartesian	14.92272	-0.2	7.70783	No	14.92272	-0.2	7.70783	No	31173	GLOBAL	Cartesian	17.92272	0.2	7.23188	No	17.92272	0.2	7.23188	No
31099	GLOBAL	Cartesian	14.92272	-0.2	7.51502	No	14.92272	-0.2	7.51502	No	31174	GLOBAL	Cartesian	17.92272	0.2	7.04407	No	17.92272	0.2	7.04407	No
31100	GLOBAL	Cartesian	14.92272	-0.2	7.32221	No	14.92272	-0.2	7.32221	No	31175	GLOBAL	Cartesian	17.92272	0.2	6.85626	No	17.92272	0.2	6.85626	No
31101	GLOBAL	Cartesian	14.92272	-0.2	7.12940	No	14.92272	-0.2	7.12940	No	31176	GLOBAL	Cartesian	17.92272	0.2	6.66845	No	17.92272	0.2	6.66845	No
31102	GLOBAL	Cartesian	14.92272	-0.2	6.93659	No	14.92272	-0.2	6.93659	No	31177	GLOBAL	Cartesian	17.92272	0.2	6.48064	No	17.92272	0.2	6.48064	No
31103	GLOBAL	Cartesian	14.92272	-0.2	6.74378	No	14.92272	-0.2	6.74378	No	31178	GLOBAL	Cartesian	17.92272	0.2	6.29283	No	17.92272	0.2	6.29283	No
31104	GLOBAL	Cartesian	14.92272	-0.2	6.55097	No	14.92272	-0.2	6.55097	No	31179	GLOBAL	Cartesian	17.92272	0.2	6.10502	No	17.92272	0.2	6.10502	No
31105	GLOBAL	Cartesian	14.92272	-0.2	6.35816	No	14.92272	-0.2	6.35816	No	31180	GLOBAL	Cartesian	17.92272	0.2	5.91721	No	17.92272	0.2	5.91721	No
31106	GLOBAL	Cartesian	14.92272	-0.2	6.16535	No	14.92272	-0.2	6.16535	No	31181	GLOBAL	Cartesian	17.92272	0.2	5.72940	No	17.92272	0.2	5.72940	No
31107	GLOBAL	Cartesian	14.92272	-0.2	5.97254	No	14.92272	-0.2	5.97254	No	31182	GLOBAL	Cartesian	17.92272	0.2	5.54159	No	17.92272	0.2	5.54159	No
31108	GLOBAL	Cartesian	14.92272	-0.2	5.77973	No	14.92272	-0.2	5.77973	No	31183	GLOBAL	Cartesian	17.92272	0.2	5.35378	No	17.92272	0.2	5.35378	No
31109	GLOBAL	Cartesian	14.92272	-0.2	5.58692	No	14.92272	-0.2	5.58692	No	31184	GLOBAL	Cartesian	17.92272	0.2	5.16597	No	17.92272	0.2	5.16597	No
31110	GLOBAL	Cartesian	14.92272	-0.2	5.39411	No	14.92272	-0.2	5.39411	No	31185	GLOBAL	Cartesian	17.92272	0.2	4.97816	No	17.92272	0.2	4.97816	No
31111	GLOBAL	Cartesian	14.92272	-0.2	5.20130	No	14.92272	-0.2	5.20130	No	31186	GLOBAL	Cartesian	17.92272	0.2	4.79035	No	17.92272	0.2	4.79035	No
31112	GLOBAL	Cartesian	14.92272	-0.2	5.00849	No	14.92272	-0.2	5.00849	No	31187	GLOBAL	Cartesian	17.92272	0.2	4.60254	No	17.92272	0.2	4.60254	No
31113	GLOBAL	Cartesian	14.92272	-0.1	4.81568	No	14.92272	-0.1	4.81568	No	31188	GLOBAL	Cartesian	17.92272	0.2	4.41473	No	17.92272	0.2	4.41473	No
31114	GLOBAL	Cartesian	17.92272	-0.1	4.62287	No	17.92272	-0.1	4.62287	No	31189	GLOBAL	Cartesian	17.92272	0.2	4.22692	No	17.92272	0.2	4.22692	No
31115	GLOBAL	Cartesian	17.92272	-0.1	4.43006	No	17.92272	-0.1	4.43006	No	31190	GLOBAL	Cartesian	17.92272	0.2	4.03911	No	17.92272	0.2	4.03911	No
31116	GLOBAL	Cartesian	17.92272	-0.1	4.23725	No	17.92272	-0.1	4.23725	No	31191	GLOBAL	Cartesian	17.92272	0.2	3.85126	No	17.92272	0.2	3.85126	No
31117	GLOBAL	Cartesian	17.92272	-0.1	4.04444	No	17.92272	-0.1	4.04444	No	31192	GLOBAL	Cartesian	17.92272	0.2	3.66341	No	17.92272	0.2	3.66341	No
31118	GLOBAL	Cartesian	17.92272	-0.1	3.85163	No	17.92272	-0.1	3.85163	No	31193	GLOBAL	Cartesian	17.92272	0.2	3.47556	No	17.92272	0.2	3.47556	No
31119	GLOBAL	Cartesian	17.92272	-0.1	3.65882	No	17.92272	-0.1	3.65882	No	31194	GLOBAL	Cartesian	17.92272	0.2	3.28771	No	17.92272	0.2	3.28771	No
31120	GLOBAL	Cartesian	17.92272	-0.1	3.46597	No	17.92272	-0.1	3.46597	No	31195	GLOBAL	Cartesian	17.92272	0.2	3.09986	No	17.92272	0.2	3.09986	No
31121	GLOBAL	Cartesian	17.92272	-0.1	3.27312	No	17.92272	-0.1	3.27312	No	31196	GLOBAL	Cartesian	17.92272	0.2	2.91201	No	17.92272	0.2	2.91201	No
31122	GLOBAL	Cartesian	17.92272	-0.1	3.08027	No	17.92272	-0.1	3.08027	No	31197	GLOBAL	Cartesian	17.92272	0.2	2.72416	No	17.92272	0.2	2.72416	No
31123	GLOBAL	Cartesian	17.92272	-0.1	2.88742	No	17.92272	-0.1	2.88742	No	31198	GLOBAL	Cartesian	17.92272	0.2	2.53631	No	17.92272	0.2	2.53631	No
31124	GLOBAL	Cartesian	17.92272	-0.1	2.69457	No	17.92272	-0.1	2.69457	No	31199	GLOBAL	Cartesian	17.92272	0.2	2.34846	No	17.92272	0.2	2.34846	No
31125	GLOBAL	Cartesian	17.92272	-0.1	2.50172	No	17.92272	-0.1	2.50172	No	31200	GLOBAL	Cartesian	17.92272	0.2	2.16061	No	17.92272	0.2	2.16061	No
31126	GLOBAL	Cartesian	17.92272	-0.1	2.30887	No	17.92272	-0.1	2.30887	No	31201	GLOBAL	Cartesian	17.92272	0.2	1.97276	No	17.92272	0.2	1.97276	No
31127	GLOBAL	Cartesian	17.92272	-0.1	2.11602	No	17.92272	-0.1	2.11602	No	31202	GLOBAL	Cartesian	17.92272	0.2	1.78491	No	17.92272	0.2	1.78491	No
31128	GLOBAL	Cartesian	17.92272	-0.1	1.92317	No	17.92272	-0.1	1.92317	No	31203	GLOBAL	Cartesian	17.92272	0.2	1.59706	No	17.92272	0.2	1.59706	No
31129	GLOBAL	Cartesian	17.92272	-0.1	1.73032	No	17.92272	-0.1	1.73032	No	31204	GLOBAL	Cartesian	17.92272	0.2	1.40921	No	17.92272	0.2	1.40921	No
31130	GLOBAL	Cartesian	17.92272	-0.1	1.53747	No	17.92272	-0.1	1.53747	No	31205	GLOBAL	Cartesian	17.92272	0.2	1.22136	No	17.92272	0.2	1.22136	No
31131	GLOBAL	Cartesian	17.92272	-0.1	1.34462	No	17.92272	-0.1	1.34462	No	31206	GLOBAL	Cartesian	17.92272	0.2	1.03351	No	17.92272	0.2	1.03351	No
31132	GLOBAL	Cartesian	17.92272	-0.1	1.15177	No	17.92272	-0.1	1.15177	No	31207	GLOBAL	Cartesian	17.92272	0.2	0.84566	No	17.92272	0.2	0.84566	No
31133	GLOBAL	Cartesian	17.92272	-0.1	0.95892	No	17.92272	-0.1	0.95892	No	31208	GLOBAL	Cartesian	17.92272	0.2	0.65781	No	17.92272	0.2	0.65781	No
31134	GLOBAL	Cartesian	17.92272	-0.1	0.76607	No	17.92272	-0.1	0.76607	No	31209	GLOBAL	Cartesian	17.92272	0.2	0.46996	No	17.92272	0.2	0.46996	No
31135	GLOBAL	Cartesian	17.92272	-0.1	0.57322	No	17.92272	-0.1	0.57322	No	31210	GLOBAL	Cartesian	17.92272	0.2	0.28211	No	17.92272	0.2	0.28211	No
31136	GLOBAL	Cartesian	17.92272	-0.1	0.38037	No	17.92272	-0.1	0.38037	No	31211	GLOBAL	Cartesian	17.92272	0.2	0.09426	No	17.92272	0.2	0.09426	No
31137	GLOBAL	Cartesian	17.92272	-0.1	0.18752	No	17.92272	-0.1	0.18752	No	31212	GLOBAL	Cartesian	17.92272	0.2	-0.09759	No	17.92272	0.2	-0.09759	No
31138	GLOBAL	Cartesian	17.92272	-0.1	-0.00533	No	17.92272	-0.1	-0.00533	No	31213	GLOBAL	Cartesian	17.92272	0.2	-0.20974	No	17.92272	0.2	-0.20974	No
31139	GLOBAL	Cartesian	17.92272	-0.1	-0.21248	No	17.92272	-0.1	-0.21248	No	31214	GLOBAL	Cartesian	17.92272	0.2	-0.32189	No	17.92272	0.2	-0.32189	No
31140	GLOBAL	Cartesian	17.92272	-0.2	-0.41963	No	17.92272	-0.2	-0.41963	No	31215	GLOBAL	Cartesian	17.92272	0.2	-0.43404	No	17.92272	0.2	-0.43404	No
31141	GLOBAL	Cartesian	17.92272	-0.2	-0.62678	No	17.92272	-0.2	-0.62678	No	31216	GLOBAL	Cartesian	17.92272	0.2	-0.54619	No	17.92272	0.2	-0.54619	No
31142	GLOBAL	Cartesian	17.92272	-0.2	-0.83393	No	17.92272	-0.2	-0.83393	No	31217	GLOBAL	Cartesian	17.92272	0.2	-0.65834	No	17.92272	0.2		

31438	GLOBAL	Cartesian	32 92288	-0.1	9.37123 No	32 92288	-0.1	9.37122	31529	GLOBAL	Cartesian	35 92288	-0.2	10.53486 No	35 92288	-0.2	10.53486 No
31437	GLOBAL	Cartesian	9.18616 No	-0.1	9.18616 No	32 92288	-0.1	9.18616	31530	GLOBAL	Cartesian	35 92288	-0.2	10.33928 No	35 92288	-0.2	10.33928 No
31436	GLOBAL	Cartesian	32 92288	-0.1	9.00111 No	32 92288	-0.1	9.00111	31531	GLOBAL	Cartesian	35 92288	-0.2	10.1437 No	35 92288	-0.2	10.1437 No
31435	GLOBAL	Cartesian	32 92288	-0.1	8.62279 No	32 92288	-0.1	8.62279	31532	GLOBAL	Cartesian	35 92288	-0.2	9.94811 No	35 92288	-0.2	9.94811 No
31440	GLOBAL	Cartesian	32 92288	-0.1	8.64447 No	32 92288	-0.1	8.64447	31533	GLOBAL	Cartesian	35 92288	-0.2	9.75253 No	35 92288	-0.2	9.75253 No
31441	GLOBAL	Cartesian	32 92288	-0.1	8.46616 No	32 92288	-0.1	8.46616	31534	GLOBAL	Cartesian	35 92288	-0.2	9.55955 No	35 92288	-0.2	9.55955 No
31442	GLOBAL	Cartesian	32 92288	0.1	11.32226 No	32 92288	0.1	11.32226	31535	GLOBAL	Cartesian	35 92288	-0.2	9.36136 No	35 92288	-0.2	9.36136 No
31443	GLOBAL	Cartesian	32 92288	0.1	11.22177 No	32 92288	0.1	11.22177	31536	GLOBAL	Cartesian	35 92288	-0.2	9.16578 No	35 92288	-0.2	9.16578 No
31444	GLOBAL	Cartesian	32 92288	0.1	11.03672 No	32 92288	0.1	11.03672	31537	GLOBAL	Cartesian	35 92288	-0.2	8.9702 No	35 92288	-0.2	8.9702 No
31445	GLOBAL	Cartesian	32 92288	0.1	10.85166 No	32 92288	0.1	10.85166	31538	GLOBAL	Cartesian	35 92288	-0.2	8.79254 No	35 92288	-0.2	8.79254 No
31446	GLOBAL	Cartesian	32 92288	0.1	10.68661 No	32 92288	0.1	10.68661	31539	GLOBAL	Cartesian	35 92288	-0.2	8.61489 No	35 92288	-0.2	8.61489 No
31447	GLOBAL	Cartesian	32 92288	0.1	10.52328 No	32 92288	0.1	10.52328	31540	GLOBAL	Cartesian	35 92288	-0.2	8.43723 No	35 92288	-0.2	8.43723 No
31448	GLOBAL	Cartesian	32 92288	0.1	10.37298 No	32 92288	0.1	10.37298	31541	GLOBAL	Cartesian	35 92288	-0.2	8.26583 No	35 92288	-0.2	8.26583 No
31449	GLOBAL	Cartesian	32 92288	0.1	10.21144 No	32 92288	0.1	10.21144	31542	GLOBAL	Cartesian	35 92288	-0.2	8.09203 No	35 92288	-0.2	8.09203 No
31450	GLOBAL	Cartesian	32 92288	0.1	9.92638 No	32 92288	0.1	9.92638	31543	GLOBAL	Cartesian	35 92288	-0.2	7.91433 No	35 92288	-0.2	7.91433 No
31451	GLOBAL	Cartesian	32 92288	0.1	9.74133 No	32 92288	0.1	9.74133	31544	GLOBAL	Cartesian	35 92288	-0.2	7.73044 No	35 92288	-0.2	7.73044 No
31452	GLOBAL	Cartesian	32 92288	0.1	9.55627 No	32 92288	0.1	9.55627	31545	GLOBAL	Cartesian	35 92288	-0.2	7.54968 No	35 92288	-0.2	7.54968 No
31453	GLOBAL	Cartesian	32 92288	0.1	9.37122 No	32 92288	0.1	9.37122	31546	GLOBAL	Cartesian	35 92288	-0.2	7.36728 No	35 92288	-0.2	7.36728 No
31454	GLOBAL	Cartesian	32 92288	0.1	9.18616 No	32 92288	0.1	9.18616	31547	GLOBAL	Cartesian	35 92288	-0.2	7.18489 No	35 92288	-0.2	7.18489 No
31455	GLOBAL	Cartesian	32 92288	0.1	9.00111 No	32 92288	0.1	9.00111	31548	GLOBAL	Cartesian	35 92288	-0.2	7.00519 No	35 92288	-0.2	7.00519 No
31456	GLOBAL	Cartesian	32 92288	0.1	8.82279 No	32 92288	0.1	8.82279	31549	GLOBAL	Cartesian	35 92288	-0.2	6.82583 No	35 92288	-0.2	6.82583 No
31457	GLOBAL	Cartesian	32 92288	0.1	8.64447 No	32 92288	0.1	8.64447	31550	GLOBAL	Cartesian	35 92288	-0.2	6.64666 No	35 92288	-0.2	6.64666 No
31458	GLOBAL	Cartesian	32 92288	0.1	8.46616 No	32 92288	0.1	8.46616	31551	GLOBAL	Cartesian	35 92288	-0.2	6.46849 No	35 92288	-0.2	6.46849 No
31459	GLOBAL	Cartesian	32 92288	0.1	8.28279 No	32 92288	0.1	8.28279	31552	GLOBAL	Cartesian	35 92288	-0.2	6.27028 No	35 92288	-0.2	6.27028 No
31460	GLOBAL	Cartesian	32 92288	-0.2	11.32277 No	32 92288	-0.2	11.32277	31553	GLOBAL	Cartesian	35 92288	-0.2	6.07298 No	35 92288	-0.2	6.07298 No
31461	GLOBAL	Cartesian	32 92288	-0.2	11.03672 No	32 92288	-0.2	11.03672	31554	GLOBAL	Cartesian	35 92288	-0.2	5.87554 No	35 92288	-0.2	5.87554 No
31462	GLOBAL	Cartesian	32 92288	-0.2	10.85166 No	32 92288	-0.2	10.85166	31555	GLOBAL	Cartesian	35 92288	-0.2	5.67815 No	35 92288	-0.2	5.67815 No
31463	GLOBAL	Cartesian	32 92288	-0.2	10.66661 No	32 92288	-0.2	10.66661	31556	GLOBAL	Cartesian	35 92288	-0.2	5.48076 No	35 92288	-0.2	5.48076 No
31464	GLOBAL	Cartesian	32 92288	-0.2	10.48155 No	32 92288	-0.2	10.48155	31557	GLOBAL	Cartesian	35 92288	-0.2	5.28337 No	35 92288	-0.2	5.28337 No
31465	GLOBAL	Cartesian	32 92288	-0.2	10.2965 No	32 92288	-0.2	10.2965	31558	GLOBAL	Cartesian	35 92288	-0.2	5.08598 No	35 92288	-0.2	5.08598 No
31466	GLOBAL	Cartesian	32 92288	-0.2	10.11144 No	32 92288	-0.2	10.11144	31559	GLOBAL	Cartesian	35 92288	-0.2	4.88859 No	35 92288	-0.2	4.88859 No
31467	GLOBAL	Cartesian	32 92288	-0.2	9.92638 No	32 92288	-0.2	9.92638	31560	GLOBAL	Cartesian	35 92288	-0.2	4.6912 No	35 92288	-0.2	4.6912 No
31468	GLOBAL	Cartesian	32 92288	-0.2	9.74133 No	32 92288	-0.2	9.74133	31561	GLOBAL	Cartesian	35 92288	-0.2	4.49381 No	35 92288	-0.2	4.49381 No
31469	GLOBAL	Cartesian	32 92288	-0.2	9.55627 No	32 92288	-0.2	9.55627	31562	GLOBAL	Cartesian	35 92288	-0.2	4.29642 No	35 92288	-0.2	4.29642 No
31470	GLOBAL	Cartesian	32 92288	-0.2	9.37122 No	32 92288	-0.2	9.37122	31563	GLOBAL	Cartesian	35 92288	-0.2	4.09903 No	35 92288	-0.2	4.09903 No
31471	GLOBAL	Cartesian	32 92288	-0.2	9.18616 No	32 92288	-0.2	9.18616	31564	GLOBAL	Cartesian	35 92288	-0.2	3.90164 No	35 92288	-0.2	3.90164 No
31472	GLOBAL	Cartesian	32 92288	-0.2	9.00111 No	32 92288	-0.2	9.00111	31565	GLOBAL	Cartesian	35 92288	-0.2	3.70425 No	35 92288	-0.2	3.70425 No
31473	GLOBAL	Cartesian	32 92288	-0.2	8.82279 No	32 92288	-0.2	8.82279	31566	GLOBAL	Cartesian	35 92288	-0.2	3.50686 No	35 92288	-0.2	3.50686 No
31474	GLOBAL	Cartesian	32 92288	-0.2	8.64447 No	32 92288	-0.2	8.64447	31567	GLOBAL	Cartesian	35 92288	-0.2	3.30947 No	35 92288	-0.2	3.30947 No
31475	GLOBAL	Cartesian	32 92288	-0.2	8.46616 No	32 92288	-0.2	8.46616	31568	GLOBAL	Cartesian	35 92288	-0.2	3.11208 No	35 92288	-0.2	3.11208 No
31476	GLOBAL	Cartesian	32 92288	-0.2	8.28279 No	32 92288	-0.2	8.28279	31569	GLOBAL	Cartesian	35 92288	-0.2	2.91469 No	35 92288	-0.2	2.91469 No
31477	GLOBAL	Cartesian	32 92288	-0.2	8.10011 No	32 92288	-0.2	8.10011	31570	GLOBAL	Cartesian	35 92288	-0.2	2.7173 No	35 92288	-0.2	2.7173 No
31478	GLOBAL	Cartesian	32 92288	-0.2	7.92062 No	32 92288	-0.2	7.92062	31571	GLOBAL	Cartesian	35 92288	-0.2	2.51991 No	35 92288	-0.2	2.51991 No
31479	GLOBAL	Cartesian	32 92288	-0.2	7.74133 No	32 92288	-0.2	7.74133	31572	GLOBAL	Cartesian	35 92288	-0.2	2.32252 No	35 92288	-0.2	2.32252 No
31480	GLOBAL	Cartesian	32 92288	-0.2	7.56279 No	32 92288	-0.2	7.56279	31573	GLOBAL	Cartesian	35 92288	-0.2	2.12513 No	35 92288	-0.2	2.12513 No
31481	GLOBAL	Cartesian	32 92288	-0.2	7.38447 No	32 92288	-0.2	7.38447	31574	GLOBAL	Cartesian	35 92288	-0.2	1.92774 No	35 92288	-0.2	1.92774 No
31482	GLOBAL	Cartesian	32 92288	-0.2	7.20618 No	32 92288	-0.2	7.20618	31575	GLOBAL	Cartesian	35 92288	-0.2	1.73035 No	35 92288	-0.2	1.73035 No
31483	GLOBAL	Cartesian	32 92288	-0.2	7.02789 No	32 92288	-0.2	7.02789	31576	GLOBAL	Cartesian	35 92288	-0.2	1.53296 No	35 92288	-0.2	1.53296 No
31484	GLOBAL	Cartesian	32 92288	-0.2	6.84960 No	32 92288	-0.2	6.84960	31577	GLOBAL	Cartesian	35 92288	-0.2	1.33557 No	35 92288	-0.2	1.33557 No
31485	GLOBAL	Cartesian	32 92288	-0.2	6.67131 No	32 92288	-0.2	6.67131	31578	GLOBAL	Cartesian	35 92288	-0.2	1.13818 No	35 92288	-0.2	1.13818 No
31486	GLOBAL	Cartesian	32 92288	-0.2	6.49302 No	32 92288	-0.2	6.49302	31579	GLOBAL	Cartesian	35 92288	-0.2	0.94079 No	35 92288	-0.2	0.94079 No
31487	GLOBAL	Cartesian	32 92288	-0.2	6.31473 No	32 92288	-0.2	6.31473	31580	GLOBAL	Cartesian	35 92288	-0.2	0.74340 No	35 92288	-0.2	0.74340 No
31488	GLOBAL	Cartesian	32 92288	-0.2	6.13644 No	32 92288	-0.2	6.13644	31581	GLOBAL	Cartesian	35 92288	-0.2	0.54601 No	35 92288	-0.2	0.54601 No
31489	GLOBAL	Cartesian	32 92288	-0.2	5.95815 No	32 92288	-0.2	5.95815	31582	GLOBAL	Cartesian	35 92288	-0.2	0.34862 No	35 92288	-0.2	0.34862 No
31490	GLOBAL	Cartesian	32 92288	-0.2	5.77986 No	32 92288	-0.2	5.77986	31583	GLOBAL	Cartesian	35 92288	-0.2	0.15123 No	35 92288	-0.2	0.15123 No
31491	GLOBAL	Cartesian	32 92288	-0.1	9.94811 No	35 92288	-0.1	9.94811	31584	GLOBAL	Cartesian	35 92288	-0.2	10.24901 No	35 92288	-0.2	10.24901 No
31492	GLOBAL	Cartesian	35 92288	-0.1	9.75253 No	35 92288	-0.1	9.75253	31585	GLOBAL	Cartesian	35 92288	-0.2	10.05162 No	35 92288	-0.2	10.05162 No
31493	GLOBAL	Cartesian	35 92288	-0.1	9.55696 No	35 92288	-0.1	9.55696	31586	GLOBAL	Cartesian	35 92288	-0.2	9.85423 No	35 92288	-0.2	9.85423 No
31494	GLOBAL	Cartesian	35 92288	-0.1	9.36136 No	35 92288	-0.1	9.36136	31587	GLOBAL	Cartesian	35 92288	-0.2	9.65684 No	35 92288	-0.2	9.65684 No
31495	GLOBAL	Cartesian	35 92288	-0.1	9.16578 No	35 92288	-0.1	9.16578	31588	GLOBAL	Cartesian	35 92288	-0.2	9.45945 No	35 92288	-0.2	9.45945 No
31496	GLOBAL	Cartesian	35 92288	-0.1	8.9702 No	35 92288	-0.1	8.9702	31589	GLOBAL	Cartesian	35 92288	-0.2	9.26206 No	35 92288	-0.2	9.26206 No
31497	GLOBAL	Cartesian	35 92288	-0.1	8.77455 No	35 92288	-0.1	8.77455	31590	GLOBAL	Cartesian	35 92288	-0.2	9.06467 No	35 92288	-0.2	9.06467 No
31498	GLOBAL	Cartesian	35 92288	-0.1	8.57899 No	35 92288	-0.1	8.57899	31591	GLOBAL	Cartesian	35 92288	-0.2	8.86728 No	35 92288	-0.2	8.86728 No
31499	GLOBAL	Cartesian	35 92288	-0.1	8.38272 No	35 92288	-0.1	8.38272	31592	GLOBAL	Cartesian	35 92288	-0.2	8.66989 No	35 92288	-0.2	8.66989 No
31500	GLOBAL	Cartesian	35 92288	-0.1	8.18736 No	35 92288	-0.1	8.18736	31593	GLOBAL	Cartesian	35 92288	-0.2	8.47250 No	35 92288	-0.2	8.47250 No
31501	GLOBAL	Cartesian	35 92288	-0.1	7.99290 No	35 92288	-0.1	7.99290	31594	GLOBAL	Cartesian	35 92288	-0.2	8.27511 No	35 92288	-0.2	8.27511 No
31502	GLOBAL	Cartesian	35 92288	-0.1	7.79844 No	35 92288	-0.1	7.79844	31595	GLOBAL	Cartesian	3					

31622	GLOBAL	Cartesian	41.92268	-0.1	10.33453	No	41.92268	-0.1	10.32453	31715	GLOBAL	Cartesian	44.92268	-0.2	9.47408	No	44.92268	-0.2	9.47408
31623	GLOBAL	Cartesian	41.92268	-0.1	10.27191	No	41.92268	-0.1	10.27191	31716	GLOBAL	Cartesian	44.92268	-0.2	9.28584	No	44.92268	-0.2	9.28584
31624	GLOBAL	Cartesian	41.92268	-0.1	10.20203	No	41.92268	-0.1	10.20203	31717	GLOBAL	Cartesian	44.92268	-0.2	9.0976	No	44.92268	-0.2	9.0976
31625	GLOBAL	Cartesian	41.92268	-0.1	10.14666	No	41.92268	-0.1	10.14666	31718	GLOBAL	Cartesian	44.92268	-0.2	8.90937	No	44.92268	-0.2	8.90937
31626	GLOBAL	Cartesian	41.92268	-0.1	9.95879	No	41.92268	-0.1	9.95879	31719	GLOBAL	Cartesian	44.92268	-0.2	8.72113	No	44.92268	-0.2	8.72113
31627	GLOBAL	Cartesian	41.92268	-0.1	9.77091	No	41.92268	-0.1	9.77091	31720	GLOBAL	Cartesian	44.92268	-0.2	8.5434	No	44.92268	-0.2	8.5434
31628	GLOBAL	Cartesian	41.92268	-0.1	9.58304	No	41.92268	-0.1	9.58304	31721	GLOBAL	Cartesian	44.92268	-0.2	8.36567	No	44.92268	-0.2	8.36567
31629	GLOBAL	Cartesian	41.92268	-0.1	9.39516	No	41.92268	-0.1	9.39516	31722	GLOBAL	Cartesian	44.92268	-0.2	8.18795	No	44.92268	-0.2	8.18795
31630	GLOBAL	Cartesian	41.92268	-0.1	9.20729	No	41.92268	-0.1	9.20729	31723	GLOBAL	Cartesian	44.92268	-0.2	10.13927	No	44.92268	-0.2	10.13927
31631	GLOBAL	Cartesian	41.92268	-0.1	9.01941	No	41.92268	-0.1	9.01941	31724	GLOBAL	Cartesian	44.92268	-0.2	9.97604	No	44.92268	-0.2	9.97604
31632	GLOBAL	Cartesian	41.92268	-0.1	8.83154	No	41.92268	-0.1	8.83154	31725	GLOBAL	Cartesian	44.92268	-0.2	9.80379	No	44.92268	-0.2	9.80379
31633	GLOBAL	Cartesian	41.92268	-0.1	8.64368	No	41.92268	-0.1	8.64368	31726	GLOBAL	Cartesian	44.92268	-0.2	9.63152	No	44.92268	-0.2	9.63152
31634	GLOBAL	Cartesian	41.92268	-0.1	8.45582	No	41.92268	-0.1	8.45582	31727	GLOBAL	Cartesian	44.92268	-0.2	9.45925	No	44.92268	-0.2	9.45925
31635	GLOBAL	Cartesian	41.92268	-0.1	8.26796	No	41.92268	-0.1	8.26796	31728	GLOBAL	Cartesian	44.92268	-0.2	9.28698	No	44.92268	-0.2	9.28698
31636	GLOBAL	Cartesian	41.92268	-0.1	8.07991	No	41.92268	-0.1	8.07991	31729	GLOBAL	Cartesian	44.92268	-0.2	9.11471	No	44.92268	-0.2	9.11471
31637	GLOBAL	Cartesian	41.92268	-0.1	7.89186	No	41.92268	-0.1	7.89186	31730	GLOBAL	Cartesian	44.92268	-0.2	9.00379	No	44.92268	-0.2	9.00379
31638	GLOBAL	Cartesian	41.92268	-0.1	7.70381	No	41.92268	-0.1	7.70381	31731	GLOBAL	Cartesian	44.92268	-0.2	8.89289	No	44.92268	-0.2	8.89289
31639	GLOBAL	Cartesian	41.92268	-0.1	7.51576	No	41.92268	-0.1	7.51576	31732	GLOBAL	Cartesian	44.92268	-0.2	8.78190	No	44.92268	-0.2	8.78190
31640	GLOBAL	Cartesian	41.92268	-0.1	7.32771	No	41.92268	-0.1	7.32771	31733	GLOBAL	Cartesian	44.92268	-0.2	8.67091	No	44.92268	-0.2	8.67091
31641	GLOBAL	Cartesian	41.92268	-0.1	7.13966	No	41.92268	-0.1	7.13966	31734	GLOBAL	Cartesian	44.92268	-0.2	8.55992	No	44.92268	-0.2	8.55992
31642	GLOBAL	Cartesian	41.92268	-0.1	6.95161	No	41.92268	-0.1	6.95161	31735	GLOBAL	Cartesian	44.92268	-0.2	8.44893	No	44.92268	-0.2	8.44893
31643	GLOBAL	Cartesian	41.92268	-0.1	6.76356	No	41.92268	-0.1	6.76356	31736	GLOBAL	Cartesian	44.92268	-0.2	8.33794	No	44.92268	-0.2	8.33794
31644	GLOBAL	Cartesian	41.92268	-0.1	6.57551	No	41.92268	-0.1	6.57551	31737	GLOBAL	Cartesian	44.92268	-0.2	8.22695	No	44.92268	-0.2	8.22695
31645	GLOBAL	Cartesian	41.92268	-0.1	6.38746	No	41.92268	-0.1	6.38746	31738	GLOBAL	Cartesian	44.92268	-0.2	8.11596	No	44.92268	-0.2	8.11596
31646	GLOBAL	Cartesian	41.92268	-0.1	6.19941	No	41.92268	-0.1	6.19941	31739	GLOBAL	Cartesian	44.92268	-0.2	8.00497	No	44.92268	-0.2	8.00497
31647	GLOBAL	Cartesian	41.92268	-0.1	6.01136	No	41.92268	-0.1	6.01136	31740	GLOBAL	Cartesian	44.92268	-0.2	7.89398	No	44.92268	-0.2	7.89398
31648	GLOBAL	Cartesian	41.92268	-0.1	5.82331	No	41.92268	-0.1	5.82331	31741	GLOBAL	Cartesian	44.92268	-0.2	7.78299	No	44.92268	-0.2	7.78299
31649	GLOBAL	Cartesian	41.92268	-0.1	5.63526	No	41.92268	-0.1	5.63526	31742	GLOBAL	Cartesian	44.92268	-0.2	7.67200	No	44.92268	-0.2	7.67200
31650	GLOBAL	Cartesian	41.92268	-0.1	5.44721	No	41.92268	-0.1	5.44721	31743	GLOBAL	Cartesian	44.92268	-0.2	7.56101	No	44.92268	-0.2	7.56101
31651	GLOBAL	Cartesian	41.92268	-0.2	10.43502	No	41.92268	-0.2	10.43502	31744	GLOBAL	Cartesian	44.92268	-0.1	9.35736	No	44.92268	-0.1	9.35736
31652	GLOBAL	Cartesian	41.92268	-0.2	10.35453	No	41.92268	-0.2	10.35453	31745	GLOBAL	Cartesian	44.92268	-0.1	9.16451	No	44.92268	-0.1	9.16451
31653	GLOBAL	Cartesian	41.92268	-0.2	10.27191	No	41.92268	-0.2	10.27191	31746	GLOBAL	Cartesian	44.92268	-0.1	8.97167	No	44.92268	-0.1	8.97167
31654	GLOBAL	Cartesian	41.92268	-0.2	10.18936	No	41.92268	-0.2	10.18936	31747	GLOBAL	Cartesian	44.92268	-0.1	8.77883	No	44.92268	-0.1	8.77883
31655	GLOBAL	Cartesian	41.92268	-0.2	10.10681	No	41.92268	-0.2	10.10681	31748	GLOBAL	Cartesian	44.92268	-0.1	8.58598	No	44.92268	-0.1	8.58598
31656	GLOBAL	Cartesian	41.92268	-0.2	10.02426	No	41.92268	-0.2	10.02426	31749	GLOBAL	Cartesian	44.92268	-0.1	8.39313	No	44.92268	-0.1	8.39313
31657	GLOBAL	Cartesian	41.92268	-0.2	9.94171	No	41.92268	-0.2	9.94171	31750	GLOBAL	Cartesian	44.92268	-0.1	8.20028	No	44.92268	-0.1	8.20028
31658	GLOBAL	Cartesian	41.92268	-0.2	9.85916	No	41.92268	-0.2	9.85916	31751	GLOBAL	Cartesian	44.92268	-0.1	8.00743	No	44.92268	-0.1	8.00743
31659	GLOBAL	Cartesian	41.92268	-0.2	9.77661	No	41.92268	-0.2	9.77661	31752	GLOBAL	Cartesian	44.92268	-0.1	7.81458	No	44.92268	-0.1	7.81458
31660	GLOBAL	Cartesian	41.92268	-0.2	9.69406	No	41.92268	-0.2	9.69406	31753	GLOBAL	Cartesian	44.92268	-0.1	7.62173	No	44.92268	-0.1	7.62173
31661	GLOBAL	Cartesian	41.92268	-0.2	9.61151	No	41.92268	-0.2	9.61151	31754	GLOBAL	Cartesian	44.92268	-0.1	7.42888	No	44.92268	-0.1	7.42888
31662	GLOBAL	Cartesian	41.92268	-0.2	9.52896	No	41.92268	-0.2	9.52896	31755	GLOBAL	Cartesian	44.92268	-0.1	7.23603	No	44.92268	-0.1	7.23603
31663	GLOBAL	Cartesian	41.92268	-0.2	9.44641	No	41.92268	-0.2	9.44641	31756	GLOBAL	Cartesian	44.92268	-0.1	7.04318	No	44.92268	-0.1	7.04318
31664	GLOBAL	Cartesian	41.92268	-0.2	9.36386	No	41.92268	-0.2	9.36386	31757	GLOBAL	Cartesian	44.92268	-0.1	6.85033	No	44.92268	-0.1	6.85033
31665	GLOBAL	Cartesian	41.92268	-0.2	9.28131	No	41.92268	-0.2	9.28131	31758	GLOBAL	Cartesian	44.92268	-0.1	6.65748	No	44.92268	-0.1	6.65748
31666	GLOBAL	Cartesian	41.92268	-0.2	9.19876	No	41.92268	-0.2	9.19876	31759	GLOBAL	Cartesian	44.92268	-0.1	6.46463	No	44.92268	-0.1	6.46463
31667	GLOBAL	Cartesian	41.92268	-0.2	9.11621	No	41.92268	-0.2	9.11621	31760	GLOBAL	Cartesian	44.92268	-0.1	6.27178	No	44.92268	-0.1	6.27178
31668	GLOBAL	Cartesian	41.92268	-0.2	9.03416	No	41.92268	-0.2	9.03416	31761	GLOBAL	Cartesian	44.92268	-0.1	6.07893	No	44.92268	-0.1	6.07893
31669	GLOBAL	Cartesian	41.92268	-0.2	8.95211	No	41.92268	-0.2	8.95211	31762	GLOBAL	Cartesian	44.92268	-0.1	5.88608	No	44.92268	-0.1	5.88608
31670	GLOBAL	Cartesian	41.92268	-0.2	8.86956	No	41.92268	-0.2	8.86956	31763	GLOBAL	Cartesian	44.92268	-0.1	5.69323	No	44.92268	-0.1	5.69323
31671	GLOBAL	Cartesian	41.92268	-0.2	8.78701	No	41.92268	-0.2	8.78701	31764	GLOBAL	Cartesian	44.92268	-0.1	5.50038	No	44.92268	-0.1	5.50038
31672	GLOBAL	Cartesian	41.92268	-0.2	8.70446	No	41.92268	-0.2	8.70446	31765	GLOBAL	Cartesian	44.92268	-0.1	5.30753	No	44.92268	-0.1	5.30753
31673	GLOBAL	Cartesian	41.92268	-0.2	8.62191	No	41.92268	-0.2	8.62191	31766	GLOBAL	Cartesian	44.92268	-0.1	5.11468	No	44.92268	-0.1	5.11468
31674	GLOBAL	Cartesian	41.92268	-0.2	8.53936	No	41.92268	-0.2	8.53936	31767	GLOBAL	Cartesian	44.92268	-0.1	4.92183	No	44.92268	-0.1	4.92183
31675	GLOBAL	Cartesian	41.92268	-0.2	8.45681	No	41.92268	-0.2	8.45681	31768	GLOBAL	Cartesian	44.92268	-0.1	4.72898	No	44.92268	-0.1	4.72898
31676	GLOBAL	Cartesian	41.92268	-0.2	8.37426	No	41.92268	-0.2	8.37426	31769	GLOBAL	Cartesian	44.92268	-0.1	4.53613	No	44.92268	-0.1	4.53613
31677	GLOBAL	Cartesian	41.92268	-0.2	8.29171	No	41.92268	-0.2	8.29171	31770	GLOBAL	Cartesian	44.92268	-0.1	4.34328	No	44.92268	-0.1	4.34328
31678	GLOBAL	Cartesian	41.92268	-0.2	8.20916	No	41.92268	-0.2	8.20916	31771	GLOBAL	Cartesian	44.92268	-0.1	4.15043	No	44.92268	-0.1	4.15043
31679	GLOBAL	Cartesian	41.92268	-0.2	8.12661	No	41.92268	-0.2	8.12661	31772	GLOBAL	Cartesian	44.92268	-0.1	3.95758	No	44.92268	-0.1	3.95758
31680	GLOBAL	Cartesian	41.92268	-0.2	8.04406	No	41.92268	-0.2	8.04406	31773	GLOBAL	Cartesian	44.92268	-0.1	3.76473	No	44.92268	-0.1	3.76473
31681	GLOBAL	Cartesian	41.92268	-0.1	10.13927	No	41.92268	-0.1	10.13927	31774	GLOBAL	Cartesian	44.92268	-0.2	9.47408	No	44.92268	-0.2	9.47408
31682	GLOBAL	Cartesian	41.92268	-0.1	10.05672	No	41.92268	-0.1	10.05672	31775	GLOBAL	Cartesian	44.92268	-0.2	9.28113	No	44.92268	-0.2	9.28113
31683	GLOBAL	Cartesian	41.92268	-0.1	9.97417	No	41.92268	-0.1	9.97417	31776	GLOBAL	Cartesian	44.92268	-0.2	9.08818	No	44.92268	-0.2	9.08818
31684	GLOBAL	Cartesian	41.92268	-0.1	9.89162	No	41.92268	-0.1	9.89162	31777	GLOBAL	Cartesian	44.92268	-0.2	8.89523	No	44.92268	-0.2	8.89523
31685	GLOBAL	Cartesian	41.92268	-0.1	9.80907	No	41.92268	-0.1	9.80907	31778	GLOBAL	Cartesian	44.92268	-0.2	8.70228	No	44.92268	-0.2	

31810	GLOBAL	Cartesian	50.92268	0.1	8.94759	No	50.92268	0.1	8.94759	No	31903	GLOBAL	Cartesian	32.72268	3.65	9.002	No	32.72268	3.65	9.002	No
31811	GLOBAL	Cartesian	50.92268	0.1	8.78102	No	50.92268	0.1	8.78102	No	31904	GLOBAL	Cartesian	32.92268	3.65	9.00111	No	32.92268	3.65	9.00111	No
31812	GLOBAL	Cartesian	50.92268	0.1	8.61446	No	50.92268	0.1	8.61446	No	31905	GLOBAL	Cartesian	33.02268	3.65	8.28784	No	33.02268	3.65	8.28784	No
31813	GLOBAL	Cartesian	50.92268	0.1	8.44789	No	50.92268	0.1	8.44789	No	31906	GLOBAL	Cartesian	32.72268	3.65	8.28784	No	32.72268	3.65	8.28784	No
31814	GLOBAL	Cartesian	50.92268	0.1	8.26259	No	50.92268	0.1	8.26259	No	31907	GLOBAL	Cartesian	33.12268	3.65	8.99921	No	33.12268	3.65	8.99921	No
31815	GLOBAL	Cartesian	50.92268	0.1	8.0773	No	50.92268	0.1	8.0773	No	31908	GLOBAL	Cartesian	33.12268	3.65	8.2861	No	33.12268	3.65	8.2861	No
31816	GLOBAL	Cartesian	50.92268	-0.2	7.882	No	50.92268	-0.2	7.882	No	31909	GLOBAL	Cartesian	35.72268	3.65	11.14671	No	35.72268	3.65	11.14671	No
31817	GLOBAL	Cartesian	50.92268	-0.2	9.54779	No	50.92268	-0.2	9.54779	No	31910	GLOBAL	Cartesian	35.72268	3.65	10.94574	No	35.72268	3.65	10.94574	No
31818	GLOBAL	Cartesian	50.92268	-0.2	9.44729	No	50.92268	-0.2	9.44729	No	31911	GLOBAL	Cartesian	35.92268	3.65	11.127	No	35.92268	3.65	11.127	No
31819	GLOBAL	Cartesian	50.92268	-0.2	9.39177	No	50.92268	-0.2	9.39177	No	31912	GLOBAL	Cartesian	35.92268	3.65	10.92603	No	35.92268	3.65	10.92603	No
31820	GLOBAL	Cartesian	50.92268	-0.2	9.33625	No	50.92268	-0.2	9.33625	No	31913	GLOBAL	Cartesian	36.12268	3.65	11.0728	No	36.12268	3.65	11.0728	No
31821	GLOBAL	Cartesian	50.92268	-0.2	9.14146	No	50.92268	-0.2	9.14146	No	31914	GLOBAL	Cartesian	38.72268	3.65	10.85907	No	38.72268	3.65	10.85907	No
31822	GLOBAL	Cartesian	50.92268	-0.2	8.94759	No	50.92268	-0.2	8.94759	No	31915	GLOBAL	Cartesian	38.72268	3.65	10.65	No	38.72268	3.65	10.65	No
31823	GLOBAL	Cartesian	50.92268	-0.2	8.78102	No	50.92268	-0.2	8.78102	No	31916	GLOBAL	Cartesian	38.92268	3.65	10.83125	No	38.92268	3.65	10.83125	No
31824	GLOBAL	Cartesian	50.92268	-0.2	8.61446	No	50.92268	-0.2	8.61446	No	31917	GLOBAL	Cartesian	38.92268	3.65	10.63028	No	38.92268	3.65	10.63028	No
31825	GLOBAL	Cartesian	50.92268	-0.2	8.44789	No	50.92268	-0.2	8.44789	No	31918	GLOBAL	Cartesian	39.12377	3.65	10.81413	No	39.12377	3.65	10.81413	No
31826	GLOBAL	Cartesian	50.92268	-0.2	8.26259	No	50.92268	-0.2	8.26259	No	31919	GLOBAL	Cartesian	39.12377	3.65	10.61046	No	39.12377	3.65	10.61046	No
31827	GLOBAL	Cartesian	50.92268	-0.2	8.0773	No	50.92268	-0.2	8.0773	No	31920	GLOBAL	Cartesian	41.72247	3.65	10.55524	No	41.72247	3.65	10.55524	No
31828	GLOBAL	Cartesian	50.92268	-0.2	7.882	No	50.92268	-0.2	7.882	No	31921	GLOBAL	Cartesian	41.72247	3.65	10.35427	No	41.72247	3.65	10.35427	No
31829	GLOBAL	Cartesian	50.92268	0.2	9.54779	No	50.92268	0.2	9.54779	No	31922	GLOBAL	Cartesian	41.92268	3.65	10.5355	No	41.92268	3.65	10.5355	No
31830	GLOBAL	Cartesian	50.92268	0.2	9.44729	No	50.92268	0.2	9.44729	No	31923	GLOBAL	Cartesian	41.92268	3.65	10.33453	No	41.92268	3.65	10.33453	No
31831	GLOBAL	Cartesian	50.92268	0.2	9.39177	No	50.92268	0.2	9.39177	No	31924	GLOBAL	Cartesian	42.12268	3.65	10.31478	No	42.12268	3.65	10.31478	No
31832	GLOBAL	Cartesian	50.92268	0.2	9.33625	No	50.92268	0.2	9.33625	No	31925	GLOBAL	Cartesian	42.12268	3.65	10.2949	No	42.12268	3.65	10.2949	No
31833	GLOBAL	Cartesian	50.92268	0.2	9.28073	No	50.92268	0.2	9.28073	No	31926	GLOBAL	Cartesian	44.72248	3.65	10.5852	No	44.72248	3.65	10.5852	No
31834	GLOBAL	Cartesian	50.92268	0.2	9.14146	No	50.92268	0.2	9.14146	No	31927	GLOBAL	Cartesian	44.72248	3.65	10.23976	No	44.72248	3.65	10.23976	No
31835	GLOBAL	Cartesian	50.92268	0.2	8.94759	No	50.92268	0.2	8.94759	No	31928	GLOBAL	Cartesian	44.92268	3.65	10.49288	No	44.92268	3.65	10.49288	No
31836	GLOBAL	Cartesian	50.92268	0.2	8.78102	No	50.92268	0.2	8.78102	No	31929	GLOBAL	Cartesian	44.92268	3.65	10.23976	No	44.92268	3.65	10.23976	No
31837	GLOBAL	Cartesian	50.92268	0.2	8.61446	No	50.92268	0.2	8.61446	No	31930	GLOBAL	Cartesian	45.12268	3.65	10.03979	No	45.12268	3.65	10.03979	No
31838	GLOBAL	Cartesian	50.92268	0.2	8.44789	No	50.92268	0.2	8.44789	No	31931	GLOBAL	Cartesian	45.12268	3.65	10.22004	No	45.12268	3.65	10.22004	No
31839	GLOBAL	Cartesian	50.92268	0.2	8.26259	No	50.92268	0.2	8.26259	No	31932	GLOBAL	Cartesian	45.12268	3.65	10.01907	No	45.12268	3.65	10.01907	No
31840	GLOBAL	Cartesian	50.92268	0.2	8.0773	No	50.92268	0.2	8.0773	No	31933	GLOBAL	Cartesian	47.72248	3.65	9.96375	No	47.72248	3.65	9.96375	No
31841	GLOBAL	Cartesian	50.92268	0.2	7.882	No	50.92268	0.2	7.882	No	31934	GLOBAL	Cartesian	47.72248	3.65	9.76278	No	47.72248	3.65	9.76278	No
31842	GLOBAL	Cartesian	50.92268	-0.1	9.28073	No	50.92268	-0.1	9.28073	No	31935	GLOBAL	Cartesian	47.92268	3.65	9.94001	No	47.92268	3.65	9.94001	No
31843	GLOBAL	Cartesian	50.92268	-0.1	9.14146	No	50.92268	-0.1	9.14146	No	31936	GLOBAL	Cartesian	48.12268	3.65	9.73052	No	48.12268	3.65	9.73052	No
31844	GLOBAL	Cartesian	50.92268	-0.1	9.00802	No	50.92268	-0.1	9.00802	No	31937	GLOBAL	Cartesian	48.12268	3.65	9.44729	No	48.12268	3.65	9.44729	No
31845	GLOBAL	Cartesian	50.92268	-0.1	9.00802	No	50.92268	-0.1	9.00802	No	31938	GLOBAL	Cartesian	50.92268	3.65	9.35252	No	50.92268	3.65	9.35252	No
31846	GLOBAL	Cartesian	50.92268	-0.1	9.01126	No	50.92268	-0.1	9.01126	No	31939	GLOBAL	Cartesian	50.92268	3.65	9.15155	No	50.92268	3.65	9.15155	No
31847	GLOBAL	Cartesian	50.92268	-0.1	8.79096	No	50.92268	-0.1	8.79096	No	31940	GLOBAL	Cartesian	50.92268	3.65	8.9702	No	50.92268	3.65	8.9702	No
31848	GLOBAL	Cartesian	50.92268	-0.1	8.79096	No	50.92268	-0.1	8.79096	No	31941	GLOBAL	Cartesian	50.92268	3.65	8.79251	No	50.92268	3.65	8.79251	No
31849	GLOBAL	Cartesian	50.92268	-0.1	8.73067	No	50.92268	-0.1	8.73067	No	31942	GLOBAL	Cartesian	35.72273	3.65	8.97351	No	35.72273	3.65	8.97351	No
31850	GLOBAL	Cartesian	50.92268	-0.1	8.59038	No	50.92268	-0.1	8.59038	No	31943	GLOBAL	Cartesian	36.12268	3.65	8.96688	No	36.12268	3.65	8.96688	No
31851	GLOBAL	Cartesian	50.92268	-0.1	8.45009	No	50.92268	-0.1	8.45009	No	31944	GLOBAL	Cartesian	36.12268	3.65	8.91455	No	36.12268	3.65	8.91455	No
31852	GLOBAL	Cartesian	50.92268	-0.1	8.30979	No	50.92268	-0.1	8.30979	No	31945	GLOBAL	Cartesian	38.72268	3.65	8.91971	No	38.72268	3.65	8.91971	No
31853	GLOBAL	Cartesian	50.92268	-0.1	8.14402	No	50.92268	-0.1	8.14402	No	31946	GLOBAL	Cartesian	39.12377	3.65	8.90396	No	39.12377	3.65	8.90396	No
31854	GLOBAL	Cartesian	50.92268	-0.1	7.91825	No	50.92268	-0.1	7.91825	No	31947	GLOBAL	Cartesian	41.92268	3.65	8.83154	No	41.92268	3.65	8.83154	No
31855	GLOBAL	Cartesian	50.92268	-0.1	7.72248	No	50.92268	-0.1	7.72248	No	31948	GLOBAL	Cartesian	42.12268	3.65	8.82452	No	42.12268	3.65	8.82452	No
31856	GLOBAL	Cartesian	50.92268	0.1	9.15155	No	50.92268	0.1	9.15155	No	31949	GLOBAL	Cartesian	42.12302	3.65	8.82452	No	42.12302	3.65	8.82452	No
31857	GLOBAL	Cartesian	50.92268	0.1	9.10478	No	50.92268	0.1	9.10478	No	31950	GLOBAL	Cartesian	44.92268	3.65	8.7213	No	44.92268	3.65	8.7213	No
31858	GLOBAL	Cartesian	50.92268	0.1	9.05802	No	50.92268	0.1	9.05802	No	31951	GLOBAL	Cartesian	44.72248	3.65	8.73	No	44.72248	3.65	8.73	No
31859	GLOBAL	Cartesian	50.92268	0.1	9.05802	No	50.92268	0.1	9.05802	No	31952	GLOBAL	Cartesian	45.12268	3.65	8.71228	No	45.12268	3.65	8.71228	No
31860	GLOBAL	Cartesian	50.92268	0.1	9.01126	No	50.92268	0.1	9.01126	No	31953	GLOBAL	Cartesian	47.92268	3.65	8.58598	No	47.92268	3.65	8.58598	No
31861	GLOBAL	Cartesian	50.92268	0.1	8.79096	No	50.92268	0.1	8.79096	No	31954	GLOBAL	Cartesian	47.72248	3.65	8.5952	No	47.72248	3.65	8.5952	No
31862	GLOBAL	Cartesian	50.92268	0.1	8.73067	No	50.92268	0.1	8.73067	No	31955	GLOBAL	Cartesian	35.92268	3.65	8.25568	No	35.92268	3.65	8.25568	No
31863	GLOBAL	Cartesian	50.92268	0.1	8.59038	No	50.92268	0.1	8.59038	No	31956	GLOBAL	Cartesian	35.7227	3.65	8.26147	No	35.7227	3.65	8.26147	No
31864	GLOBAL	Cartesian	50.92268	0.1	8.45009	No	50.92268	0.1	8.45009	No	31957	GLOBAL	Cartesian	36.12268	3.65	8.25569	No	36.12268	3.65	8.25569	No
31865	GLOBAL	Cartesian	50.92268	0.1	8.30979	No	50.92268	0.1	8.30979	No	31958	GLOBAL	Cartesian	38.92268	3.65	8.20389	No	38.92268	3.65	8.20389	No
31866	GLOBAL	Cartesian	50.92268	0.1	8.14402	No	50.92268	0.1	8.14402	No	31959	GLOBAL	Cartesian	39.12377	3.65	8.19843	No	39.12377	3.65	8.19843	No
31867	GLOBAL	Cartesian	50.92268	0.1	7.91825	No	50.92268	0.1	7.91825	No	31960	GLOBAL	Cartesian	41.92268	3.65	8.12078	No	41.92268	3.65	8.12078	No
31868	GLOBAL	Cartesian	50.92268	0.1	7.72248	No	50.92268	0.1	7.72248	No	31961	GLOBAL	Cartesian	41.92268	3.65	8.12633	No	41.92268	3.65	8.12633	No
31869	GLOBAL	Cartesian	50.92268	-0.2	9.25033	No	50.92268	-0.2	9.25033	No	31962	GLOBAL	Cartesian	41.72247	3.65	8.12633	No	41.72247	3.65	8.12633	No
31870	GLOBAL	Cartesian	50.92268	-0.2	9.15155	No															

32183	GLOBAL	Cartesian	38.82288	3.65	10.64014	No	38.82288	3.65	10.64014	No
32184	GLOBAL	Cartesian	38.82288	3.65	10.73077	No	38.82288	3.65	10.73077	No
32185	GLOBAL	Cartesian	39.02233	3.65	10.82134	No	39.02233	3.65	10.82134	No
32186	GLOBAL	Cartesian	39.02233	3.65	10.72085	No	39.02233	3.65	10.72085	No
32187	GLOBAL	Cartesian	39.02233	3.65	10.62037	No	39.02233	3.65	10.62037	No
32188	GLOBAL	Cartesian	39.12377	3.65	10.71094	No	39.12377	3.65	10.71094	No
32189	GLOBAL	Cartesian	39.30939	3.65	10.79313	No	39.30939	3.65	10.79313	No
32190	GLOBAL	Cartesian	39.30939	3.65	10.69264	No	39.30939	3.65	10.69264	No
32191	GLOBAL	Cartesian	39.30939	3.65	10.59218	No	39.30939	3.65	10.59218	No
32192	GLOBAL	Cartesian	39.49602	3.65	10.77483	No	39.49602	3.65	10.77483	No
32193	GLOBAL	Cartesian	39.49602	3.65	10.67434	No	39.49602	3.65	10.67434	No
32194	GLOBAL	Cartesian	39.50064	3.65	10.75653	No	39.50064	3.65	10.75653	No
32195	GLOBAL	Cartesian	39.60064	3.65	10.66004	No	39.60064	3.65	10.66004	No
32196	GLOBAL	Cartesian	39.60064	3.65	10.55556	No	39.60064	3.65	10.55556	No
32197	GLOBAL	Cartesian	39.60064	3.65	10.73923	No	39.60064	3.65	10.73923	No
32198	GLOBAL	Cartesian	39.86626	3.65	10.38623	No	39.86626	3.65	10.38623	No
32199	GLOBAL	Cartesian	39.86626	3.65	10.63775	No	39.86626	3.65	10.63775	No
32200	GLOBAL	Cartesian	39.86626	3.65	10.53726	No	39.86626	3.65	10.53726	No
32201	GLOBAL	Cartesian	40.05188	3.65	10.71993	No	40.05188	3.65	10.71993	No
32202	GLOBAL	Cartesian	40.05188	3.65	10.61943	No	40.05188	3.65	10.61943	No
32203	GLOBAL	Cartesian	40.05188	3.65	10.51898	No	40.05188	3.65	10.51898	No
32204	GLOBAL	Cartesian	40.2375	3.65	10.70163	No	40.2375	3.65	10.70163	No
32205	GLOBAL	Cartesian	40.2375	3.65	10.60046	No	40.2375	3.65	10.60046	No
32206	GLOBAL	Cartesian	40.2375	3.65	10.50068	No	40.2375	3.65	10.50068	No
32207	GLOBAL	Cartesian	40.2375	3.65	10.89333	No	40.2375	3.65	10.89333	No
32208	GLOBAL	Cartesian	40.2375	3.65	10.59285	No	40.2375	3.65	10.59285	No
32209	GLOBAL	Cartesian	40.2375	3.65	10.48236	No	40.2375	3.65	10.48236	No
32210	GLOBAL	Cartesian	40.60874	3.65	10.66503	No	40.60874	3.65	10.66503	No
32211	GLOBAL	Cartesian	40.60874	3.65	10.56455	No	40.60874	3.65	10.56455	No
32212	GLOBAL	Cartesian	40.60874	3.65	10.46406	No	40.60874	3.65	10.46406	No
32213	GLOBAL	Cartesian	40.79437	3.65	10.64674	No	40.79437	3.65	10.64674	No
32214	GLOBAL	Cartesian	40.79437	3.65	10.54623	No	40.79437	3.65	10.54623	No
32215	GLOBAL	Cartesian	40.79437	3.65	10.44571	No	40.79437	3.65	10.44571	No
32216	GLOBAL	Cartesian	40.79689	3.65	10.62264	No	40.79689	3.65	10.62264	No
32217	GLOBAL	Cartesian	40.79689	3.65	10.52284	No	40.79689	3.65	10.52284	No
32218	GLOBAL	Cartesian	40.79689	3.65	10.42747	No	40.79689	3.65	10.42747	No
32219	GLOBAL	Cartesian	41.16601	3.65	10.61014	No	41.16601	3.65	10.61014	No
32220	GLOBAL	Cartesian	41.16601	3.65	10.50965	No	41.16601	3.65	10.50965	No
32221	GLOBAL	Cartesian	41.16601	3.65	10.40917	No	41.16601	3.65	10.40917	No
32222	GLOBAL	Cartesian	41.35723	3.65	10.59184	No	41.35723	3.65	10.59184	No
32223	GLOBAL	Cartesian	41.35723	3.65	10.49133	No	41.35723	3.65	10.49133	No
32224	GLOBAL	Cartesian	41.53685	3.65	10.57354	No	41.53685	3.65	10.57354	No
32225	GLOBAL	Cartesian	41.53685	3.65	10.47305	No	41.53685	3.65	10.47305	No
32226	GLOBAL	Cartesian	41.53685	3.65	10.37251	No	41.53685	3.65	10.37251	No
32227	GLOBAL	Cartesian	41.72247	3.65	10.45476	No	41.72247	3.65	10.45476	No
32228	GLOBAL	Cartesian	41.72247	3.65	10.35437	No	41.72247	3.65	10.35437	No
32229	GLOBAL	Cartesian	41.82238	3.65	10.44489	No	41.82238	3.65	10.44489	No
32230	GLOBAL	Cartesian	41.82238	3.65	10.34444	No	41.82238	3.65	10.34444	No
32231	GLOBAL	Cartesian	41.92288	3.65	10.43502	No	41.92288	3.65	10.43502	No
32232	GLOBAL	Cartesian	42.02285	3.65	10.52563	No	42.02285	3.65	10.52563	No
32233	GLOBAL	Cartesian	42.02285	3.65	10.42514	No	42.02285	3.65	10.42514	No
32234	GLOBAL	Cartesian	42.02285	3.65	10.32466	No	42.02285	3.65	10.32466	No
32235	GLOBAL	Cartesian	42.12302	3.65	10.41527	No	42.12302	3.65	10.41527	No
32236	GLOBAL	Cartesian	42.30069	3.65	10.49745	No	42.30069	3.65	10.49745	No
32237	GLOBAL	Cartesian	42.30069	3.65	10.39697	No	42.30069	3.65	10.39697	No
32238	GLOBAL	Cartesian	42.30069	3.65	10.29649	No	42.30069	3.65	10.29649	No
32239	GLOBAL	Cartesian	42.30069	3.65	10.19600	No	42.30069	3.65	10.19600	No
32240	GLOBAL	Cartesian	42.49437	3.65	10.37986	No	42.49437	3.65	10.37986	No
32241	GLOBAL	Cartesian	42.49437	3.65	10.27818	No	42.49437	3.65	10.27818	No
32242	GLOBAL	Cartesian	42.68004	3.65	10.46904	No	42.68004	3.65	10.46904	No
32243	GLOBAL	Cartesian	42.68004	3.65	10.36036	No	42.68004	3.65	10.36036	No
32244	GLOBAL	Cartesian	42.86004	3.65	10.25987	No	42.86004	3.65	10.25987	No
32245	GLOBAL	Cartesian	42.86004	3.65	10.44254	No	42.86004	3.65	10.44254	No
32246	GLOBAL	Cartesian	42.86572	3.65	10.34205	No	42.86572	3.65	10.34205	No
32247	GLOBAL	Cartesian	42.86572	3.65	10.24157	No	42.86572	3.65	10.24157	No
32248	GLOBAL	Cartesian	43.0514	3.65	10.42423	No	43.0514	3.65	10.42423	No
32249	GLOBAL	Cartesian	43.0514	3.65	10.32375	No	43.0514	3.65	10.32375	No
32250	GLOBAL	Cartesian	43.0514	3.65	10.22327	No	43.0514	3.65	10.22327	No
32251	GLOBAL	Cartesian	43.23707	3.65	10.40593	No	43.23707	3.65	10.40593	No
32252	GLOBAL	Cartesian	43.23707	3.65	10.30544	No	43.23707	3.65	10.30544	No
32253	GLOBAL	Cartesian	43.23707	3.65	10.20466	No	43.23707	3.65	10.20466	No
32254	GLOBAL	Cartesian	43.42275	3.65	10.39782	No	43.42275	3.65	10.39782	No
32255	GLOBAL	Cartesian	43.42275	3.65	10.28714	No	43.42275	3.65	10.28714	No
32256	GLOBAL	Cartesian	43.42275	3.65	10.18665	No	43.42275	3.65	10.18665	No
32257	GLOBAL	Cartesian	43.60942	3.65	10.36932	No	43.60942	3.65	10.36932	No
32258	GLOBAL	Cartesian	43.60942	3.65	10.26883	No	43.60942	3.65	10.26883	No
32259	GLOBAL	Cartesian	43.60942	3.65	10.16835	No	43.60942	3.65	10.16835	No
32260	GLOBAL	Cartesian	43.79471	3.65	10.35202	No	43.79471	3.65	10.35202	No
32261	GLOBAL	Cartesian	43.79471	3.65	10.25154	No	43.79471	3.65	10.25154	No
32262	GLOBAL	Cartesian	43.79471	3.65	10.15105	No	43.79471	3.65	10.15105	No
32263	GLOBAL	Cartesian	43.97978	3.65	10.33271	No	43.97978	3.65	10.33271	No
32264	GLOBAL	Cartesian	43.97978	3.65	10.23223	No	43.97978	3.65	10.23223	No
32265	GLOBAL	Cartesian	43.97978	3.65	10.13174	No	43.97978	3.65	10.13174	No
32266	GLOBAL	Cartesian	44.16545	3.65	10.31441	No	44.16545	3.65	10.31441	No
32267	GLOBAL	Cartesian	44.16545	3.65	10.21392	No	44.16545	3.65	10.21392	No
32268	GLOBAL	Cartesian	44.16545	3.65	10.11344	No	44.16545	3.65	10.11344	No
32269	GLOBAL	Cartesian	44.35113	3.65	10.2961	No	44.35113	3.65	10.2961	No
32270	GLOBAL	Cartesian	44.35113	3.65	10.19562	No	44.35113	3.65	10.19562	No
32271	GLOBAL	Cartesian	44.53688	3.65	10.27778	No	44.53688	3.65	10.27778	No
32272	GLOBAL	Cartesian	44.53688	3.65	10.17731	No	44.53688	3.65	10.17731	No
32273	GLOBAL	Cartesian	44.72247	3.65	10.35943	No	44.72247	3.65	10.35943	No
32274	GLOBAL	Cartesian	44.72247	3.65	10.25893	No	44.72247	3.65	10.25893	No
32275	GLOBAL	Cartesian	44.82258	3.65	10.14914	No	44.82258	3.65	10.14914	No
32276	GLOBAL	Cartesian	44.82258	3.65	10.04866	No	44.82258	3.65	10.04866	No
32277	GLOBAL	Cartesian	44.82258	3.65	10.13927	No	44.82258	3.65	10.13927	No
32278	GLOBAL	Cartesian	44.82258	3.65	10.03878	No	44.82258	3.65	10.03878	No
32279	GLOBAL	Cartesian	45.02288	3.65	10.2259	No	45.02288	3.65	10.2259	No
32280	GLOBAL	Cartesian	45.02288	3.65	10.12541	No	45.02288	3.65	10.12541	No
32281	GLOBAL	Cartesian	45.12288	3.65	10.02593	No	45.12288	3.65	10.02593	No
32282	GLOBAL	Cartesian	45.12288	3.65	10.11956	No	45.12288	3.65	10.11956	No
32283	GLOBAL	Cartesian	45.30838	3.65	10.20713	No	45.30838	3.65	10.20713	No
32284	GLOBAL	Cartesian	45.30838	3.65	10.10725	No	45.30838	3.65	10.10725	No
32285	GLOBAL	Cartesian	45.30838	3.65	10.00076	No	45.30838	3.65	10.00076	No
32286	GLOBAL	Cartesian	45.49408	3.65	10.18343	No	45.49408	3.65	10.18343	No
32287	GLOBAL	Cartesian	45.49408	3.65	10.08294	No	45.49408	3.65	10.08294	No
32288	GLOBAL	Cartesian	45.67978	3.65	10.16512	No	45.67978	3.65	10.16512	No
32289	GLOBAL	Cartesian	45.67978	3.65	10.06464	No	45.67978	3.65	10.06464	No
32290	GLOBAL	Cartesian	45.67978	3.65	10.96415	No	45.67978	3.65	10.96415	No
32291	GLOBAL	Cartesian	45.86548	3.65	10.14681	No	45.86548	3.65	10.14681	No
32292	GLOBAL	Cartesian	45.86548	3.65	10.04633	No	45.86548	3.65	10.04633	No
32293	GLOBAL	Cartesian	45.86548	3.65	9.94584	No	45.86548	3.65	9.94584	No
32294	GLOBAL	Cartesian	46.05118	3.65	10.22651	No	46.05118	3.65	10.22651	No
32295	GLOBAL	Cartesian	46.05118	3.65	10.12602	No	46.05118	3.65	10.12602	No
32296	GLOBAL	Cartesian	46.05118	3.65	9.92754	No	46.05118	3.65	9.92754	No
32297	GLOBAL	Cartesian	46.23688	3.65	10.1102	No	46.2			

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32927	GLOBAL	Cartesian	34.85656	3.65	9.92471	No	34.85656	3.65	9.92471	No	33020	GLOBAL	Cartesian	37.79933	3.65	10.33407	No	37.79933	3.65	10.33407	No	33029	GLOBAL	Cartesian	38.07778	3.65	10.27544	No	38.07778	3.65	10.27544	No
32928	GLOBAL	Cartesian	34.85922	3.65	10.23981	No	34.85922	3.65	10.23981	No	33021	GLOBAL	Cartesian	38.07778	3.65	10.27544	No	38.07778	3.65	10.27544	No	33030	GLOBAL	Cartesian	38.16196	3.65	10.21592	No	38.16196	3.65	10.21592	No
32929	GLOBAL	Cartesian	34.78943	3.65	10.1294	No	34.78943	3.65	10.1294	No	33023	GLOBAL	Cartesian	38.25112	3.65	10.1564	No	38.25112	3.65	10.1564	No	33031	GLOBAL	Cartesian	38.25112	3.65	10.1564	No	38.25112	3.65	10.1564	No
32930	GLOBAL	Cartesian	34.88393	3.65	10.0788	No	34.88393	3.65	10.0788	No	33024	GLOBAL	Cartesian	38.34029	3.65	10.09897	No	38.34029	3.65	10.09897	No	33032	GLOBAL	Cartesian	38.34029	3.65	10.09897	No	38.34029	3.65	10.09897	No
32931	GLOBAL	Cartesian	34.97943	3.65	10.02819	No	34.97943	3.65	10.02819	No	33025	GLOBAL	Cartesian	38.13971	3.65	10.44889	No	38.13971	3.65	10.44889	No	33033	GLOBAL	Cartesian	38.13971	3.65	10.44889	No	38.13971	3.65	10.44889	No
32932	GLOBAL	Cartesian	34.74489	3.65	10.35375	No	34.74489	3.65	10.35375	No	33026	GLOBAL	Cartesian	38.22097	3.65	10.38473	No	38.22097	3.65	10.38473	No	33034	GLOBAL	Cartesian	38.22097	3.65	10.38473	No	38.22097	3.65	10.38473	No
32933	GLOBAL	Cartesian	34.8345	3.65	10.29823	No	34.8345	3.65	10.29823	No	33027	GLOBAL	Cartesian	38.30323	3.65	10.32048	No	38.30323	3.65	10.32048	No	33035	GLOBAL	Cartesian	38.30323	3.65	10.32048	No	38.30323	3.65	10.32048	No
32934	GLOBAL	Cartesian	34.9241	3.65	10.24271	No	34.9241	3.65	10.24271	No	33028	GLOBAL	Cartesian	38.39549	3.65	10.25623	No	38.39549	3.65	10.25623	No	33036	GLOBAL	Cartesian	38.39549	3.65	10.25623	No	38.39549	3.65	10.25623	No
32935	GLOBAL	Cartesian	35.0137	3.65	10.18719	No	35.0137	3.65	10.18719	No	33029	GLOBAL	Cartesian	38.46715	3.65	10.19199	No	38.46715	3.65	10.19199	No	33037	GLOBAL	Cartesian	38.46715	3.65	10.19199	No	38.46715	3.65	10.19199	No
32936	GLOBAL	Cartesian	35.1031	3.65	10.13168	No	35.1031	3.65	10.13168	No	33030	GLOBAL	Cartesian	38.53979	3.65	10.36029	No	38.53979	3.65	10.36029	No	33038	GLOBAL	Cartesian	38.53979	3.65	10.36029	No	38.53979	3.65	10.36029	No
32937	GLOBAL	Cartesian	35.1932	3.65	10.07912	No	35.1932	3.65	10.07912	No	33031	GLOBAL	Cartesian	38.61243	3.65	10.31583	No	38.61243	3.65	10.31583	No	33039	GLOBAL	Cartesian	38.61243	3.65	10.31583	No	38.61243	3.65	10.31583	No
32938	GLOBAL	Cartesian	35.2833	3.65	10.02626	No	35.2833	3.65	10.02626	No	33032	GLOBAL	Cartesian	38.68508	3.65	10.26983	No	38.68508	3.65	10.26983	No	33040	GLOBAL	Cartesian	38.68508	3.65	10.26983	No	38.68508	3.65	10.26983	No
32939	GLOBAL	Cartesian	35.3734	3.65	10.01645	No	35.3734	3.65	10.01645	No	33033	GLOBAL	Cartesian	38.75772	3.65	10.42504	No	38.75772	3.65	10.42504	No	33041	GLOBAL	Cartesian	38.75772	3.65	10.42504	No	38.75772	3.65	10.42504	No
32940	GLOBAL	Cartesian	35.4635	3.65	10.01645	No	35.4635	3.65	10.01645	No	33034	GLOBAL	Cartesian	38.83037	3.65	10.35807	No	38.83037	3.65	10.35807	No	33042	GLOBAL	Cartesian	38.83037	3.65	10.35807	No	38.83037	3.65	10.35807	No
32941	GLOBAL	Cartesian	35.5536	3.65	10.29569	No	35.5536	3.65	10.29569	No	33035	GLOBAL	Cartesian	38.90302	3.65	10.28922	No	38.90302	3.65	10.28922	No	33043	GLOBAL	Cartesian	38.90302	3.65	10.28922	No	38.90302	3.65	10.28922	No
32942	GLOBAL	Cartesian	35.6437	3.65	10.25178	No	35.6437	3.65	10.25178	No	33036	GLOBAL	Cartesian	38.97567	3.65	10.26731	No	38.97567	3.65	10.26731	No	33044	GLOBAL	Cartesian	38.97567	3.65	10.26731	No	38.97567	3.65	10.26731	No
32943	GLOBAL	Cartesian	35.7338	3.65	10.60003	No	35.7338	3.65	10.60003	No	33037	GLOBAL	Cartesian	39.04832	3.65	10.5296	No	39.04832	3.65	10.5296	No	33045	GLOBAL	Cartesian	39.04832	3.65	10.5296	No	39.04832	3.65	10.5296	No
32944	GLOBAL	Cartesian	35.8239	3.65	10.53468	No	35.8239	3.65	10.53468	No	33038	GLOBAL	Cartesian	39.12097	3.65	10.45591	No	39.12097	3.65	10.45591	No	33046	GLOBAL	Cartesian	39.12097	3.65	10.45591	No	39.12097	3.65	10.45591	No
32945	GLOBAL	Cartesian	35.9140	3.65	10.46933	No	35.9140	3.65	10.46933	No	33039	GLOBAL	Cartesian	39.19362	3.65	10.45947	No	39.19362	3.65	10.45947	No	33047	GLOBAL	Cartesian	39.19362	3.65	10.45947	No	39.19362	3.65	10.45947	No
32946	GLOBAL	Cartesian	35.9941	3.65	10.40399	No	35.9941	3.65	10.40399	No	33040	GLOBAL	Cartesian	39.26627	3.65	9.01476	No	39.26627	3.65	9.01476	No	33048	GLOBAL	Cartesian	39.26627	3.65	9.01476	No	39.26627	3.65	9.01476	No
32947	GLOBAL	Cartesian	35.9941	3.65	10.33884	No	35.9941	3.65	10.33884	No	33041	GLOBAL	Cartesian	39.33892	3.65	8.99585	No	39.33892	3.65	8.99585	No	33049	GLOBAL	Cartesian	39.33892	3.65	8.99585	No	39.33892	3.65	8.99585	No
32948	GLOBAL	Cartesian	35.9941	3.65	10.22311	No	35.9941	3.65	10.22311	No	33042	GLOBAL	Cartesian	39.41157	3.65	8.98639	No	39.41157	3.65	8.98639	No	33050	GLOBAL	Cartesian	39.41157	3.65	8.98639	No	39.41157	3.65	8.98639	No
32949	GLOBAL	Cartesian	35.9941	3.65	10.10783	No	35.9941	3.65	10.10783	No	33043	GLOBAL	Cartesian	39.48422	3.65	8.97693	No	39.48422	3.65	8.97693	No	33051	GLOBAL	Cartesian	39.48422	3.65	8.97693	No	39.48422	3.65	8.97693	No
32950	GLOBAL	Cartesian	35.9941	3.65	10.09228	No	35.9941	3.65	10.09228	No	33044	GLOBAL	Cartesian	39.55687	3.65	8.96747	No	39.55687	3.65	8.96747	No	33052	GLOBAL	Cartesian	39.55687	3.65	8.96747	No	39.55687	3.65	8.96747	No
32951	GLOBAL	Cartesian	35.9941	3.65	10.07673	No	35.9941	3.65	10.07673	No	33045	GLOBAL	Cartesian	39.62952	3.65	8.95801	No	39.62952	3.65	8.95801	No	33053	GLOBAL	Cartesian	39.62952	3.65	8.95801	No	39.62952	3.65	8.95801	No
32952	GLOBAL	Cartesian	35.9941	3.65	10.06118	No	35.9941	3.65	10.06118	No	33046	GLOBAL	Cartesian	39.70217	3.65	8.94855	No	39.70217	3.65	8.94855	No	33054	GLOBAL	Cartesian	39.70217	3.65	8.94855	No	39.70217	3.65	8.94855	No
32953	GLOBAL	Cartesian	35.9941	3.65	10.04563	No	35.9941	3.65	10.04563	No	33047	GLOBAL	Cartesian	39.77482	3.65	8.93909	No	39.77482	3.65	8.93909	No	33055	GLOBAL	Cartesian	39.77482	3.65	8.93909	No	39.77482	3.65	8.93909	No
32954	GLOBAL	Cartesian	35.9941	3.65	10.03008	No	35.9941	3.65	10.03008	No	33048	GLOBAL	Cartesian	39.84747	3.65	8.92963	No	39.84747	3.65	8.92963	No	33056	GLOBAL	Cartesian	39.84747	3.65	8.92963	No	39.84747	3.65	8.92963	No
32955	GLOBAL	Cartesian	35.9941	3.65	10.01453	No	35.9941	3.65	10.01453	No	33049	GLOBAL	Cartesian	39.92012	3.65	8.92017	No	39.92012	3.65	8.92017	No	33057	GLOBAL	Cartesian	39.92012	3.65	8.92017	No	39.92012	3.65	8.92017	No
32956	GLOBAL	Cartesian	35.9941	3.65	10.00898	No	35.9941	3.65	10.00898	No	33050	GLOBAL	Cartesian	39.99277	3.65	8.91071	No	39.99277	3.65	8.91071	No	33058	GLOBAL	Cartesian	39.99277	3.65	8.91071	No	39.99277	3.65	8.91071	No
32957	GLOBAL	Cartesian	35.9941	3.65	10.00343	No	35.9941	3.65	10.00343	No	33051	GLOBAL	Cartesian	40.06542	3.65	8.90125	No	40.06542	3.65	8.90125	No	33059	GLOBAL	Cartesian	40.06542	3.65	8.90125	No	40.06542	3.65	8.90125	No
32958	GLOBAL	Cartesian	35.9941	3.65	10.00288	No	35.9941	3.65	10.00288	No	33052	GLOBAL	Cartesian	40.13807	3.65	8.89179	No	40.13807	3.65	8.89179	No	33060	GLOBAL	Cartesian	40.13807	3.65	8.89179	No	40.13807	3.65	8.89179	No
32959	GLOBAL	Cartesian	35.9941	3.65	10.00233	No	35.9941	3.65	10.00233	No	33053	GLOBAL	Cartesian	40.21072	3.65	8.88233	No	40.21072	3.65	8.88233	No	33061	GLOBAL	Cartesian	40.21072	3.65	8.88233	No	40.21072	3.65	8.88233	No
32960	GLOBAL	Cartesian	35.9941	3.65	10.00178	No	35.9941	3.65	10.00178	No	33054	GLOBAL	Cartesian	40.28337	3.65	8.87287	No	40.28337	3.65	8.87287	No	33062	GLOBAL	Cartesian	40.28337	3.65	8.87287	No	40.28337	3.65	8.87287	No
32961	GLOBAL	Cartesian	35.9941	3.65	10.00123	No	35.9941	3.65	10.00123	No	33055	GLOBAL	Cartesian	40.35602	3.65	8.86341	No	40.35602	3.65	8.86341	No	33063	GLOBAL	Cartesian	40.35602	3.65	8.86341	No	40.35602	3.65	8.86341	No
32962	GLOBAL	Cartesian	35.9941	3.65	10.00068	No	35.9941	3.65	10.00068	No	33056	GLOBAL	Cartesian	40.42867	3.65	8.85395	No	40.42867	3.65	8.85395	No	33064	GLOBAL	Cartesian	40.42867	3.65	8.85395	No	40.42867	3.65	8.85395	No
32963	GLOBAL	Cartesian	35.9941	3.65	10.00013	No	35.9941	3.65	10.00013	No	33057	GLOBAL	Cartesian	40.50132	3.65	8.84449	No	40.50132	3.65	8.84449	No	33065	GLOBAL	Cartesian	40.50132	3.65	8.84449	No	40.50132	3.65	8.84449	No
32964	GLOBAL	Cartesian	35.9941	3.65	10.00008	No	35.9941	3.65	10.00008	No	33058	GLOBAL	Cartesian	40.57397	3.65	8.83503	No	40.57397	3.65	8.83503	No	33066	GLOBAL	Cartesian	40.57397	3.65	8.83503	No	40.57397	3.65	8.83503	No
32965	GLOBAL	Cartesian	35.9941	3.65	10.00003	No	35.9941	3.65	10.00003	No	33059	GLOBAL	Cartesian	40.64662	3.65	8.82557	No	40.64662	3.65	8.82557	No	33067	GLOBAL	Cartesian	40.64662	3.65	8.82557	No	40.64662	3.65	8.82557	No
32966	GLOBAL	Cartesian	35.9941	3.65	10.00000	No	35.9941	3.65	10.00000	No	33060	GLOBAL	Cartesian	40.71927	3.65	8.81611	No	40.71927	3.65	8.81611	No	33068	GLOBAL	Cartesian	40.71927	3.65	8.81611	No	40.71927	3.65	8.81611	No

33113	GLOBAL	Cartesian	42.8271	3.65	9.0087	No	42.8271	3.65	9.0987	No	42.8271	3.65	9.0987	No	42.8271	3.65	9.1318	No	45.8998	3.65	9.1318	No	45.8998	3.65	9.1318	No
33114	GLOBAL	Cartesian	42.7753	3.65	8.9942	No	42.7753	3.65	8.9942	No	42.7753	3.65	8.9942	No	42.7753	3.65	9.1078	No	46.1152	3.65	9.1078	No	46.1152	3.65	9.1078	No
33115	GLOBAL	Cartesian	42.0917	3.65	8.9816	No	42.0917	3.65	8.9816	No	42.0917	3.65	8.9816	No	42.0917	3.65	9.0842	No	46.2867	3.65	9.0842	No	46.2867	3.65	9.0842	No
33116	GLOBAL	Cartesian	43.0827	3.65	8.9683	No	43.0827	3.65	8.9683	No	43.0827	3.65	8.9683	No	43.0827	3.65	9.0603	No	46.4062	3.65	9.0603	No	46.4062	3.65	9.0603	No
33117	GLOBAL	Cartesian	43.2624	3.65	8.9564	No	43.2624	3.65	8.9564	No	43.2624	3.65	8.9564	No	43.2624	3.65	9.0518	No	46.5138	3.65	9.0518	No	46.5138	3.65	9.0518	No
33118	GLOBAL	Cartesian	42.8413	3.65	9.1173	No	42.8413	3.65	9.1173	No	42.8413	3.65	9.1173	No	42.8413	3.65	9.0130	No	46.6973	3.65	9.0130	No	46.6973	3.65	9.0130	No
33119	GLOBAL	Cartesian	42.8734	3.65	9.101	No	42.8734	3.65	9.101	No	42.8734	3.65	9.101	No	42.8734	3.65	9.2151	No	46.1384	3.65	9.2151	No	46.1384	3.65	9.2151	No
33120	GLOBAL	Cartesian	42.8334	3.65	9.0847	No	42.8334	3.65	9.0847	No	42.8334	3.65	9.0847	No	42.8334	3.65	9.1884	No	46.2762	3.65	9.1884	No	46.2762	3.65	9.1884	No
33121	GLOBAL	Cartesian	43.0795	3.65	9.0634	No	43.0795	3.65	9.0634	No	43.0795	3.65	9.0634	No	43.0795	3.65	9.1617	No	46.4136	3.65	9.1617	No	46.4136	3.65	9.1617	No
33122	GLOBAL	Cartesian	43.2525	3.65	9.0502	No	43.2525	3.65	9.0502	No	43.2525	3.65	9.0502	No	43.2525	3.65	9.1342	No	46.5504	3.65	9.1342	No	46.5504	3.65	9.1342	No
33123	GLOBAL	Cartesian	43.3715	3.65	9.0396	No	43.3715	3.65	9.0396	No	43.3715	3.65	9.0396	No	43.3715	3.65	9.1087	No	46.6974	3.65	9.1087	No	46.6974	3.65	9.1087	No
33124	GLOBAL	Cartesian	43.4918	3.65	9.0289	No	43.4918	3.65	9.0289	No	43.4918	3.65	9.0289	No	43.4918	3.65	9.2123	No	46.8319	3.65	9.2123	No	46.8319	3.65	9.2123	No
33125	GLOBAL	Cartesian	43.0105	3.65	9.1753	No	43.0105	3.65	9.1753	No	43.0105	3.65	9.1753	No	43.0105	3.65	9.2891	No	46.3087	3.65	9.2891	No	46.3087	3.65	9.2891	No
33126	GLOBAL	Cartesian	43.2282	3.65	9.1555	No	43.2282	3.65	9.1555	No	43.2282	3.65	9.1555	No	43.2282	3.65	9.2933	No	46.4373	3.65	9.2933	No	46.4373	3.65	9.2933	No
33127	GLOBAL	Cartesian	43.3679	3.65	9.1357	No	43.3679	3.65	9.1357	No	43.3679	3.65	9.1357	No	43.3679	3.65	9.2094	No	46.5669	3.65	9.2094	No	46.5669	3.65	9.2094	No
33128	GLOBAL	Cartesian	43.5047	3.65	9.1159	No	43.5047	3.65	9.1159	No	43.5047	3.65	9.1159	No	43.5047	3.65	9.2843	No	46.6945	3.65	9.2843	No	46.6945	3.65	9.2843	No
33129	GLOBAL	Cartesian	43.6047	3.65	9.1254	No	43.6047	3.65	9.1254	No	43.6047	3.65	9.1254	No	43.6047	3.65	9.1786	No	46.8243	3.65	9.1786	No	46.8243	3.65	9.1786	No
33130	GLOBAL	Cartesian	42.9868	3.65	9.2763	No	42.9868	3.65	9.2763	No	42.9868	3.65	9.2763	No	42.9868	3.65	9.4682	No	46.9517	3.65	9.4682	No	46.9517	3.65	9.4682	No
33131	GLOBAL	Cartesian	43.1732	3.65	9.2892	No	43.1732	3.65	9.2892	No	43.1732	3.65	9.2892	No	43.1732	3.65	9.3821	No	46.8733	3.65	9.3821	No	46.8733	3.65	9.3821	No
33132	GLOBAL	Cartesian	43.4876	3.65	9.2658	No	43.4876	3.65	9.2658	No	43.4876	3.65	9.2658	No	43.4876	3.65	9.3499	No	46.5984	3.65	9.3499	No	46.5984	3.65	9.3499	No
33133	GLOBAL	Cartesian	43.3787	3.65	9.2471	No	43.3787	3.65	9.2471	No	43.3787	3.65	9.2471	No	43.3787	3.65	9.3168	No	46.7195	3.65	9.3168	No	46.7195	3.65	9.3168	No
33134	GLOBAL	Cartesian	43.1054	3.65	9.2194	No	43.1054	3.65	9.2194	No	43.1054	3.65	9.2194	No	43.1054	3.65	9.2848	No	46.8406	3.65	9.2848	No	46.8406	3.65	9.2848	No
33135	GLOBAL	Cartesian	43.3565	3.65	9.2103	No	43.3565	3.65	9.2103	No	43.3565	3.65	9.2103	No	43.3565	3.65	9.2123	No	46.8119	3.65	9.2123	No	46.8119	3.65	9.2123	No
33136	GLOBAL	Cartesian	43.1636	3.65	9.4101	No	43.1636	3.65	9.4101	No	43.1636	3.65	9.4101	No	43.1636	3.65	9.4683	No	46.8779	3.65	9.4683	No	46.8779	3.65	9.4683	No
33137	GLOBAL	Cartesian	43.2337	3.65	9.3839	No	43.2337	3.65	9.3839	No	43.2337	3.65	9.3839	No	43.2337	3.65	9.4303	No	46.8478	3.65	9.4303	No	46.8478	3.65	9.4303	No
33138	GLOBAL	Cartesian	43.0047	3.65	9.3564	No	43.0047	3.65	9.3564	No	43.0047	3.65	9.3564	No	43.0047	3.65	9.4601	No	46.7015	3.65	9.4601	No	46.7015	3.65	9.4601	No
33139	GLOBAL	Cartesian	43.5288	3.65	9.3288	No	43.5288	3.65	9.3288	No	43.5288	3.65	9.3288	No	43.5288	3.65	9.3463	No	46.8725	3.65	9.3463	No	46.8725	3.65	9.3463	No
33140	GLOBAL	Cartesian	43.6528	3.65	9.3031	No	43.6528	3.65	9.3031	No	43.6528	3.65	9.3031	No	43.6528	3.65	9.3584	No	46.9948	3.65	9.3584	No	46.9948	3.65	9.3584	No
33141	GLOBAL	Cartesian	43.7669	3.65	9.2763	No	43.7669	3.65	9.2763	No	43.7669	3.65	9.2763	No	43.7669	3.65	9.3264	No	47.0974	3.65	9.3264	No	47.0974	3.65	9.3264	No
33142	GLOBAL	Cartesian	43.3242	3.65	9.5077	No	43.3242	3.65	9.5077	No	43.3242	3.65	9.5077	No	43.3242	3.65	9.2864	No	47.0974	3.65	9.2864	No	47.0974	3.65	9.2864	No
33143	GLOBAL	Cartesian	43.4343	3.65	9.4752	No	43.4343	3.65	9.4752	No	43.4343	3.65	9.4752	No	43.4343	3.65	9.5504	No	46.8174	3.65	9.5504	No	46.8174	3.65	9.5504	No
33144	GLOBAL	Cartesian	43.5648	3.65	9.4473	No	43.5648	3.65	9.4473	No	43.5648	3.65	9.4473	No	43.5648	3.65	9.5137	No	46.9218	3.65	9.5137	No	46.9218	3.65	9.5137	No
33145	GLOBAL	Cartesian	43.8005	3.65	9.4107	No	43.8005	3.65	9.4107	No	43.8005	3.65	9.4107	No	43.8005	3.65	9.4729	No	47.0248	3.65	9.4729	No	47.0248	3.65	9.4729	No
33146	GLOBAL	Cartesian	43.5935	3.65	9.3865	No	43.5935	3.65	9.3865	No	43.5935	3.65	9.3865	No	43.5935	3.65	9.4321	No	47.1259	3.65	9.4321	No	47.1259	3.65	9.4321	No
33147	GLOBAL	Cartesian	43.3787	3.65	9.3639	No	43.3787	3.65	9.3639	No	43.3787	3.65	9.3639	No	43.3787	3.65	9.4232	No	46.8406	3.65	9.4232	No	46.8406	3.65	9.4232	No
33148	GLOBAL	Cartesian	43.5052	3.65	9.6053	No	43.5052	3.65	9.6053	No	43.5052	3.65	9.6053	No	43.5052	3.65	9.3392	No	47.3372	3.65	9.3392	No	47.3372	3.65	9.3392	No
33149	GLOBAL	Cartesian	43.6134	3.65	9.5765	No	43.6134	3.65	9.5765	No	43.6134	3.65	9.5765	No	43.6134	3.65	9.6347	No	47.3372	3.65	9.6347	No	47.3372	3.65	9.6347	No
33150	GLOBAL	Cartesian	43.7188	3.65	9.5376	No	43.7188	3.65	9.5376	No	43.7188	3.65	9.5376	No	43.7188	3.65	9.5921	No	47.0857	3.65	9.5921	No	47.0857	3.65	9.5921	No
33151	GLOBAL	Cartesian	43.8033	3.65	9.5042	No	43.8033	3.65	9.5042	No	43.8033	3.65	9.5042	No	43.8033	3.65	9.5494	No	47.1784	3.65	9.5494	No	47.1784	3.65	9.5494	No
33152	GLOBAL	Cartesian	43.9387	3.65	9.4705	No	43.9387	3.65	9.4705	No	43.9387	3.65	9.4705	No	43.9387	3.65	9.5078	No	47.2743	3.65	9.5078	No	47.2743	3.65	9.5078	No
33153	GLOBAL	Cartesian	44.0462	3.65	9.4368	No	44.0462	3.65	9.4368	No	44.0462	3.65	9.4368	No	44.0462	3.65	9.4652	No	47.3707	3.65	9.4652	No	47.3707	3.65	9.4652	No
33154	GLOBAL	Cartesian	43.6737	3.65	9.7029	No	43.6737	3.65	9.7029	No	43.6737	3.65	9.7029	No	43.6737	3.65	9.4234	No	47.4604	3.65	9.4234	No	47.4604	3.65	9.4234	No
33155	GLOBAL	Cartesian	43.7789	3.65	9.6657	No	43.7789	3.65	9.6657	No	43.7789	3.65	9.6657	No	43.7789	3.65	9.7188	No	47.1516	3.65	9.7188	No	47.1516	3.65	9.7188	No
33156	GLOBAL	Cartesian	43.8789	3.65	9.6281	No	43.8789	3.65	9.6281	No	43.8789	3.65	9.6281	No	43.8789	3.65	9.7249	No	47.2437	3.65	9.7249	No	47.2437	3.65	9.7249	No
33157	GLOBAL	Cartesian	43.9841	3.65	9.5914	No	43.9841	3.65	9.5914	No	43.9841	3.65	9.5914	No	43.9841	3.65	9.7314	No	47.3314	3.65	9.7314	No	47.3314	3.65	9.7314	No
33158	GLOBAL	Cartesian	44.0912	3.65	9.5539	No	44.0912	3.65	9.5539	No	44.0912	3.65	9.5539	No	44.0912	3.65	9.7371	No	47.4284	3.65	9.7371	No	47.4284	3.65	9.7371	No
33159	GLOBAL	Cartesian	44.1823	3.65	9.5178	No	44.1823	3.65	9.5178	No	44.1823	3.65	9.5178	No	44.1823	3.65	9.7371	No	47.5064	3.65	9.7371	No	47.5064	3.65	9.7371	No
33160	GLOBAL	Cartesian	43.8504	3.65	9.8005	No	43.8504	3.65	9.8005	No	43.8504	3.65	9.8005	No	43.8504	3.65	9.4918	No	47.5926	3.65	9.4918	No	47.5926	3.65	9.4918	No
33161	GLOBAL	Cartesian	43.9402	3.65	9.7591	No	43.9402	3.65	9.7591	No	43.9402	3.65	9.7591	No	43.9402	3.65	9.7538	No	47.4049	3.65	9.7538	No	47.4049	3.65	9.7538	No
33162	GLOBAL	Cartesian	44.0373	3.65	9.7192	No	44.0373	3.65	9.7192	No	44.0373	3.65	9.7192	No	44.0373	3.65										

33299	GLOBAL	Cartesian	32.06454	3.65	10.84489	No	32.09454	3.65	10.84489	No	33302	GLOBAL	Cartesian	50.92288	3.65	9.11416	No	50.92288	3.65	9.11416	No
33300	GLOBAL	Cartesian	32.15804	3.65	10.74598	No	32.15804	3.65	10.74598	No	33303	GLOBAL	Cartesian	32.15804	3.65	8.94759	No	50.92288	3.65	8.94759	No
33301	GLOBAL	Cartesian	32.25155	3.65	10.65447	No	32.25155	3.65	10.65447	No	33304	GLOBAL	Cartesian	32.34506	3.65	8.78102	No	50.92288	3.65	8.78102	No
33302	GLOBAL	Cartesian	32.34506	3.65	10.55936	No	32.34506	3.65	10.55936	No	33305	GLOBAL	Cartesian	32.43928	3.65	8.61446	No	50.92288	3.65	8.61446	No
33303	GLOBAL	Cartesian	32.43928	3.65	10.46459	No	32.43928	3.65	10.46459	No	33306	GLOBAL	Cartesian	32.53268	3.65	8.44402	No	50.92288	3.65	8.44402	No
33304	GLOBAL	Cartesian	32.53268	3.65	10.36978	No	32.53268	3.65	10.36978	No	33307	GLOBAL	Cartesian	32.62658	3.65	8.27825	No	50.92288	3.65	8.27825	No
33305	GLOBAL	Cartesian	32.62658	3.65	10.27281	No	32.62658	3.65	10.27281	No	33308	GLOBAL	Cartesian	32.72093	3.65	8.10848	No	50.92288	3.65	8.10848	No
33306	GLOBAL	Cartesian	32.72093	3.65	10.17692	No	32.72093	3.65	10.17692	No	33309	GLOBAL	Cartesian	32.81412	3.65	7.94923	No	50.92288	3.65	7.94923	No
33307	GLOBAL	Cartesian	32.81412	3.65	10.07848	No	32.81412	3.65	10.07848	No	33310	GLOBAL	Cartesian	32.90728	3.65	7.78922	No	50.92288	3.65	7.78922	No
33308	GLOBAL	Cartesian	32.90728	3.65	9.99319	No	32.90728	3.65	9.99319	No	33311	GLOBAL	Cartesian	33.00046	3.65	9.82928	No	50.92288	3.65	9.82928	No
33309	GLOBAL	Cartesian	33.00046	3.65	9.82928	No	33.00046	3.65	9.82928	No	33312	GLOBAL	Cartesian	33.09362	3.65	9.65936	No	50.92288	3.65	9.65936	No
33310	GLOBAL	Cartesian	33.09362	3.65	9.65936	No	33.09362	3.65	9.65936	No	33313	GLOBAL	Cartesian	33.18678	3.65	9.48944	No	50.92288	3.65	9.48944	No
33311	GLOBAL	Cartesian	33.18678	3.65	9.48944	No	33.18678	3.65	9.48944	No	33314	GLOBAL	Cartesian	33.27994	3.65	9.31952	No	50.92288	3.65	9.31952	No
33312	GLOBAL	Cartesian	33.27994	3.65	9.24960	No	33.27994	3.65	9.24960	No	33315	GLOBAL	Cartesian	33.37310	3.65	9.14960	No	50.92288	3.65	9.14960	No
33313	GLOBAL	Cartesian	33.37310	3.65	9.07966	No	33.37310	3.65	9.07966	No	33316	GLOBAL	Cartesian	33.46626	3.65	8.97966	No	50.92288	3.65	8.97966	No
33314	GLOBAL	Cartesian	33.46626	3.65	8.80972	No	33.46626	3.65	8.80972	No	33317	GLOBAL	Cartesian	33.55942	3.65	8.80972	No	50.92288	3.65	8.80972	No
33315	GLOBAL	Cartesian	33.55942	3.65	8.63978	No	33.55942	3.65	8.63978	No	33318	GLOBAL	Cartesian	33.65258	3.65	8.63978	No	50.92288	3.65	8.63978	No
33316	GLOBAL	Cartesian	33.65258	3.65	8.46984	No	33.65258	3.65	8.46984	No	33319	GLOBAL	Cartesian	33.74574	3.65	8.46984	No	50.92288	3.65	8.46984	No
33317	GLOBAL	Cartesian	33.74574	3.65	8.29990	No	33.74574	3.65	8.29990	No	33320	GLOBAL	Cartesian	33.83890	3.65	8.29990	No	50.92288	3.65	8.29990	No
33318	GLOBAL	Cartesian	33.83890	3.65	8.12996	No	33.83890	3.65	8.12996	No	33321	GLOBAL	Cartesian	33.93206	3.65	8.12996	No	50.92288	3.65	8.12996	No
33319	GLOBAL	Cartesian	33.93206	3.65	7.96002	No	33.93206	3.65	7.96002	No	33322	GLOBAL	Cartesian	34.02522	3.65	7.96002	No	50.92288	3.65	7.96002	No
33320	GLOBAL	Cartesian	34.02522	3.65	7.79008	No	34.02522	3.65	7.79008	No	33323	GLOBAL	Cartesian	34.11838	3.65	7.79008	No	50.92288	3.65	7.79008	No
33321	GLOBAL	Cartesian	34.11838	3.65	7.62014	No	34.11838	3.65	7.62014	No	33324	GLOBAL	Cartesian	34.21154	3.65	7.62014	No	50.92288	3.65	7.62014	No
33322	GLOBAL	Cartesian	34.21154	3.65	7.45020	No	34.21154	3.65	7.45020	No	33325	GLOBAL	Cartesian	34.30470	3.65	7.45020	No	50.92288	3.65	7.45020	No
33323	GLOBAL	Cartesian	34.30470	3.65	7.28026	No	34.30470	3.65	7.28026	No	33326	GLOBAL	Cartesian	34.39786	3.65	7.28026	No	50.92288	3.65	7.28026	No
33324	GLOBAL	Cartesian	34.39786	3.65	7.11032	No	34.39786	3.65	7.11032	No	33327	GLOBAL	Cartesian	34.49102	3.65	7.11032	No	50.92288	3.65	7.11032	No
33325	GLOBAL	Cartesian	34.49102	3.65	6.94038	No	34.49102	3.65	6.94038	No	33328	GLOBAL	Cartesian	34.58418	3.65	6.94038	No	50.92288	3.65	6.94038	No
33326	GLOBAL	Cartesian	34.58418	3.65	6.77044	No	34.58418	3.65	6.77044	No	33329	GLOBAL	Cartesian	34.67734	3.65	6.77044	No	50.92288	3.65	6.77044	No
33327	GLOBAL	Cartesian	34.67734	3.65	6.60050	No	34.67734	3.65	6.60050	No	33330	GLOBAL	Cartesian	34.77050	3.65	6.60050	No	50.92288	3.65	6.60050	No
33328	GLOBAL	Cartesian	34.77050	3.65	6.43056	No	34.77050	3.65	6.43056	No	33331	GLOBAL	Cartesian	34.86366	3.65	6.43056	No	50.92288	3.65	6.43056	No
33329	GLOBAL	Cartesian	34.86366	3.65	6.26062	No	34.86366	3.65	6.26062	No	33332	GLOBAL	Cartesian	34.95682	3.65	6.26062	No	50.92288	3.65	6.26062	No
33330	GLOBAL	Cartesian	34.95682	3.65	6.09068	No	34.95682	3.65	6.09068	No	33333	GLOBAL	Cartesian	35.04998	3.65	6.09068	No	50.92288	3.65	6.09068	No
33331	GLOBAL	Cartesian	35.04998	3.65	5.92074	No	35.04998	3.65	5.92074	No	33334	GLOBAL	Cartesian	35.14314	3.65	5.92074	No	50.92288	3.65	5.92074	No
33332	GLOBAL	Cartesian	35.14314	3.65	5.75080	No	35.14314	3.65	5.75080	No	33335	GLOBAL	Cartesian	35.23630	3.65	5.75080	No	50.92288	3.65	5.75080	No
33333	GLOBAL	Cartesian	35.23630	3.65	5.58086	No	35.23630	3.65	5.58086	No	33336	GLOBAL	Cartesian	35.32946	3.65	5.58086	No	50.92288	3.65	5.58086	No
33334	GLOBAL	Cartesian	35.32946	3.65	5.41092	No	35.32946	3.65	5.41092	No	33337	GLOBAL	Cartesian	35.42262	3.65	5.41092	No	50.92288	3.65	5.41092	No
33335	GLOBAL	Cartesian	35.42262	3.65	5.24098	No	35.42262	3.65	5.24098	No	33338	GLOBAL	Cartesian	35.51578	3.65	5.24098	No	50.92288	3.65	5.24098	No
33336	GLOBAL	Cartesian	35.51578	3.65	5.07104	No	35.51578	3.65	5.07104	No	33339	GLOBAL	Cartesian	35.61094	3.65	5.07104	No	50.92288	3.65	5.07104	No
33337	GLOBAL	Cartesian	35.61094	3.65	4.90110	No	35.61094	3.65	4.90110	No	33340	GLOBAL	Cartesian	35.70610	3.65	4.90110	No	50.92288	3.65	4.90110	No
33338	GLOBAL	Cartesian	35.70610	3.65	4.73116	No	35.70610	3.65	4.73116	No	33341	GLOBAL	Cartesian	35.80126	3.65	4.73116	No	50.92288	3.65	4.73116	No
33339	GLOBAL	Cartesian	35.80126	3.65	4.56122	No	35.80126	3.65	4.56122	No	33342	GLOBAL	Cartesian	35.89642	3.65	4.56122	No	50.92288	3.65	4.56122	No
33340	GLOBAL	Cartesian	35.89642	3.65	4.39128	No	35.89642	3.65	4.39128	No	33343	GLOBAL	Cartesian	35.99158	3.65	4.39128	No	50.92288	3.65	4.39128	No
33341	GLOBAL	Cartesian	35.99158	3.65	4.22134	No	35.99158	3.65	4.22134	No	33344	GLOBAL	Cartesian	36.08674	3.65	4.22134	No	50.92288	3.65	4.22134	No
33342	GLOBAL	Cartesian	36.08674	3.65	4.05140	No	36.08674	3.65	4.05140	No	33345	GLOBAL	Cartesian	36.18190	3.65	4.05140	No	50.92288	3.65	4.05140	No
33343	GLOBAL	Cartesian	36.18190	3.65	3.88146	No	36.18190	3.65	3.88146	No	33346	GLOBAL	Cartesian	36.27706	3.65	3.88146	No	50.92288	3.65	3.88146	No
33344	GLOBAL	Cartesian	36.27706	3.65	3.71152	No	36.27706	3.65	3.71152	No	33347	GLOBAL	Cartesian	36.37222	3.65	3.71152	No	50.92288	3.65	3.71152	No
33345	GLOBAL	Cartesian	36.37222	3.65	3.54158	No	36.37222	3.65	3.54158	No	33348	GLOBAL	Cartesian	36.46738	3.65	3.54158	No	50.92288	3.65	3.54158	No
33346	GLOBAL	Cartesian	36.46738	3.65	3.37164	No	36.46738	3.65	3.37164	No	33349	GLOBAL	Cartesian	36.56254	3.65	3.37164	No	50.92288	3.65	3.37164	No
33347	GLOBAL	Cartesian	36.56254	3.65	3.20170	No	36.56254	3.65	3.20170	No	33350	GLOBAL	Cartesian	36.65770	3.65	3.20170	No	50.92288	3.65	3.20170	No
33348	GLOBAL	Cartesian	36.65770	3.65	3.03176	No	36.65770	3.65	3.03176	No	33351	GLOBAL	Cartesian	36.75286	3.65	3.03176	No	50.92288	3.65	3.03176	No
33349	GLOBAL	Cartesian	36.75286	3.65	2.86182	No	36.75286	3.65	2.86182	No	33352	GLOBAL	Cartesian	36.84802	3.65	2.86182	No	50.92288	3.65	2.86182	No
33350	GLOBAL	Cartesian	36.84802	3.65	2.69188	No	36.84802	3.65	2.69188	No	33353	GLOBAL	Cartesian	36.94318	3.65	2.69188	No	50.92288	3.65	2.69188	No
33351	GLOBAL	Cartesian	36.94318	3.65	2.52194	No	36.94318	3.65	2.52194	No	33354	GLOBAL	Cartesian	37.03834	3.65	2.52194	No	50.92288	3.65	2.52194	No
33352	GLOBAL	Cartesian	37.03834	3.65	2.35200	No	37.03834	3.65	2.35200	No	33355	GLOBAL	Cartesian	37.13350	3.65	2.35200	No	50.92288	3.65	2.35200	No
33353	GLOBAL	Cartesian	37.13350	3.65	2.18206	No	37.13350	3.65	2.18206	No	33356	GLOBAL	Cartesian	37.22866	3.65	2.18206	No	50.92288	3.65	2.18206	No
33354	GLOBAL	Cartesian	37.22866	3.65	2.01212	No	37.22866	3.65	2.01212	No	33357	GLOBAL	Cartesian	37.32382	3.65	2.01212	No	50.92288	3.65	2.01212	No
33355	GLOBAL	Cartesian	37.32382	3.65	1.84218	No	37.32382	3.65	1.84218	No	33358	GLOBAL	Cartesian	37.41898	3.65	1.84218	No	50.92288	3.65	1.84218	No
33356	GLOBAL	Cartesian	37.41898	3.65	1.67224	No	37.41898	3.65	1.67224	No	33359	GLOBAL	Cartesian	37.51414	3.65	1.67224	No	50.92288	3.65	1.67224	No
33357	GLOBAL	Cartesian	37.51414	3.65	1.50230	No	37.51414	3.65	1.50230	No	33360	GLOBAL	Cartesian	37.60930	3.65	1.50230	No	50.92288	3.65	1.50230	No
33358	GLOBAL	Cartesian	37.60930	3.65	1.33236	No	37.60930	3.65	1.33236	No	33361	GLOBAL	Cartesian	37.70446	3.65	1.33236	No	50.92288	3.65		

33485	GLOBAL	Cartesian	48.8078	3.65	8.1816	No	48.8078	3.65	8.1816	No	33578	GLOBAL	Cartesian	49.2928	3.65	7.9712	No	49.2928	3.65	7.9712	No
33486	GLOBAL	Cartesian	49.0478	3.65	8.17218	No	49.0478	3.65	8.17218	No	33579	GLOBAL	Cartesian	49.0178	3.65	7.9814	No	49.0178	3.65	7.9814	No
33487	GLOBAL	Cartesian	49.2518	3.65	8.16267	No	49.2518	3.65	8.16267	No	33580	GLOBAL	Cartesian	49.7978	3.65	7.96149	No	49.7978	3.65	7.96149	No
33488	GLOBAL	Cartesian	49.4228	3.65	8.15319	No	49.4228	3.65	8.15319	No	33581	GLOBAL	Cartesian	49.8518	3.65	7.94157	No	49.8518	3.65	7.94157	No
33489	GLOBAL	Cartesian	49.61018	3.65	8.1437	No	49.61018	3.65	8.1437	No	33582	GLOBAL	Cartesian	50.1728	3.65	7.93166	No	50.1728	3.65	7.93166	No
33490	GLOBAL	Cartesian	49.7978	3.65	8.13421	No	49.7978	3.65	8.13421	No	33583	GLOBAL	Cartesian	50.36018	3.65	7.92174	No	50.36018	3.65	7.92174	No
33491	GLOBAL	Cartesian	49.98518	3.65	8.12473	No	49.98518	3.65	8.12473	No	33584	GLOBAL	Cartesian	50.54788	3.65	7.91183	No	50.54788	3.65	7.91183	No
33492	GLOBAL	Cartesian	50.1728	3.65	8.11524	No	50.1728	3.65	8.11524	No	33585	GLOBAL	Cartesian	50.73518	3.65	7.90192	No	50.73518	3.65	7.90192	No
33493	GLOBAL	Cartesian	50.36018	3.65	8.10575	No	50.36018	3.65	8.10575	No	33586	GLOBAL	Cartesian	48.11719	3.65	7.88178	No	48.11719	3.65	7.88178	No
33494	GLOBAL	Cartesian	50.54788	3.65	8.09627	No	50.54788	3.65	8.09627	No	33587	GLOBAL	Cartesian	48.29818	3.65	7.86142	No	48.29818	3.65	7.86142	No
33495	GLOBAL	Cartesian	50.73518	3.65	8.08678	No	50.73518	3.65	8.08678	No	33588	GLOBAL	Cartesian	48.48657	3.65	7.84107	No	48.48657	3.65	7.84107	No
33496	GLOBAL	Cartesian	48.8518	3.65	8.07729	No	48.8518	3.65	8.07729	No	33589	GLOBAL	Cartesian	48.67496	3.65	7.82073	No	48.67496	3.65	7.82073	No
33497	GLOBAL	Cartesian	48.2978	3.65	8.06781	No	48.2978	3.65	8.06781	No	33590	GLOBAL	Cartesian	48.86336	3.65	7.8004	No	48.86336	3.65	7.8004	No
33498	GLOBAL	Cartesian	48.48518	3.65	8.05832	No	48.48518	3.65	8.05832	No	33591	GLOBAL	Cartesian	49.05175	3.65	7.78006	No	49.05175	3.65	7.78006	No
33499	GLOBAL	Cartesian	48.6728	3.65	8.04883	No	48.6728	3.65	8.04883	No	33592	GLOBAL	Cartesian	49.24014	3.65	7.75972	No	49.24014	3.65	7.75972	No
33500	GLOBAL	Cartesian	48.86018	3.65	8.03934	No	48.86018	3.65	8.03934	No	33593	GLOBAL	Cartesian	49.42854	3.65	7.73936	No	49.42854	3.65	7.73936	No
33501	GLOBAL	Cartesian	49.0478	3.65	8.02985	No	49.0478	3.65	8.02985	No	33594	GLOBAL	Cartesian	49.61693	3.65	7.71902	No	49.61693	3.65	7.71902	No
33502	GLOBAL	Cartesian	49.23518	3.65	8.02036	No	49.23518	3.65	8.02036	No	33595	GLOBAL	Cartesian	49.80532	3.65	7.69867	No	49.80532	3.65	7.69867	No
33503	GLOBAL	Cartesian	49.4228	3.65	8.01087	No	49.4228	3.65	8.01087	No	33596	GLOBAL	Cartesian	49.99372	3.65	7.67833	No	49.99372	3.65	7.67833	No
33504	GLOBAL	Cartesian	49.61018	3.65	8.00138	No	49.61018	3.65	8.00138	No	33597	GLOBAL	Cartesian	50.18211	3.65	7.65799	No	50.18211	3.65	7.65799	No
33505	GLOBAL	Cartesian	49.7978	3.65	7.99189	No	49.7978	3.65	7.99189	No	33598	GLOBAL	Cartesian	50.3705	3.65	7.63764	No	50.3705	3.65	7.63764	No
33506	GLOBAL	Cartesian	49.98518	3.65	7.98240	No	49.98518	3.65	7.98240	No	33599	GLOBAL	Cartesian	50.55889	3.65	7.61729	No	50.55889	3.65	7.61729	No
33507	GLOBAL	Cartesian	50.1728	3.65	7.97291	No	50.1728	3.65	7.97291	No	33600	GLOBAL	Cartesian	50.74728	3.65	7.59695	No	50.74728	3.65	7.59695	No
33508	GLOBAL	Cartesian	50.36018	3.65	7.96342	No	50.36018	3.65	7.96342	No	33601	GLOBAL	Cartesian	50.93568	3.65	7.57660	No	50.93568	3.65	7.57660	No
33509	GLOBAL	Cartesian	50.54788	3.65	7.95393	No	50.54788	3.65	7.95393	No	33602	GLOBAL	Cartesian	51.12407	3.65	7.55625	No	51.12407	3.65	7.55625	No
33510	GLOBAL	Cartesian	50.73518	3.65	7.94444	No	50.73518	3.65	7.94444	No	33603	GLOBAL	Cartesian	51.31246	3.65	7.53590	No	51.31246	3.65	7.53590	No
33511	GLOBAL	Cartesian	48.11018	3.65	7.93495	No	48.11018	3.65	7.93495	No	33604	GLOBAL	Cartesian	51.50085	3.65	7.51555	No	51.50085	3.65	7.51555	No
33512	GLOBAL	Cartesian	48.2978	3.65	7.92546	No	48.2978	3.65	7.92546	No	33605	GLOBAL	Cartesian	51.68924	3.65	7.49520	No	51.68924	3.65	7.49520	No
33513	GLOBAL	Cartesian	48.48518	3.65	7.91597	No	48.48518	3.65	7.91597	No	33606	GLOBAL	Cartesian	51.87763	3.65	7.47485	No	51.87763	3.65	7.47485	No
33514	GLOBAL	Cartesian	48.6728	3.65	7.90648	No	48.6728	3.65	7.90648	No	33607	GLOBAL	Cartesian	52.06602	3.65	7.45450	No	52.06602	3.65	7.45450	No
33515	GLOBAL	Cartesian	48.86018	3.65	7.89699	No	48.86018	3.65	7.89699	No	33608	GLOBAL	Cartesian	52.25441	3.65	7.43415	No	52.25441	3.65	7.43415	No
33516	GLOBAL	Cartesian	49.0478	3.65	7.88750	No	49.0478	3.65	7.88750	No	33609	GLOBAL	Cartesian	52.44280	3.65	7.41380	No	52.44280	3.65	7.41380	No
33517	GLOBAL	Cartesian	49.23518	3.65	7.87801	No	49.23518	3.65	7.87801	No	33610	GLOBAL	Cartesian	52.63119	3.65	7.39345	No	52.63119	3.65	7.39345	No
33518	GLOBAL	Cartesian	49.4228	3.65	7.86852	No	49.4228	3.65	7.86852	No	33611	GLOBAL	Cartesian	52.81958	3.65	7.37310	No	52.81958	3.65	7.37310	No
33519	GLOBAL	Cartesian	49.61018	3.65	7.85903	No	49.61018	3.65	7.85903	No	33612	GLOBAL	Cartesian	53.00797	3.65	7.35275	No	53.00797	3.65	7.35275	No
33520	GLOBAL	Cartesian	49.7978	3.65	7.84954	No	49.7978	3.65	7.84954	No	33613	GLOBAL	Cartesian	53.19636	3.65	7.33240	No	53.19636	3.65	7.33240	No
33521	GLOBAL	Cartesian	49.98518	3.65	7.84005	No	49.98518	3.65	7.84005	No	33614	GLOBAL	Cartesian	53.38475	3.65	7.31205	No	53.38475	3.65	7.31205	No
33522	GLOBAL	Cartesian	50.1728	3.65	7.83056	No	50.1728	3.65	7.83056	No	33615	GLOBAL	Cartesian	53.57314	3.65	7.29170	No	53.57314	3.65	7.29170	No
33523	GLOBAL	Cartesian	50.36018	3.65	7.82107	No	50.36018	3.65	7.82107	No	33616	GLOBAL	Cartesian	53.76153	3.65	7.27135	No	53.76153	3.65	7.27135	No
33524	GLOBAL	Cartesian	50.54788	3.65	7.81158	No	50.54788	3.65	7.81158	No	33617	GLOBAL	Cartesian	53.94992	3.65	7.25100	No	53.94992	3.65	7.25100	No
33525	GLOBAL	Cartesian	50.73518	3.65	7.80209	No	50.73518	3.65	7.80209	No	33618	GLOBAL	Cartesian	54.13831	3.65	7.23065	No	54.13831	3.65	7.23065	No
33526	GLOBAL	Cartesian	48.11018	3.65	7.79260	No	48.11018	3.65	7.79260	No	33619	GLOBAL	Cartesian	54.32670	3.65	7.21030	No	54.32670	3.65	7.21030	No
33527	GLOBAL	Cartesian	48.2978	3.65	7.78311	No	48.2978	3.65	7.78311	No	33620	GLOBAL	Cartesian	54.51509	3.65	7.18995	No	54.51509	3.65	7.18995	No
33528	GLOBAL	Cartesian	48.48518	3.65	7.77362	No	48.48518	3.65	7.77362	No	33621	GLOBAL	Cartesian	54.70348	3.65	7.16960	No	54.70348	3.65	7.16960	No
33529	GLOBAL	Cartesian	48.6728	3.65	7.76413	No	48.6728	3.65	7.76413	No	33622	GLOBAL	Cartesian	54.89187	3.65	7.14925	No	54.89187	3.65	7.14925	No
33530	GLOBAL	Cartesian	48.86018	3.65	7.75464	No	48.86018	3.65	7.75464	No	33623	GLOBAL	Cartesian	55.08026	3.65	7.12890	No	55.08026	3.65	7.12890	No
33531	GLOBAL	Cartesian	49.0478	3.65	7.74515	No	49.0478	3.65	7.74515	No	33624	GLOBAL	Cartesian	55.26865	3.65	7.10855	No	55.26865	3.65	7.10855	No
33532	GLOBAL	Cartesian	49.23518	3.65	7.73566	No	49.23518	3.65	7.73566	No	33625	GLOBAL	Cartesian	55.45704	3.65	7.08820	No	55.45704	3.65	7.08820	No
33533	GLOBAL	Cartesian	49.4228	3.65	7.72617	No	49.4228	3.65	7.72617	No	33626	GLOBAL	Cartesian	55.64543	3.65	7.06785	No	55.64543	3.65	7.06785	No
33534	GLOBAL	Cartesian	49.61018	3.65	7.71668	No	49.61018	3.65	7.71668	No	33627	GLOBAL	Cartesian	55.83382	3.65	7.04750	No	55.83382	3.65	7.04750	No
33535	GLOBAL	Cartesian	49.7978	3.65	7.70719	No	49.7978	3.65	7.70719	No	33628	GLOBAL	Cartesian	56.02221	3.65	7.02715	No	56.02221	3.65	7.02715	No
33536	GLOBAL	Cartesian	49.98518	3.65	7.69770	No	49.98518	3.65	7.69770	No	33629	GLOBAL	Cartesian	56.21060	3.65	7.00680	No	56.21060	3.65	7.00680	No
33537	GLOBAL	Cartesian	50.1728	3.65	7.68821	No	50.1728	3.65	7.68821	No	33630	GLOBAL	Cartesian	56.39899	3.65	6.98645	No	56.39899	3.65	6.98645	No
33538	GLOBAL	Cartesian	50.36018	3.65	7.67872	No	50.36018	3.65	7.67872	No	33631	GLOBAL	Cartesian	56.58738	3.65	6.96610	No	56.58738	3.65	6.96610	No
33539	GLOBAL	Cartesian	50.54788	3.65	7.66923	No	50.54788	3.65	7.66923	No	33632	GLOBAL	Cartesian	56.77577	3.65	6.94575	No	56.77577	3.65	6.94575	No
33540	GLOBAL	Cartesian	50.73518	3.65	7.65974	No	50.73518	3.65	7.65974	No	33633	GLOBAL	Cartesian	56.96416	3.65	6.92540	No	56.96416	3.65	6.92540	No
33541	GLOBAL	Cartesian	48.2978	3.65	7.65025	No	48.2978	3.65	7.65025	No	33634	GLOBAL	Cartesian	57.15255	3.65	6.90505	No	57.15255	3.65	6.90505	No
33542	GLOBAL	Cartesian	48.48518	3.65	7.64076	No	48.48518	3.65	7.64076	No	33635	GLOBAL	Cartesian	57.34094	3.65	6.88470	No	57.34094	3.65	6.88470	No
33543	GLOBAL	Cartesian	48.6728	3.65	7.63127	No	48.6728	3.65	7.63127	No	33636	GLOBAL	Cartesian	57.52933	3.65	6.86435	No	57.52933	3.65	6.86435	No
33544	GLOBAL	Cartesian	48.86018	3.65	7.62178	No	48.86018	3.65	7.62178	No	33637	GLOBAL	Cartesian	57.71772	3.65	6.84400	No	57.71772	3.65	6.84400	No
33545	GLOBAL	Cartesian	49.0478	3.65	7.61229	No	49.0478														

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33857	GLOBAL	Cartesian	50.17288	3.65	9.40581	No	50.17288	3.65	9.40581	No	34.79411	3.65	11.23825	No	34.79411	3.65	11.23825	No
33858	GLOBAL	Cartesian	50.30018	3.65	9.44559	No	50.30018	3.65	9.44559	No	34.67982	3.75	11.21995	No	34.67982	3.75	11.21995	No
33859	GLOBAL	Cartesian	50.38018	3.65	9.38842	No	50.38018	3.65	9.38842	No	34.67982	3.65	11.21995	No	34.67982	3.65	11.21995	No
33860	GLOBAL	Cartesian	50.54788	3.65	9.42765	No	50.54788	3.65	9.42765	No	35.16554	3.75	11.20164	No	35.16554	3.75	11.20164	No
33861	GLOBAL	Cartesian	50.54788	3.65	9.37103	No	50.54788	3.65	9.37103	No	35.16554	3.65	11.20164	No	35.16554	3.65	11.20164	No
33862	GLOBAL	Cartesian	50.73518	3.65	9.40971	No	50.73518	3.65	9.40971	No	35.35125	3.75	11.18333	No	35.35125	3.75	11.18333	No
33863	GLOBAL	Cartesian	50.73518	3.65	9.35364	No	50.73518	3.65	9.35364	No	35.35125	3.65	11.18333	No	35.35125	3.65	11.18333	No
33864	GLOBAL	Cartesian	50.92268	3.65	9.39177	No	50.92268	3.65	9.39177	No	35.55966	3.75	11.16502	No	35.55966	3.75	11.16502	No
33865	GLOBAL	Cartesian	50.92268	3.65	9.33625	No	50.92268	3.65	9.33625	No	35.55966	3.65	11.16502	No	35.55966	3.65	11.16502	No
33866	GLOBAL	Cartesian	51.11018	3.65	9.37394	No	51.11018	3.65	9.37394	No	35.62682	3.75	11.15597	No	35.62682	3.75	11.15597	No
33867	GLOBAL	Cartesian	51.11018	3.65	9.31866	No	51.11018	3.65	9.31866	No	35.62682	3.65	11.15597	No	35.62682	3.65	11.15597	No
33868	GLOBAL	Cartesian	51.29768	3.65	9.30147	No	51.29768	3.65	9.30147	No	35.72388	3.75	11.14671	No	35.72388	3.75	11.14671	No
33869	GLOBAL	Cartesian	51.48518	3.65	9.33786	No	51.48518	3.65	9.33786	No	35.72388	3.65	11.14671	No	35.72388	3.65	11.14671	No
33870	GLOBAL	Cartesian	51.48518	3.65	9.28408	No	51.48518	3.65	9.28408	No	35.82288	3.75	11.13855	No	35.82288	3.75	11.13855	No
33871	GLOBAL	Cartesian	51.67268	3.65	9.32003	No	51.67268	3.65	9.32003	No	35.82288	3.65	11.13855	No	35.82288	3.65	11.13855	No
33872	GLOBAL	Cartesian	51.67268	3.65	9.26669	No	51.67268	3.65	9.26669	No	35.92288	3.75	11.127	No	35.92288	3.75	11.127	No
33873	GLOBAL	Cartesian	51.86018	3.65	9.26669	No	51.86018	3.65	9.26669	No	35.92288	3.65	11.127	No	35.92288	3.65	11.127	No
33874	GLOBAL	Cartesian	51.86018	3.65	9.30209	No	51.86018	3.65	9.30209	No	36.02288	3.75	11.11714	No	36.02288	3.75	11.11714	No
33875	GLOBAL	Cartesian	51.86018	3.65	9.2483	No	51.86018	3.65	9.2483	No	36.02288	3.65	11.11714	No	36.02288	3.65	11.11714	No
33876	GLOBAL	Cartesian	52.04768	3.65	9.28415	No	52.04768	3.65	9.28415	No	36.12268	3.75	11.10728	No	36.12268	3.75	11.10728	No
33877	GLOBAL	Cartesian	52.04768	3.65	9.23191	No	52.04768	3.65	9.23191	No	36.12268	3.65	11.10728	No	36.12268	3.65	11.10728	No
33878	GLOBAL	Cartesian	52.25318	3.65	9.26622	No	52.25318	3.65	9.26622	No	36.30539	3.75	11.08891	No	36.30539	3.75	11.08891	No
33879	GLOBAL	Cartesian	52.25318	3.65	9.23216	No	52.25318	3.65	9.23216	No	36.30539	3.65	11.08891	No	36.30539	3.65	11.08891	No
33880	GLOBAL	Cartesian	52.42268	3.65	9.24828	No	52.42268	3.65	9.24828	No	36.44411	3.75	11.07066	No	36.44411	3.75	11.07066	No
33881	GLOBAL	Cartesian	52.42268	3.65	9.19713	No	52.42268	3.65	9.19713	No	36.44411	3.65	11.07066	No	36.44411	3.65	11.07066	No
33882	GLOBAL	Cartesian	52.61018	3.65	9.23034	No	52.61018	3.65	9.23034	No	36.67982	3.75	11.05236	No	36.67982	3.75	11.05236	No
33883	GLOBAL	Cartesian	52.61018	3.65	9.17975	No	52.61018	3.65	9.17975	No	36.67982	3.65	11.05236	No	36.67982	3.65	11.05236	No
33884	GLOBAL	Cartesian	52.79768	3.65	9.2124	No	52.79768	3.65	9.2124	No	36.86554	3.75	11.03405	No	36.86554	3.75	11.03405	No
33885	GLOBAL	Cartesian	52.79768	3.65	9.16236	No	52.79768	3.65	9.16236	No	36.86554	3.65	11.03405	No	36.86554	3.65	11.03405	No
33886	GLOBAL	Cartesian	52.85518	3.65	9.19447	No	52.85518	3.65	9.19447	No	37.05125	3.75	11.01574	No	37.05125	3.75	11.01574	No
33887	GLOBAL	Cartesian	52.85518	3.65	9.14497	No	52.85518	3.65	9.14497	No	37.05125	3.65	11.01574	No	37.05125	3.65	11.01574	No
33888	GLOBAL	Cartesian	53.17268	3.65	9.17653	No	53.17268	3.65	9.17653	No	37.23686	3.75	10.99743	No	37.23686	3.75	10.99743	No
33889	GLOBAL	Cartesian	53.17268	3.65	9.12268	No	53.17268	3.65	9.12268	No	37.23686	3.65	10.99743	No	37.23686	3.65	10.99743	No
33890	GLOBAL	Cartesian	53.36018	3.65	9.15259	No	53.36018	3.65	9.15259	No	37.42268	3.75	10.9717	No	37.42268	3.75	10.9717	No
33891	GLOBAL	Cartesian	53.36018	3.65	9.10268	No	53.36018	3.65	9.10268	No	37.42268	3.65	10.9717	No	37.42268	3.65	10.9717	No
33892	GLOBAL	Cartesian	53.54768	3.65	9.14068	No	53.54768	3.65	9.14068	No	37.60839	3.75	10.94632	No	37.60839	3.75	10.94632	No
33893	GLOBAL	Cartesian	53.54768	3.65	9.0928	No	53.54768	3.65	9.0928	No	37.60839	3.65	10.94632	No	37.60839	3.65	10.94632	No
33894	GLOBAL	Cartesian	53.73518	3.65	9.12272	No	53.73518	3.65	9.12272	No	37.79411	3.75	10.94251	No	37.79411	3.75	10.94251	No
33895	GLOBAL	Cartesian	53.73518	3.65	9.07541	No	53.73518	3.65	9.07541	No	37.79411	3.65	10.94251	No	37.79411	3.65	10.94251	No
33896	GLOBAL	Cartesian	53.92268	3.65	9.10478	No	53.92268	3.65	9.10478	No	37.97982	3.75	10.9242	No	37.97982	3.75	10.9242	No
33897	GLOBAL	Cartesian	53.92268	3.65	9.05802	No	53.92268	3.65	9.05802	No	37.97982	3.65	10.9242	No	37.97982	3.65	10.9242	No
33898	GLOBAL	Cartesian	44.43937	3.65	10.18647	No	44.43937	3.65	10.18647	No	38.16554	3.75	10.90589	No	38.16554	3.75	10.90589	No
33899	GLOBAL	Cartesian	44.45741	3.65	10.08465	No	44.45741	3.65	10.08465	No	38.16554	3.65	10.90589	No	38.16554	3.65	10.90589	No
33900	GLOBAL	Cartesian	44.45741	3.65	10.28655	No	44.45741	3.65	10.28655	No	38.35125	3.75	10.88758	No	38.35125	3.75	10.88758	No
33901	GLOBAL	Cartesian	44.45741	3.65	10.28655	No	44.45741	3.65	10.28655	No	38.35125	3.65	10.88758	No	38.35125	3.65	10.88758	No
33902	GLOBAL	Cartesian	44.45741	3.65	11.24689	No	44.45741	3.65	11.24689	No	38.53725	3.75	10.86925	No	38.53725	3.75	10.86925	No
33903	GLOBAL	Cartesian	44.45741	3.65	11.24689	No	44.45741	3.65	11.24689	No	38.53725	3.65	10.86925	No	38.53725	3.65	10.86925	No
33904	GLOBAL	Cartesian	32.67625	3.65	11.34655	No	32.67625	3.65	11.34655	No	38.53966	3.75	10.85967	No	38.53966	3.75	10.85967	No
33905	GLOBAL	Cartesian	32.67625	3.65	11.44704	No	32.67625	3.65	11.44704	No	38.62982	3.75	10.86012	No	38.62982	3.75	10.86012	No
33906	GLOBAL	Cartesian	31.60839	3.75	11.55231	No	31.60839	3.75	11.55231	No	38.62982	3.65	10.86012	No	38.62982	3.65	10.86012	No
33907	GLOBAL	Cartesian	31.42268	3.85	11.57062	No	31.42268	3.75	11.57062	No	38.72268	3.75	10.85097	No	38.72268	3.75	10.85097	No
33908	GLOBAL	Cartesian	31.60839	3.85	11.55231	No	31.60839	3.75	11.55231	No	38.72268	3.65	10.85097	No	38.72268	3.65	10.85097	No
33909	GLOBAL	Cartesian	31.42268	3.85	11.57062	No	31.42268	3.75	11.57062	No	38.82268	3.75	10.84111	No	38.82268	3.75	10.84111	No
33910	GLOBAL	Cartesian	31.79411	3.75	11.534	No	31.79411	3.75	11.534	No	38.82268	3.65	10.84111	No	38.82268	3.65	10.84111	No
33911	GLOBAL	Cartesian	31.79411	3.85	11.534	No	31.79411	3.75	11.534	No	38.92268	3.75	10.83125	No	38.92268	3.75	10.83125	No
33912	GLOBAL	Cartesian	31.97682	3.75	11.51969	No	31.97682	3.75	11.51969	No	38.92268	3.65	10.83125	No	38.92268	3.65	10.83125	No
33913	GLOBAL	Cartesian	31.97682	3.85	11.51969	No	31.97682	3.75	11.51969	No	39.02268	3.75	10.82134	No	39.02268	3.75	10.82134	No
33914	GLOBAL	Cartesian	32.16554	3.85	11.49728	No	32.16554	3.75	11.49728	No	39.12277	3.75	10.81143	No	39.12277	3.75	10.81143	No
33915	GLOBAL	Cartesian	32.35125	3.75	11.47908	No	32.35125	3.75	11.47908	No	39.12277	3.65	10.81143	No	39.12277	3.65	10.81143	No
33916	GLOBAL	Cartesian	32.35125	3.85	11.47908	No	32.35125	3.75	11.47908	No	39.23686	3.75	10.79313	No	39.23686	3.75	10.79313	No
33917	GLOBAL	Cartesian	32.53686	3.75	11.46077	No	32.53686	3.75	11.46077	No	39.30639	3.65	10.79313	No	39.30639	3.65	10.79313	No
33918	GLOBAL	Cartesian	32.53686	3.85	11.46077	No	32.53686	3.75	11.46077	No	39.40639	3.75	10.77483	No	39.40639	3.75	10.77483	No
33919	GLOBAL	Cartesian	32.62982	3.75	11.45161	No	32.62982	3.75	11.45161	No	39.49639	3.65	10.77483	No	39.49639	3.65	10.77483	No
33920	GLOBAL	Cartesian	32.62982	3.85	11.45161	No	32.62982	3.75	11.45161	No	39.59639	3.75	10.75653	No	39.59639	3.75	10.75653	No
33921	GLOBAL	Cartesian	32.67625	3.75	11.44704	No	32.67625	3.75	11.44704	No	39.69639	3.65	10.75653	No	39.69639	3.65	10.75653	No
33922	GLOBAL	Cartesian	32.67625	3.85	11.44704	No	32.67625	3.75	11.44704	No	39.69639	3.75	10.75653	No	39.69639	3.75	10.75653	No
33923	GLOBAL	Cartesian	32.72686	3.75	11.42426													

34229	GLOBAL	Cartesian	35.35175	3.55	11.18333	No	35.35175	3.55	11.18333	No	34322	GLOBAL	Cartesian	42.49437	3.45	10.47915	No	42.49437	3.45	10.47915	No
34230	GLOBAL	Cartesian	35.35175	3.45	11.18333	No	35.35175	3.45	11.18333	No	34323	GLOBAL	Cartesian	42.49437	3.45	10.47915	No	42.49437	3.45	10.47915	No
34231	GLOBAL	Cartesian	35.35175	3.55	11.16502	No	35.35175	3.55	11.16502	No	34324	GLOBAL	Cartesian	42.49437	3.55	10.46984	No	42.49437	3.55	10.46984	No
34232	GLOBAL	Cartesian	35.35266	3.45	11.16502	No	35.35266	3.45	11.16502	No	34325	GLOBAL	Cartesian	42.49437	3.45	10.46984	No	42.49437	3.45	10.46984	No
34233	GLOBAL	Cartesian	35.62982	3.55	11.15587	No	35.62982	3.55	11.15587	No	34326	GLOBAL	Cartesian	42.49437	3.55	10.44254	No	42.49437	3.55	10.44254	No
34234	GLOBAL	Cartesian	35.62982	3.45	11.15587	No	35.62982	3.45	11.15587	No	34327	GLOBAL	Cartesian	42.49437	3.45	10.44254	No	42.49437	3.45	10.44254	No
34235	GLOBAL	Cartesian	35.72268	3.55	11.14671	No	35.72268	3.55	11.14671	No	34328	GLOBAL	Cartesian	42.49437	3.55	10.42423	No	42.49437	3.55	10.42423	No
34236	GLOBAL	Cartesian	35.72268	3.45	11.14671	No	35.72268	3.45	11.14671	No	34329	GLOBAL	Cartesian	42.49437	3.45	10.42423	No	42.49437	3.45	10.42423	No
34237	GLOBAL	Cartesian	35.82268	3.55	11.13685	No	35.82268	3.55	11.13685	No	34330	GLOBAL	Cartesian	42.49437	3.55	10.40593	No	42.49437	3.55	10.40593	No
34238	GLOBAL	Cartesian	35.82268	3.45	11.13685	No	35.82268	3.45	11.13685	No	34331	GLOBAL	Cartesian	42.49437	3.45	10.38762	No	42.49437	3.45	10.38762	No
34239	GLOBAL	Cartesian	35.92268	3.55	11.127	No	35.92268	3.55	11.127	No	34332	GLOBAL	Cartesian	42.49437	3.55	10.38762	No	42.49437	3.55	10.38762	No
34240	GLOBAL	Cartesian	35.92268	3.45	11.127	No	35.92268	3.45	11.127	No	34333	GLOBAL	Cartesian	42.49437	3.45	10.36932	No	42.49437	3.45	10.36932	No
34241	GLOBAL	Cartesian	36.02268	3.55	11.11714	No	36.02268	3.55	11.11714	No	34334	GLOBAL	Cartesian	42.49437	3.55	10.35102	No	42.49437	3.55	10.35102	No
34242	GLOBAL	Cartesian	36.02268	3.45	11.11714	No	36.02268	3.45	11.11714	No	34335	GLOBAL	Cartesian	42.49437	3.45	10.35102	No	42.49437	3.45	10.35102	No
34243	GLOBAL	Cartesian	36.12268	3.55	11.10728	No	36.12268	3.55	11.10728	No	34336	GLOBAL	Cartesian	42.49437	3.55	10.33271	No	42.49437	3.55	10.33271	No
34244	GLOBAL	Cartesian	36.12268	3.45	11.10728	No	36.12268	3.45	11.10728	No	34337	GLOBAL	Cartesian	42.49437	3.45	10.33271	No	42.49437	3.45	10.33271	No
34245	GLOBAL	Cartesian	36.30839	3.55	11.08897	No	36.30839	3.55	11.08897	No	34338	GLOBAL	Cartesian	42.49437	3.55	10.31441	No	42.49437	3.55	10.31441	No
34246	GLOBAL	Cartesian	36.30839	3.45	11.08897	No	36.30839	3.45	11.08897	No	34339	GLOBAL	Cartesian	42.49437	3.45	10.31441	No	42.49437	3.45	10.31441	No
34247	GLOBAL	Cartesian	36.49411	3.55	11.07066	No	36.49411	3.55	11.07066	No	34340	GLOBAL	Cartesian	42.49437	3.55	10.31441	No	42.49437	3.55	10.31441	No
34248	GLOBAL	Cartesian	36.49411	3.45	11.07066	No	36.49411	3.45	11.07066	No	34341	GLOBAL	Cartesian	42.49437	3.45	10.2961	No	42.49437	3.45	10.2961	No
34249	GLOBAL	Cartesian	36.67982	3.55	11.05236	No	36.67982	3.55	11.05236	No	34342	GLOBAL	Cartesian	42.49437	3.55	10.2869	No	42.49437	3.55	10.2869	No
34250	GLOBAL	Cartesian	36.67982	3.45	11.05236	No	36.67982	3.45	11.05236	No	34343	GLOBAL	Cartesian	42.49437	3.45	10.26859	No	42.49437	3.45	10.26859	No
34251	GLOBAL	Cartesian	36.8554	3.55	11.03405	No	36.8554	3.55	11.03405	No	34344	GLOBAL	Cartesian	42.49437	3.55	10.2778	No	42.49437	3.55	10.2778	No
34252	GLOBAL	Cartesian	36.8554	3.45	11.03405	No	36.8554	3.45	11.03405	No	34345	GLOBAL	Cartesian	42.49437	3.45	10.2778	No	42.49437	3.45	10.2778	No
34253	GLOBAL	Cartesian	37.05125	3.55	11.01574	No	37.05125	3.55	11.01574	No	34346	GLOBAL	Cartesian	42.49437	3.55	10.25949	No	42.49437	3.55	10.25949	No
34254	GLOBAL	Cartesian	37.05125	3.45	11.01574	No	37.05125	3.45	11.01574	No	34347	GLOBAL	Cartesian	42.49437	3.45	10.25949	No	42.49437	3.45	10.25949	No
34255	GLOBAL	Cartesian	37.23696	3.55	10.99743	No	37.23696	3.55	10.99743	No	34348	GLOBAL	Cartesian	42.49437	3.55	10.24063	No	42.49437	3.55	10.24063	No
34256	GLOBAL	Cartesian	37.23696	3.45	10.99743	No	37.23696	3.45	10.99743	No	34349	GLOBAL	Cartesian	42.49437	3.45	10.24063	No	42.49437	3.45	10.24063	No
34257	GLOBAL	Cartesian	37.42268	3.55	10.97912	No	37.42268	3.55	10.97912	No	34350	GLOBAL	Cartesian	42.49437	3.55	10.23976	No	42.49437	3.55	10.23976	No
34258	GLOBAL	Cartesian	37.42268	3.45	10.97912	No	37.42268	3.45	10.97912	No	34351	GLOBAL	Cartesian	42.49437	3.45	10.23976	No	42.49437	3.45	10.23976	No
34259	GLOBAL	Cartesian	37.60839	3.55	10.96082	No	37.60839	3.55	10.96082	No	34352	GLOBAL	Cartesian	42.49437	3.55	10.2299	No	42.49437	3.55	10.2299	No
34260	GLOBAL	Cartesian	37.60839	3.45	10.96082	No	37.60839	3.45	10.96082	No	34353	GLOBAL	Cartesian	42.49437	3.45	10.2299	No	42.49437	3.45	10.2299	No
34261	GLOBAL	Cartesian	37.79411	3.55	10.94251	No	37.79411	3.55	10.94251	No	34354	GLOBAL	Cartesian	42.49437	3.55	10.2204	No	42.49437	3.55	10.2204	No
34262	GLOBAL	Cartesian	37.79411	3.45	10.94251	No	37.79411	3.45	10.94251	No	34355	GLOBAL	Cartesian	42.49437	3.45	10.2204	No	42.49437	3.45	10.2204	No
34263	GLOBAL	Cartesian	37.97982	3.55	10.9242	No	37.97982	3.55	10.9242	No	34356	GLOBAL	Cartesian	42.49437	3.55	10.20173	No	42.49437	3.55	10.20173	No
34264	GLOBAL	Cartesian	37.97982	3.45	10.9242	No	37.97982	3.45	10.9242	No	34357	GLOBAL	Cartesian	42.49437	3.45	10.20173	No	42.49437	3.45	10.20173	No
34265	GLOBAL	Cartesian	38.1654	3.55	10.90589	No	38.1654	3.55	10.90589	No	34358	GLOBAL	Cartesian	42.49437	3.55	10.18343	No	42.49437	3.55	10.18343	No
34266	GLOBAL	Cartesian	38.1654	3.45	10.90589	No	38.1654	3.45	10.90589	No	34359	GLOBAL	Cartesian	42.49437	3.45	10.18343	No	42.49437	3.45	10.18343	No
34267	GLOBAL	Cartesian	38.35125	3.55	10.88758	No	38.35125	3.55	10.88758	No	34360	GLOBAL	Cartesian	42.49437	3.55	10.16343	No	42.49437	3.55	10.16343	No
34268	GLOBAL	Cartesian	38.35125	3.45	10.88758	No	38.35125	3.45	10.88758	No	34361	GLOBAL	Cartesian	42.49437	3.45	10.16343	No	42.49437	3.45	10.16343	No
34269	GLOBAL	Cartesian	38.53696	3.55	10.86927	No	38.53696	3.55	10.86927	No	34362	GLOBAL	Cartesian	42.49437	3.55	10.16343	No	42.49437	3.55	10.16343	No
34270	GLOBAL	Cartesian	38.53696	3.45	10.86927	No	38.53696	3.45	10.86927	No	34363	GLOBAL	Cartesian	42.49437	3.45	10.14681	No	42.49437	3.45	10.14681	No
34271	GLOBAL	Cartesian	38.62682	3.55	10.86012	No	38.62682	3.55	10.86012	No	34364	GLOBAL	Cartesian	42.49437	3.55	10.14681	No	42.49437	3.55	10.14681	No
34272	GLOBAL	Cartesian	38.62682	3.45	10.86012	No	38.62682	3.45	10.86012	No	34365	GLOBAL	Cartesian	42.49437	3.45	10.12851	No	42.49437	3.45	10.12851	No
34273	GLOBAL	Cartesian	38.81268	3.55	10.8397	No	38.81268	3.55	10.8397	No	34366	GLOBAL	Cartesian	42.49437	3.55	10.12851	No	42.49437	3.55	10.12851	No
34274	GLOBAL	Cartesian	38.81268	3.45	10.8397	No	38.81268	3.45	10.8397	No	34367	GLOBAL	Cartesian	42.49437	3.45	10.12851	No	42.49437	3.45	10.12851	No
34275	GLOBAL	Cartesian	38.82268	3.55	10.84111	No	38.82268	3.55	10.84111	No	34368	GLOBAL	Cartesian	42.49437	3.55	10.1102	No	42.49437	3.55	10.1102	No
34276	GLOBAL	Cartesian	38.82268	3.45	10.84111	No	38.82268	3.45	10.84111	No	34369	GLOBAL	Cartesian	42.49437	3.45	10.09189	No	42.49437	3.45	10.09189	No
34277	GLOBAL	Cartesian	38.82268	3.55	10.83125	No	38.82268	3.55	10.83125	No	34370	GLOBAL	Cartesian	42.49437	3.55	10.09189	No	42.49437	3.55	10.09189	No
34278	GLOBAL	Cartesian	38.82268	3.45	10.83125	No	38.82268	3.45	10.83125	No	34371	GLOBAL	Cartesian	42.49437	3.45	10.07359	No	42.49437	3.45	10.07359	No
34279	GLOBAL	Cartesian	39.02323	3.55	10.82134	No	39.02323	3.55	10.82134	No	34372	GLOBAL	Cartesian	42.49437	3.55	10.07359	No	42.49437	3.55	10.07359	No
34280	GLOBAL	Cartesian	39.02323	3.45	10.82134	No	39.02323	3.45	10.82134	No	34373	GLOBAL	Cartesian	42.49437	3.45	10.05528	No	42.49437	3.45	10.05528	No
34281	GLOBAL	Cartesian	39.2377	3.55	10.81143	No	39.2377	3.55	10.81143	No	34374	GLOBAL	Cartesian	42.49437	3.55	10.05528	No	42.49437	3.55	10.05528	No
34282	GLOBAL	Cartesian	39.2377	3.45	10.81143	No	39.2377	3.45	10.81143	No	34375	GLOBAL	Cartesian	42.49437	3.45	10.03697	No	42.49437	3.45	10.03697	No
34283	GLOBAL	Cartesian	39.30839	3.55	10.79313	No	39.30839	3.55	10.79313	No	34376	GLOBAL	Cartesian	42.49437	3.55	10.03697	No	42.49437	3.55	10.03697	No
34284	GLOBAL	Cartesian	39.30839	3.45	10.79313	No	39.30839	3.45	10.79313	No	34377	GLOBAL	Cartesian	42.49437	3.45	10.01867	No	42.49437	3.45	10.01867	No
34285	GLOBAL	Cartesian	39.4502	3.55	10.77483	No	39.4502	3.55	10.77483	No	34378	GLOBAL	Cartesian	42.49437	3.55	10.01867	No	42.49437	3.55	10.01867	No
34286	GLOBAL	Cartesian	39.4502	3.45	10.77483	No	39.4502	3.45	10.77483	No	34379	GLOBAL	Cartesian	42.49437	3.45	10.00036	No	42.49437	3.45	10.00036	No
34287	GLOBAL	Cartesian	39.6084	3.55	10.75653	No	39.6084	3.55	10.75653	No	34380	GLOBAL	Cartesian	42.49437	3.55	9.98205	No	42.49437	3.55	9.98205	No
34288	GLOBAL																				

34415	GLOBAL	Cartesian	50.54788	3.55	9.68523	No	50.54788	3.55	9.58523	34508	GLOBAL	Cartesian	35.92288	3.45	8.25956	No	35.92288	3.45	8.25956
34416	GLOBAL	Cartesian	50.54788	3.45	9.68523	No	50.54788	3.45	9.68523	34509	GLOBAL	Cartesian	36.02288	3.55	8.25778	No	36.02288	3.55	8.25778
34417	GLOBAL	Cartesian	50.73518	3.55	9.66675	No	50.73518	3.55	9.66675	34510	GLOBAL	Cartesian	36.02288	3.45	8.25778	No	36.02288	3.45	8.25778
34418	GLOBAL	Cartesian	50.73518	3.45	9.66675	No	50.73518	3.45	9.66675	34511	GLOBAL	Cartesian	36.12288	3.55	8.25599	No	36.12288	3.55	8.25599
34419	GLOBAL	Cartesian	50.82268	3.55	9.64826	No	50.82268	3.55	9.64826	34512	GLOBAL	Cartesian	36.12288	3.45	8.25599	No	36.12288	3.45	8.25599
34420	GLOBAL	Cartesian	50.82268	3.45	9.64826	No	50.82268	3.45	9.64826	34513	GLOBAL	Cartesian	36.23469	3.55	8.25279	No	36.23469	3.55	8.25279
34421	GLOBAL	Cartesian	51.11018	3.55	9.62978	No	51.11018	3.55	9.62978	34514	GLOBAL	Cartesian	36.23469	3.45	8.25279	No	36.23469	3.45	8.25279
34422	GLOBAL	Cartesian	51.11018	3.45	9.62978	No	51.11018	3.45	9.62978	34515	GLOBAL	Cartesian	36.4667	3.55	8.24959	No	36.4667	3.55	8.24959
34423	GLOBAL	Cartesian	51.29768	3.55	9.6113	No	51.29768	3.55	9.6113	34516	GLOBAL	Cartesian	36.4667	3.45	8.24959	No	36.4667	3.45	8.24959
34424	GLOBAL	Cartesian	51.29768	3.45	9.6113	No	51.29768	3.45	9.6113	34517	GLOBAL	Cartesian	36.6891	3.55	8.24639	No	36.6891	3.55	8.24639
34425	GLOBAL	Cartesian	51.48618	3.55	9.59281	No	51.48618	3.55	9.59281	34518	GLOBAL	Cartesian	36.6891	3.45	8.24639	No	36.6891	3.45	8.24639
34426	GLOBAL	Cartesian	51.48618	3.45	9.59281	No	51.48618	3.45	9.59281	34519	GLOBAL	Cartesian	36.81072	3.55	8.24319	No	36.81072	3.55	8.24319
34427	GLOBAL	Cartesian	51.67288	3.55	9.57433	No	51.67288	3.55	9.57433	34520	GLOBAL	Cartesian	36.81072	3.45	8.24319	No	36.81072	3.45	8.24319
34428	GLOBAL	Cartesian	51.67288	3.45	9.57433	No	51.67288	3.45	9.57433	34521	GLOBAL	Cartesian	37.00192	3.55	8.23983	No	37.00192	3.55	8.23983
34429	GLOBAL	Cartesian	51.86018	3.55	9.55584	No	51.86018	3.55	9.55584	34522	GLOBAL	Cartesian	37.00192	3.45	8.23983	No	37.00192	3.45	8.23983
34430	GLOBAL	Cartesian	51.86018	3.45	9.55584	No	51.86018	3.45	9.55584	34523	GLOBAL	Cartesian	37.19311	3.55	8.23607	No	37.19311	3.55	8.23607
34431	GLOBAL	Cartesian	52.04768	3.55	9.53736	No	52.04768	3.55	9.53736	34524	GLOBAL	Cartesian	37.19311	3.45	8.23607	No	37.19311	3.45	8.23607
34432	GLOBAL	Cartesian	52.04768	3.45	9.53736	No	52.04768	3.45	9.53736	34525	GLOBAL	Cartesian	37.38431	3.55	8.23252	No	37.38431	3.55	8.23252
34433	GLOBAL	Cartesian	52.23518	3.55	9.51888	No	52.23518	3.55	9.51888	34526	GLOBAL	Cartesian	37.38431	3.45	8.23252	No	37.38431	3.45	8.23252
34434	GLOBAL	Cartesian	52.23518	3.45	9.51888	No	52.23518	3.45	9.51888	34527	GLOBAL	Cartesian	37.5755	3.55	8.22986	No	37.5755	3.55	8.22986
34435	GLOBAL	Cartesian	52.42268	3.55	9.50039	No	52.42268	3.55	9.50039	34528	GLOBAL	Cartesian	37.5755	3.45	8.22986	No	37.5755	3.45	8.22986
34436	GLOBAL	Cartesian	52.42268	3.45	9.50039	No	52.42268	3.45	9.50039	34529	GLOBAL	Cartesian	37.7687	3.55	8.2254	No	37.7687	3.55	8.2254
34437	GLOBAL	Cartesian	52.61018	3.55	9.48191	No	52.61018	3.55	9.48191	34530	GLOBAL	Cartesian	37.7687	3.45	8.2254	No	37.7687	3.45	8.2254
34438	GLOBAL	Cartesian	52.61018	3.45	9.48191	No	52.61018	3.45	9.48191	34531	GLOBAL	Cartesian	37.9579	3.55	8.22184	No	37.9579	3.55	8.22184
34439	GLOBAL	Cartesian	52.79768	3.55	9.46342	No	52.79768	3.55	9.46342	34532	GLOBAL	Cartesian	37.9579	3.45	8.22184	No	37.9579	3.45	8.22184
34440	GLOBAL	Cartesian	52.79768	3.45	9.46342	No	52.79768	3.45	9.46342	34533	GLOBAL	Cartesian	38.14809	3.55	8.21829	No	38.14809	3.55	8.21829
34441	GLOBAL	Cartesian	52.89518	3.55	9.44494	No	52.89518	3.55	9.44494	34534	GLOBAL	Cartesian	38.14809	3.45	8.21829	No	38.14809	3.45	8.21829
34442	GLOBAL	Cartesian	52.89518	3.45	9.44494	No	52.89518	3.45	9.44494	34535	GLOBAL	Cartesian	38.34029	3.55	8.21473	No	38.34029	3.55	8.21473
34443	GLOBAL	Cartesian	53.17288	3.55	9.42645	No	53.17288	3.55	9.42645	34536	GLOBAL	Cartesian	38.34029	3.45	8.21473	No	38.34029	3.45	8.21473
34444	GLOBAL	Cartesian	53.17288	3.45	9.42645	No	53.17288	3.45	9.42645	34537	GLOBAL	Cartesian	38.53148	3.55	8.21117	No	38.53148	3.55	8.21117
34445	GLOBAL	Cartesian	53.36018	3.55	9.40797	No	53.36018	3.55	9.40797	34538	GLOBAL	Cartesian	38.53148	3.45	8.21117	No	38.53148	3.45	8.21117
34446	GLOBAL	Cartesian	53.36018	3.45	9.40797	No	53.36018	3.45	9.40797	34539	GLOBAL	Cartesian	38.72268	3.55	8.20761	No	38.72268	3.55	8.20761
34447	GLOBAL	Cartesian	53.54768	3.55	9.38949	No	53.54768	3.55	9.38949	34540	GLOBAL	Cartesian	38.72268	3.45	8.20761	No	38.72268	3.45	8.20761
34448	GLOBAL	Cartesian	53.54768	3.45	9.38949	No	53.54768	3.45	9.38949	34541	GLOBAL	Cartesian	38.91361	3.55	8.20398	No	38.91361	3.55	8.20398
34449	GLOBAL	Cartesian	53.73518	3.55	9.3718	No	53.73518	3.55	9.3718	34542	GLOBAL	Cartesian	38.91361	3.45	8.20398	No	38.91361	3.45	8.20398
34450	GLOBAL	Cartesian	53.73518	3.45	9.3718	No	53.73518	3.45	9.3718	34543	GLOBAL	Cartesian	39.10233	3.55	8.20016	No	39.10233	3.55	8.20016
34451	GLOBAL	Cartesian	53.92268	3.55	9.35252	No	53.92268	3.55	9.35252	34544	GLOBAL	Cartesian	39.10233	3.45	8.20016	No	39.10233	3.45	8.20016
34452	GLOBAL	Cartesian	53.92268	3.45	9.35252	No	53.92268	3.45	9.35252	34545	GLOBAL	Cartesian	39.29288	3.55	8.19643	No	39.29288	3.55	8.19643
34453	GLOBAL	Cartesian	54.16056	3.55	9.32874	No	54.16056	3.55	9.32874	34546	GLOBAL	Cartesian	39.29288	3.45	8.19643	No	39.29288	3.45	8.19643
34454	GLOBAL	Cartesian	54.16056	3.45	9.32874	No	54.16056	3.45	9.32874	34547	GLOBAL	Cartesian	39.48343	3.55	8.19313	No	39.48343	3.55	8.19313
34455	GLOBAL	Cartesian	54.35256	3.55	9.30556	No	54.35256	3.55	9.30556	34548	GLOBAL	Cartesian	39.48343	3.45	8.19313	No	39.48343	3.45	8.19313
34456	GLOBAL	Cartesian	54.35256	3.45	9.30556	No	54.35256	3.45	9.30556	34549	GLOBAL	Cartesian	39.67489	3.55	8.18943	No	39.67489	3.55	8.18943
34457	GLOBAL	Cartesian	54.54018	3.55	9.28794	No	54.54018	3.55	9.28794	34550	GLOBAL	Cartesian	39.67489	3.45	8.18943	No	39.67489	3.45	8.18943
34458	GLOBAL	Cartesian	54.72843	3.55	9.26943	No	54.72843	3.55	9.26943	34551	GLOBAL	Cartesian	39.86601	3.55	8.18578	No	39.86601	3.55	8.18578
34459	GLOBAL	Cartesian	54.72843	3.45	9.26943	No	54.72843	3.45	9.26943	34552	GLOBAL	Cartesian	39.86601	3.45	8.18578	No	39.86601	3.45	8.18578
34460	GLOBAL	Cartesian	54.9151	3.55	9.25191	No	54.9151	3.55	9.25191	34553	GLOBAL	Cartesian	40.05764	3.55	8.18202	No	40.05764	3.55	8.18202
34461	GLOBAL	Cartesian	54.9151	3.45	9.25191	No	54.9151	3.45	9.25191	34554	GLOBAL	Cartesian	40.05764	3.45	8.18202	No	40.05764	3.45	8.18202
34462	GLOBAL	Cartesian	55.14519	3.55	9.22874	No	55.14519	3.55	9.22874	34555	GLOBAL	Cartesian	40.24913	3.55	8.17852	No	40.24913	3.55	8.17852
34463	GLOBAL	Cartesian	55.14519	3.45	9.22874	No	55.14519	3.45	9.22874	34556	GLOBAL	Cartesian	40.24913	3.45	8.17852	No	40.24913	3.45	8.17852
34464	GLOBAL	Cartesian	55.33488	3.55	9.20596	No	55.33488	3.55	9.20596	34557	GLOBAL	Cartesian	40.44068	3.55	8.17422	No	40.44068	3.55	8.17422
34465	GLOBAL	Cartesian	55.33488	3.45	9.20596	No	55.33488	3.45	9.20596	34558	GLOBAL	Cartesian	40.44068	3.45	8.17422	No	40.44068	3.45	8.17422
34466	GLOBAL	Cartesian	55.525318	3.55	9.18274	No	55.525318	3.55	9.18274	34559	GLOBAL	Cartesian	40.63237	3.55	8.17004	No	40.63237	3.55	8.17004
34467	GLOBAL	Cartesian	55.525318	3.45	9.18274	No	55.525318	3.45	9.18274	34560	GLOBAL	Cartesian	40.63237	3.45	8.17004	No	40.63237	3.45	8.17004
34468	GLOBAL	Cartesian	55.71268	3.55	9.16056	No	55.71268	3.55	9.16056	34561	GLOBAL	Cartesian	40.82401	3.55	8.16595	No	40.82401	3.55	8.16595
34469	GLOBAL	Cartesian	55.71268	3.45	9.16056	No	55.71268	3.45	9.16056	34562	GLOBAL	Cartesian	40.82401	3.45	8.16595	No	40.82401	3.45	8.16595
34470	GLOBAL	Cartesian	55.90018	3.55	9.13843	No	55.90018	3.55	9.13843	34563	GLOBAL	Cartesian	41.01564	3.55	8.16234	No	41.01564	3.55	8.16234
34471	GLOBAL	Cartesian	55.90018	3.45	9.13843	No	55.90018	3.45	9.13843	34564	GLOBAL	Cartesian	41.01564	3.45	8.16234	No	41.01564	3.45	8.16234
34472	GLOBAL	Cartesian	56.08768	3.55	9.11618	No	56.08768	3.55	9.11618	34565	GLOBAL	Cartesian	41.20727	3.55	8.15878	No	41.20727	3.55	8.15878
34473	GLOBAL	Cartesian	56.08768	3.45	9.11618	No	56.08768	3.45	9.11618	34566	GLOBAL	Cartesian	41.20727	3.45	8.15878	No	41.20727	3.45	8.15878
34474	GLOBAL	Cartesian	56.27518	3.55	9.09396	No	56.27518	3.55	9.09396	34567	GLOBAL	Cartesian	41.39882	3.55	8.15519	No	41.39882	3.55	8.15519
34475	GLOBAL	Cartesian	56.27518	3.45	9.09396	No	56.27518	3.45	9.09396	34568	GLOBAL	Cartesian	41.39882	3.45	8.15519	No	41.39882	3.45	8.15519
34476	GLOBAL	Cartesian	56.46268	3.55	9.07167	No	56.46268	3.55	9.07167	34569	GLOBAL	Cartesian	41.59045	3.55	8.15152	No	41.59045	3.55	8.15152
34477	GLOBAL	Cartesian	56.46268	3.45	9.07167	No	56.46268	3.45	9.07167	34570	GLOBAL	Cartesian	41.59045	3.45	8.15152	No	41.59045	3.45	8.15152
34478	GLOBAL	Cartesian	56.65018	3.5															

34601	GLOBAL	Cartesian	43.7467	3.55	8.0539	No	43.7467	3.55	8.0539	No	34604	GLOBAL	Cartesian	34.6989	3.85	8.2698	No	34.6989	3.85	8.2698	No	34698	GLOBAL	Cartesian	44.3215	3.45	8.0248	No	44.3215	3.45	8.0248	No	34702	GLOBAL	Cartesian	34.702	3.65	8.2614	No	34.702	3.65	8.2614	No	34706	GLOBAL	Cartesian	34.706	3.75	8.2653	No	34.706	3.75	8.2653	No	34710	GLOBAL	Cartesian	34.710	3.85	8.2698	No	34.710	3.85	8.2698	No	34714	GLOBAL	Cartesian	34.714	3.95	8.2743	No	34.714	3.95	8.2743	No	34718	GLOBAL	Cartesian	34.718	4.05	8.2788	No	34.718	4.05	8.2788	No	34722	GLOBAL	Cartesian	34.722	4.15	8.2833	No	34.722	4.15	8.2833	No	34726	GLOBAL	Cartesian	34.726	4.25	8.2878	No	34.726	4.25	8.2878	No	34730	GLOBAL	Cartesian	34.730	4.35	8.2923	No	34.730	4.35	8.2923	No	34734	GLOBAL	Cartesian	34.734	4.45	8.2968	No	34.734	4.45	8.2968	No	34738	GLOBAL	Cartesian	34.738	4.55	8.3013	No	34.738	4.55	8.3013	No	34742	GLOBAL	Cartesian	34.742	4.65	8.3058	No	34.742	4.65	8.3058	No	34746	GLOBAL	Cartesian	34.746	4.75	8.3103	No	34.746	4.75	8.3103	No	34750	GLOBAL	Cartesian	34.750	4.85	8.3148	No	34.750	4.85	8.3148	No	34754	GLOBAL	Cartesian	34.754	4.95	8.3193	No	34.754	4.95	8.3193	No	34758	GLOBAL	Cartesian	34.758	5.05	8.3238	No	34.758	5.05	8.3238	No	34762	GLOBAL	Cartesian	34.762	5.15	8.3283	No	34.762	5.15	8.3283	No	34766	GLOBAL	Cartesian	34.766	5.25	8.3328	No	34.766	5.25	8.3328	No	34770	GLOBAL	Cartesian	34.770	5.35	8.3373	No	34.770	5.35	8.3373	No	34774	GLOBAL	Cartesian	34.774	5.45	8.3418	No	34.774	5.45	8.3418	No	34778	GLOBAL	Cartesian	34.778	5.55	8.3463	No	34.778	5.55	8.3463	No	34782	GLOBAL	Cartesian	34.782	5.65	8.3508	No	34.782	5.65	8.3508	No	34786	GLOBAL	Cartesian	34.786	5.75	8.3553	No	34.786	5.75	8.3553	No	34790	GLOBAL	Cartesian	34.790	5.85	8.3598	No	34.790	5.85	8.3598	No	34794	GLOBAL	Cartesian	34.794	5.95	8.3643	No	34.794	5.95	8.3643	No	34798	GLOBAL	Cartesian	34.798	6.05	8.3688	No	34.798	6.05	8.3688	No	34802	GLOBAL	Cartesian	34.802	6.15	8.3733	No	34.802	6.15	8.3733	No	34806	GLOBAL	Cartesian	34.806	6.25	8.3778	No	34.806	6.25	8.3778	No	34810	GLOBAL	Cartesian	34.810	6.35	8.3823	No	34.810	6.35	8.3823	No	34814	GLOBAL	Cartesian	34.814	6.45	8.3868	No	34.814	6.45	8.3868	No	34818	GLOBAL	Cartesian	34.818	6.55	8.3913	No	34.818	6.55	8.3913	No	34822	GLOBAL	Cartesian	34.822	6.65	8.3958	No	34.822	6.65	8.3958	No	34826	GLOBAL	Cartesian	34.826	6.75	8.4003	No	34.826	6.75	8.4003	No	34830	GLOBAL	Cartesian	34.830	6.85	8.4048	No	34.830	6.85	8.4048	No	34834	GLOBAL	Cartesian	34.834	6.95	8.4093	No	34.834	6.95	8.4093	No	34838	GLOBAL	Cartesian	34.838	7.05	8.4138	No	34.838	7.05	8.4138	No	34842	GLOBAL	Cartesian	34.842	7.15	8.4183	No	34.842	7.15	8.4183	No	34846	GLOBAL	Cartesian	34.846	7.25	8.4228	No	34.846	7.25	8.4228	No	34850	GLOBAL	Cartesian	34.850	7.35	8.4273	No	34.850	7.35	8.4273	No	34854	GLOBAL	Cartesian	34.854	7.45	8.4318	No	34.854	7.45	8.4318	No	34858	GLOBAL	Cartesian	34.858	7.55	8.4363	No	34.858	7.55	8.4363	No	34862	GLOBAL	Cartesian	34.862	7.65	8.4408	No	34.862	7.65	8.4408	No	34866	GLOBAL	Cartesian	34.866	7.75	8.4453	No	34.866	7.75	8.4453	No	34870	GLOBAL	Cartesian	34.870	7.85	8.4498	No	34.870	7.85	8.4498	No	34874	GLOBAL	Cartesian	34.874	7.95	8.4543	No	34.874	7.95	8.4543	No	34878	GLOBAL	Cartesian	34.878	8.05	8.4588	No	34.878	8.05	8.4588	No	34882	GLOBAL	Cartesian	34.882	8.15	8.4633	No	34.882	8.15	8.4633	No	34886	GLOBAL	Cartesian	34.886	8.25	8.4678	No	34.886	8.25	8.4678	No	34890	GLOBAL	Cartesian	34.890	8.35	8.4723	No	34.890	8.35	8.4723	No	34894	GLOBAL	Cartesian	34.894	8.45	8.4768	No	34.894	8.45	8.4768	No	34898	GLOBAL	Cartesian	34.898	8.55	8.4813	No	34.898	8.55	8.4813	No	34902	GLOBAL	Cartesian	34.902	8.65	8.4858	No	34.902	8.65	8.4858	No	34906	GLOBAL	Cartesian	34.906	8.75	8.4903	No	34.906	8.75	8.4903	No	34910	GLOBAL	Cartesian	34.910	8.85	8.4948	No	34.910	8.85	8.4948	No	34914	GLOBAL	Cartesian	34.914	8.95	8.4993	No	34.914	8.95	8.4993	No	34918	GLOBAL	Cartesian	34.918	9.05	8.5038	No	34.918	9.05	8.5038	No	34922	GLOBAL	Cartesian	34.922	9.15	8.5083	No	34.922	9.15	8.5083	No	34926	GLOBAL	Cartesian	34.926	9.25	8.5128	No	34.926	9.25	8.5128	No	34930	GLOBAL	Cartesian	34.930	9.35	8.5173	No	34.930	9.35	8.5173	No	34934	GLOBAL	Cartesian	34.934	9.45	8.5218	No	34.934	9.45	8.5218	No	34938	GLOBAL	Cartesian	34.938	9.55	8.5263	No	34.938	9.55	8.5263	No	34942	GLOBAL	Cartesian	34.942	9.65	8.5308	No	34.942	9.65	8.5308	No	34946	GLOBAL	Cartesian	34.946	9.75	8.5353	No	34.946	9.75	8.5353	No	34950	GLOBAL	Cartesian	34.950	9.85	8.5398	No	34.950	9.85	8.5398	No	34954	GLOBAL	Cartesian	34.954	9.95	8.5443	No	34.954	9.95	8.5443	No	34958	GLOBAL	Cartesian	34.958	10.05	8.5488	No	34.958	10.05	8.5488	No	34962	GLOBAL	Cartesian	34.962	10.15	8.5533	No	34.962	10.15	8.5533	No	34966	GLOBAL	Cartesian	34.966	10.25	8.5578	No	34.966	10.25	8.5578	No	34970	GLOBAL	Cartesian	34.970	10.35	8.5623	No	34.970	10.35	8.5623	No	34974	GLOBAL	Cartesian	34.974	10.45	8.5668	No	34.974	10.45	8.5668	No	34978	GLOBAL	Cartesian	34.978	10.55	8.5713	No	34.978	10.55	8.5713	No	34982	GLOBAL	Cartesian	34.982	10.65	8.5758	No	34.982	10.65	8.5758	No	34986	GLOBAL	Cartesian	34.986	10.75	8.5803	No	34.986	10.75	8.5803	No	34990	GLOBAL	Cartesian	34.990	10.85	8.5848	No	34.990	10.85	8.5848	No	34994	GLOBAL	Cartesian	34.994	10.95	8.5893	No	34.994	10.95	8.5893	No	34998	GLOBAL	Cartesian	34.998	11.05	8.5938	No	34.998	11.05	8.5938	No	35002	GLOBAL	Cartesian	35.002	11.15	8.5983	No	35.002	11.15	8.5983	No	35006	GLOBAL	Cartesian	35.006	11.25	8.6028	No	35.006	11.25	8.6028	No	35010	GLOBAL	Cartesian	35.010	11.35	8.6073	No	35.010	11.35	8.6073	No	35014	GLOBAL	Cartesian	35.014	11.45	8.6118	No	35.014	11.45	8.6118	No	35018	GLOBAL	Cartesian	35.018	11.55	8.6163	No	35.018	11.55	8.6163	No	35022	GLOBAL	Cartesian	35.022	11.65	8.6208	No	35.022	11.65	8.6208	No	35026	GLOBAL	Cartesian	35.026	11.75	8.6253	No	35.026	11.75	8.6253	No	35030	GLOBAL	Cartesian	35.030	11.85	8.6298	No	35.030	11.85	8.6298	No	35034	GLOBAL	Cartesian	35.034	11.95	8.6343	No	35.034	11.95	8.6343	No	35038	GLOBAL	Cartesian	35.038	12.05	8.6388	No	35.038	12.05	8.6388	No	35042	GLOBAL	Cartesian	35.042	12.15	8.6433	No	35.042	12.15	8.6433	No	35046	GLOBAL	Cartesian	35.046	12.25	8.6478	No	35.046	12.25	8.6478	No	35050	GLOBAL	Cartesian	35.050	12.35	8.6523	No	35.050	12.35	8.6523	No	35054	GLOBAL	Cartesian	35.054	12.45	8.6568	No	35.054	12.45	8.6568	No	35058	GLOBAL	Cartesian	35.058	12.55	8.6613	No	35.058	12.55	8.6613	No	35062	GLOBAL	Cartesian	35.062	12.65	8.6658	No	35.062	12.65	8.6658	No	35066	GLOBAL	Cartesian	35.066	12.75	8.6703	No	35.066	12.75	8.6703	No	35070	GLOBAL	Cartesian	35.070	12.85	8.6748	No	35.070	12.85	8.6748	No	35074	GLOBAL	Cartesian	35.074	12.95	8.6793	No	35.074	12.95	8.6793	No	35078	GLOBAL	Cartesian	35.078	13.05	8.6838	No	35.078	13.05	8.6838	No	35082	GLOBAL	Cartesian	35.082	13.15	8.6883	No	35.082	13.15	8.6883	No	35086	GLOBAL	Cartesian	35.086	13.25	8.6928	No	35.086	13.25	8.6928	No	35090	GLOBAL	Cartesian	35.090	13.35	8.6973	No	35.090	13.35	8.6973	No	35094	GLOBAL	Cartesian	35.094	13.45	8.7018	No	35.094	13.45	8.7018	No	35098	GLOBAL	Cartesian	35.098	13.55	8.7063	No	35.098	13.55	8.7063	No	35102	GLOBAL	Cartesian	35.102	13.65	8.7108	No	35.102	13.65	8.7108	No	35106	GLOBAL	Cartesian	35.106	13.75	8.7153	No	35.106	13.75	8.7153	No	35110	GLOBAL	Cartesian	35.110	13.85	8.7198	No	35.110	13.85	8.7198	No	35114	GLOBAL	Cartesian	35.114	13.95	8.7243	No	35.114	13.95	8.7243	No	35118	GLOBAL	Cartesian	35.118	14.05	8.7288	No	35.118	14.05	8.7288	No	35122	GLOBAL	Cartesian	35.122	14.15	8.7333	No	35.122	14.15	8.7333	No	35126	GLOBAL	Cartesian	35.126	14.25	8.7378	No	35.126	14.25	8.7378	No	35130	GLOBAL	Cartesian	35.130	14.35	8.7423	No	35.130	14.35	8.7423	No	35134	GLOBAL	Cartesian	35.134	14.45	8.7468	No	35.134	14.45	8.7468	No	35138	GLOBAL	Cartesian	35.138	14.55	8.7513	No	35.138	14.55	8.7513	No	35142	GLOBAL	Cartesian	35.142	14.65	8.7558	No	35.142	14.65	8.7558	No	35146	GLOBAL	Cartesian	35.146	14.75	8.7603	No	35.146	14.75	8.7603	No	35150	GLOBAL	Cartesian	35.150	14.85	8.7648	No	35.150	14.85	8.7648	No	35154	GLOBAL	Cartesian	35.154	14.95	8.7693	No	35.154	14.95	8.7693	No	35158	GLOBAL	Cartesian	35.158	15.05	8.7738	No	35.158	15.05	8.7738	No	35162	GLOBAL	Cartesian	35.162	15.15	8.7783	No	35.162	15.15	8.7783	No	35166	GLOBAL	Cartesian	35.166	15.25	8.7828	No	35.166	15.25	8.7828	No	35170	GLOBAL	Cartesian	35.170	15.35	8.7873	No	35.170	15.35	8.7873	No	35174	GLOBAL	Cartesian	35.174	15.45	8.7918	No	35.174	15.45	8.7918	No	35178	GLOBAL	Cartesian	35.178	15.55	8.7963	No	35.178	15.55	8.7963	No	35182	GLOBAL	Cartesian	35.182	15.65	8.8008	No	35.182	15.65	8.8008	No	35186	GLOBAL	Cartesian	35.186	15.75	8.8053	No	35.186	15.75	8.8053	No	35190	GLOBAL	Cartesian	35.190	15.85	8.8098	No	35.190	15.85	8.8098	No	35194	GLOBAL	Cartesian	35.194	15.95	8.8143	No	35.194	15.95	8.8143	No	35198	GLOBAL	Cartesian	35.198	16.05	8.8188	No	35.198	16.05	8.8188	No	35202	GLOBAL	Cartesian	35.202	16.15	8.8233	No	35.202</
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36090	GLOBAL	Cartesian	25.0958	3.65	10.0568	No	25.0958	3.65	10.0568	No	36193	GLOBAL	Cartesian	21.2749	3.65	10.2429	No	21.2749	3.65	10.2429	No
36091	GLOBAL	Cartesian	24.9558	3.65	10.0098	No	24.9558	3.65	10.0098	No	36194	GLOBAL	Cartesian	21.20071	3.65	10.1798	No	21.20071	3.65	10.1798	No
36092	GLOBAL	Cartesian	24.8331	3.65	9.9572	No	24.8331	3.65	9.9572	No	36195	GLOBAL	Cartesian	20.5481	3.65	8.9271	No	20.5481	3.65	8.9271	No
36093	GLOBAL	Cartesian	24.7604	3.65	9.9064	No	24.7604	3.65	9.9064	No	36196	GLOBAL	Cartesian	20.3854	3.65	8.91274	No	20.3854	3.65	8.91274	No
36095	GLOBAL	Cartesian	25.0165	3.65	10.2206	No	25.0165	3.65	10.2206	No	36197	GLOBAL	Cartesian	20.22748	3.65	8.90338	No	20.22748	3.65	8.90338	No
36096	GLOBAL	Cartesian	24.82078	3.65	10.1661	No	24.82078	3.65	10.1661	No	36198	GLOBAL	Cartesian	20.0641	3.65	8.89398	No	20.0641	3.65	8.89398	No
36097	GLOBAL	Cartesian	24.82471	3.65	10.1138	No	24.82471	3.65	10.1138	No	36199	GLOBAL	Cartesian	19.90534	3.65	8.8846	No	19.90534	3.65	8.8846	No
36098	GLOBAL	Cartesian	24.7284	3.65	10.0565	No	24.7284	3.65	10.0565	No	36200	GLOBAL	Cartesian	19.74427	3.65	8.8752	No	19.74427	3.65	8.8752	No
36099	GLOBAL	Cartesian	24.63248	3.65	10.00178	No	24.63248	3.65	10.00178	No	36201	GLOBAL	Cartesian	20.37684	3.65	9.01973	No	20.37684	3.65	9.01973	No
36100	GLOBAL	Cartesian	24.56177	3.65	10.33487	No	24.56177	3.65	10.33487	No	36202	GLOBAL	Cartesian	20.2233	3.65	8.90687	No	20.2233	3.65	8.90687	No
36101	GLOBAL	Cartesian	24.7871	3.65	10.2754	No	24.7871	3.65	10.2754	No	36203	GLOBAL	Cartesian	20.0677	3.65	8.89402	No	20.0677	3.65	8.89402	No
36102	GLOBAL	Cartesian	24.5948	3.65	10.1584	No	24.5948	3.65	10.1584	No	36204	GLOBAL	Cartesian	19.9107	3.65	8.8831	No	19.9107	3.65	8.8831	No
36103	GLOBAL	Cartesian	24.50511	3.65	10.0987	No	24.50511	3.65	10.0987	No	36205	GLOBAL	Cartesian	19.7627	3.65	8.86931	No	19.7627	3.65	8.86931	No
36104	GLOBAL	Cartesian	24.4089	3.65	10.4488	No	24.4089	3.65	10.4488	No	36206	GLOBAL	Cartesian	19.6016	3.65	8.85545	No	19.6016	3.65	8.85545	No
36105	GLOBAL	Cartesian	24.6243	3.65	10.38473	No	24.6243	3.65	10.38473	No	36207	GLOBAL	Cartesian	20.20407	3.65	9.11733	No	20.20407	3.65	9.11733	No
36106	GLOBAL	Cartesian	24.54217	3.65	10.32048	No	24.54217	3.65	10.32048	No	36208	GLOBAL	Cartesian	20.0506	3.65	9.101	No	20.0506	3.65	9.101	No
36107	GLOBAL	Cartesian	24.45971	3.65	10.25623	No	24.45971	3.65	10.25623	No	36209	GLOBAL	Cartesian	19.91206	3.65	9.08634	No	19.91206	3.65	9.08634	No
36108	GLOBAL	Cartesian	24.37765	3.65	10.19199	No	24.37765	3.65	10.19199	No	36210	GLOBAL	Cartesian	19.76605	3.65	9.06854	No	19.76605	3.65	9.06854	No
36109	GLOBAL	Cartesian	24.55161	3.65	10.56298	No	24.55161	3.65	10.56298	No	36211	GLOBAL	Cartesian	19.62005	3.65	9.05202	No	19.62005	3.65	9.05202	No
36110	GLOBAL	Cartesian	24.47625	3.65	10.48401	No	24.47625	3.65	10.48401	No	36212	GLOBAL	Cartesian	19.47405	3.65	9.03569	No	19.47405	3.65	9.03569	No
36111	GLOBAL	Cartesian	24.4039	3.65	10.42504	No	24.4039	3.65	10.42504	No	36213	GLOBAL	Cartesian	20.03129	3.65	9.21493	No	20.03129	3.65	9.21493	No
36112	GLOBAL	Cartesian	24.32189	3.65	10.36318	No	24.32189	3.65	10.36318	No	36214	GLOBAL	Cartesian	19.88282	3.65	9.19513	No	19.88282	3.65	9.19513	No
36113	GLOBAL	Cartesian	24.25018	3.65	10.30271	No	24.25018	3.65	10.30271	No	36215	GLOBAL	Cartesian	19.7355	3.65	9.17553	No	19.7355	3.65	9.17553	No
36114	GLOBAL	Cartesian	24.2988	3.65	10.6033	No	24.2988	3.65	10.6033	No	36216	GLOBAL	Cartesian	19.5881	3.65	9.15582	No	19.5881	3.65	9.15582	No
36115	GLOBAL	Cartesian	24.25983	3.65	10.5298	No	24.25983	3.65	10.5298	No	36217	GLOBAL	Cartesian	19.47471	3.65	9.13572	No	19.47471	3.65	9.13572	No
36116	GLOBAL	Cartesian	24.19117	3.65	10.45591	No	24.19117	3.65	10.45591	No	36218	GLOBAL	Cartesian	19.33893	3.65	9.11592	No	19.33893	3.65	9.11592	No
36117	GLOBAL	Cartesian	23.55923	3.65	9.01476	No	23.55923	3.65	9.01476	No	36219	GLOBAL	Cartesian	19.19592	3.65	9.09582	No	19.19592	3.65	9.09582	No
36118	GLOBAL	Cartesian	23.37521	3.65	8.9053	No	23.37521	3.65	8.9053	No	36220	GLOBAL	Cartesian	19.072758	3.65	9.07354	No	19.072758	3.65	9.07354	No
36119	GLOBAL	Cartesian	23.19218	3.65	8.89565	No	23.19218	3.65	8.89565	No	36221	GLOBAL	Cartesian	19.59684	3.65	9.28598	No	19.59684	3.65	9.28598	No
36120	GLOBAL	Cartesian	23.00916	3.65	8.99593	No	23.00916	3.65	8.99593	No	36222	GLOBAL	Cartesian	19.4657	3.65	9.24271	No	19.4657	3.65	9.24271	No
36121	GLOBAL	Cartesian	22.82614	3.65	8.97893	No	22.82614	3.65	8.97893	No	36223	GLOBAL	Cartesian	19.33476	3.65	9.21943	No	19.33476	3.65	9.21943	No
36122	GLOBAL	Cartesian	23.39453	3.65	9.12015	No	23.39453	3.65	9.12015	No	36224	GLOBAL	Cartesian	19.20382	3.65	9.19816	No	19.20382	3.65	9.19816	No
36123	GLOBAL	Cartesian	23.2689	3.65	9.09571	No	23.2689	3.65	9.09571	No	36225	GLOBAL	Cartesian	19.06975	3.65	9.18014	No	19.06975	3.65	9.18014	No
36124	GLOBAL	Cartesian	22.21369	3.65	8.98287	No	22.21369	3.65	8.98287	No	36226	GLOBAL	Cartesian	19.58234	3.65	9.35539	No	19.58234	3.65	9.35539	No
36125	GLOBAL	Cartesian	22.04339	3.65	9.23873	No	22.04339	3.65	9.23873	No	36227	GLOBAL	Cartesian	19.43462	3.65	9.33652	No	19.43462	3.65	9.33652	No
36126	GLOBAL	Cartesian	22.87055	3.65	9.0782	No	22.87055	3.65	9.0782	No	36228	GLOBAL	Cartesian	19.2852	3.65	9.31552	No	19.2852	3.65	9.31552	No
36127	GLOBAL	Cartesian	23.23143	3.65	9.08421	No	23.23143	3.65	9.08421	No	36229	GLOBAL	Cartesian	19.13912	3.65	9.30314	No	19.13912	3.65	9.30314	No
36128	GLOBAL	Cartesian	23.0846	3.65	9.22556	No	23.0846	3.65	9.22556	No	36230	GLOBAL	Cartesian	19.18212	3.65	9.27639	No	19.18212	3.65	9.27639	No
36129	GLOBAL	Cartesian	22.0846	3.65	9.20704	No	22.0846	3.65	9.20704	No	36231	GLOBAL	Cartesian	19.06871	3.65	9.27539	No	19.06871	3.65	9.27539	No
36130	GLOBAL	Cartesian	22.89777	3.65	9.18653	No	22.89777	3.65	9.18653	No	36232	GLOBAL	Cartesian	19.51298	3.65	9.31798	No	19.51298	3.65	9.31798	No
36131	GLOBAL	Cartesian	22.73094	3.65	9.17001	No	22.73094	3.65	9.17001	No	36233	GLOBAL	Cartesian	19.3971	3.65	9.47752	No	19.3971	3.65	9.47752	No
36132	GLOBAL	Cartesian	22.56411	3.65	9.1515	No	22.56411	3.65	9.1515	No	36234	GLOBAL	Cartesian	19.28122	3.65	9.4473	No	19.28122	3.65	9.4473	No
36133	GLOBAL	Cartesian	23.0803	3.65	9.33096	No	23.0803	3.65	9.33096	No	36235	GLOBAL	Cartesian	19.16535	3.65	9.41707	No	19.16535	3.65	9.41707	No
36134	GLOBAL	Cartesian	22.9083	3.65	9.30791	No	22.9083	3.65	9.30791	No	36236	GLOBAL	Cartesian	19.04947	3.65	9.38865	No	19.04947	3.65	9.38865	No
36135	GLOBAL	Cartesian	22.7586	3.65	9.28281	No	22.7586	3.65	9.28281	No	36237	GLOBAL	Cartesian	18.9336	3.65	9.36562	No	18.9336	3.65	9.36562	No
36136	GLOBAL	Cartesian	22.5939	3.65	9.25873	No	22.5939	3.65	9.25873	No	36238	GLOBAL	Cartesian	18.81418	3.65	9.34248	No	18.81418	3.65	9.34248	No
36137	GLOBAL	Cartesian	22.4339	3.65	9.23873	No	22.4339	3.65	9.23873	No	36239	GLOBAL	Cartesian	18.69537	3.65	9.31709	No	18.69537	3.65	9.31709	No
36138	GLOBAL	Cartesian	22.27539	3.65	9.43638	No	22.27539	3.65	9.43638	No	36240	GLOBAL	Cartesian	18.57282	3.65	9.29375	No	18.57282	3.65	9.29375	No
36139	GLOBAL	Cartesian	22.75399	3.65	9.40878	No	22.75399	3.65	9.40878	No	36241	GLOBAL	Cartesian	18.45157	3.65	9.57055	No	18.45157	3.65	9.57055	No
36140	GLOBAL	Cartesian	22.60335	3.65	9.38121	No	22.60335	3.65	9.38121	No	36242	GLOBAL	Cartesian	18.06883	3.65	9.47055	No	18.06883	3.65	9.47055	No
36141	GLOBAL	Cartesian	22.45271	3.65	9.35364	No	22.45271	3.65	9.35364	No	36243	GLOBAL	Cartesian	18.79848	3.65	9.43986	No	18.79848	3.65	9.43986	No
36142	GLOBAL	Cartesian	22.30207	3.65	9.32607	No	22.30207	3.65	9.32607	No	36244	GLOBAL	Cartesian	18.16743	3.65	9.70255	No	18.16743	3.65	9.70255	No
36143	GLOBAL	Cartesian	22.14124	3.65	9.54175	No	22.14124	3.65	9.54175	No	36245	GLOBAL	Cartesian	18.06682	3.65	9.66578	No	18.06682	3.65	9.66578	No
36144	GLOBAL	Cartesian	22.9869	3.65	9.0565	No	22.9869	3.65	9.0565	No	36246	GLOBAL	Cartesian	18.9581	3.65	9.62661	No	18.9581	3.65	9.62661	No
36145	GLOBAL	Cartesian	22.45015	3.65	9.47755	No	22.45015	3.65	9.47755	No	36247	GLOBAL	Cartesian	18.84489	3.65	9.59143	No	18.84489	3.65	9.59143	No
36146	GLOBAL	Cartesian	22.2136	3.65	9.4454	No	22.2136	3.65	9.4454	No	36248	GLOBAL	Cartesian	18.74418	3.65	9.55428	No	18.74418	3.65	9.55428	No
36147	GLOBAL	Cartesian	22.04339	3.65	9.64715	No	22.04339	3.65	9.64715	No	36249	GLOBAL	Cartesian	18.63357	3.65	9.51709	No	18.63357	3.65	9.51709	No
36148	GLOBAL	Cartesian	22.4439	3.65	9.61052	No	22.4439	3.65	9.61052	No	36250	GLOBAL	Cartesian	18.50138	3.65	9.75991	No	18.50138	3.65	9.75991	No
36149	GLOBAL	Cartesian	22.30894	3.65	9.5739	No	22.30894	3.65	9.5739	No	36251	GLOBAL	Cartesian	18.3881	3.65	9.71926	No	18.3881	3.65	9.71926	No
36150	GLOBAL	Cartesian	22.17449	3.65	9.53727	No	22.17449	3.65	9.53727	No	36252	GLOBAL	Cartesian	18.27482	3.65	9.67862	No	18.27482	3.65	9.67862	No
36151	GLOBAL	Cartesian	22.0404	3.65	9.50064	No	22.0404	3.65													

36278	GLOBAL	Cartesian	16.7298	3.65	8.91121	No	16.7298	3.65	8.91121	No	36289	GLOBAL	Cartesian	30.67786	3.65	10.2968	No	30.67786	3.65	10.2968	No
36277	GLOBAL	Cartesian	16.5665	3.65	8.8937	No	16.5665	3.65	8.8937	No	36279	GLOBAL	Cartesian	31.103761	3.65	10.8043	No	31.103761	3.65	10.8043	No
36276	GLOBAL	Cartesian	16.4051	3.65	8.8719	No	16.4051	3.65	8.8719	No	36270	GLOBAL	Cartesian	30.84243	3.65	10.5135	No	30.84243	3.65	10.5135	No
36269	GLOBAL	Cartesian	17.0449	3.65	9.04755	No	17.0449	3.65	9.04755	No	36272	GLOBAL	Cartesian	30.64728	3.65	10.4178	No	30.64728	3.65	10.4178	No
36281	GLOBAL	Cartesian	16.89129	3.65	9.02686	No	16.89129	3.65	9.02686	No	36273	GLOBAL	Cartesian	30.75209	3.65	10.3242	No	30.75209	3.65	10.3242	No
36282	GLOBAL	Cartesian	16.73769	3.65	9.00637	No	16.73769	3.65	9.00637	No	36274	GLOBAL	Cartesian	30.90923	3.65	10.7248	No	30.90923	3.65	10.7248	No
36283	GLOBAL	Cartesian	16.59409	3.65	8.98578	No	16.59409	3.65	8.98578	No	36275	GLOBAL	Cartesian	30.81489	3.65	10.6347	No	30.81489	3.65	10.6347	No
36284	GLOBAL	Cartesian	16.43049	3.65	8.96519	No	16.43049	3.65	8.96519	No	36276	GLOBAL	Cartesian	30.72055	3.65	10.53613	No	30.72055	3.65	10.53613	No
36285	GLOBAL	Cartesian	16.27689	3.65	8.9448	No	16.27689	3.65	8.9448	No	36277	GLOBAL	Cartesian	30.62621	3.65	10.4418	No	30.62621	3.65	10.4418	No
36286	GLOBAL	Cartesian	16.19744	3.65	8.91398	No	16.19744	3.65	8.91398	No	36278	GLOBAL	Cartesian	30.86086	3.65	10.94489	No	30.86086	3.65	10.94489	No
36287	GLOBAL	Cartesian	16.12008	3.65	8.87089	No	16.12008	3.65	8.87089	No	36279	GLOBAL	Cartesian	30.67326	3.65	10.74959	No	30.67326	3.65	10.74959	No
36288	GLOBAL	Cartesian	16.05338	3.65	8.82903	No	16.05338	3.65	8.82903	No	36280	GLOBAL	Cartesian	30.52523	3.65	10.55936	No	30.52523	3.65	10.55936	No
36289	GLOBAL	Cartesian	16.29422	3.65	9.03668	No	16.29422	3.65	9.03668	No	36281	GLOBAL	Cartesian	30.50034	3.65	10.85034	No	30.50034	3.65	10.85034	No
36290	GLOBAL	Cartesian	16.14887	3.65	9.01301	No	16.14887	3.65	9.01301	No	36282	GLOBAL	Cartesian	30.65249	3.65	10.96459	No	30.65249	3.65	10.96459	No
36301	GLOBAL	Cartesian	16.21019	3.65	9.17866	No	16.21019	3.65	9.17866	No	36283	GLOBAL	Cartesian	30.59882	3.65	10.8687	No	30.59882	3.65	10.8687	No
36302	GLOBAL	Cartesian	15.80223	3.65	9.14882	No	15.80223	3.65	9.14882	No	36284	GLOBAL	Cartesian	30.67814	3.65	10.77881	No	30.67814	3.65	10.77881	No
36303	GLOBAL	Cartesian	16.36707	3.65	9.18843	No	16.36707	3.65	9.18843	No	36285	GLOBAL	Cartesian	30.46714	3.65	10.67982	No	30.46714	3.65	10.67982	No
36304	GLOBAL	Cartesian	16.4646	3.65	9.18843	No	16.4646	3.65	9.18843	No	36286	GLOBAL	Cartesian	30.37447	3.65	10.67892	No	30.37447	3.65	10.67892	No
36305	GLOBAL	Cartesian	16.43177	3.65	9.16167	No	16.43177	3.65	9.16167	No	36287	GLOBAL	Cartesian	30.52412	3.65	11.08448	No	30.52412	3.65	11.08448	No
36306	GLOBAL	Cartesian	16.29466	3.65	9.13482	No	16.29466	3.65	9.13482	No	36288	GLOBAL	Cartesian	30.43228	3.65	10.98782	No	30.43228	3.65	10.98782	No
36307	GLOBAL	Cartesian	16.15756	3.65	9.10817	No	16.15756	3.65	9.10817	No	36289	GLOBAL	Cartesian	30.34044	3.65	10.89115	No	30.34044	3.65	10.89115	No
36308	GLOBAL	Cartesian	16.02045	3.65	9.08141	No	16.02045	3.65	9.08141	No	36290	GLOBAL	Cartesian	30.24648	3.65	10.79448	No	30.24648	3.65	10.79448	No
36309	GLOBAL	Cartesian	16.35835	3.65	9.298	No	16.35835	3.65	9.298	No	36291	GLOBAL	Cartesian	30.34974	3.65	11.0689	No	30.34974	3.65	11.0689	No
36310	GLOBAL	Cartesian	16.27878	3.65	9.22033	No	16.27878	3.65	9.22033	No	36292	GLOBAL	Cartesian	30.21738	3.65	10.8253	No	30.21738	3.65	10.8253	No
36311	GLOBAL	Cartesian	16.14895	3.65	9.20343	No	16.14895	3.65	9.20343	No	36293	GLOBAL	Cartesian	30.32748	3.65	10.90917	No	30.32748	3.65	10.90917	No
36312	GLOBAL	Cartesian	15.97289	3.65	9.39463	No	15.97289	3.65	9.39463	No	36294	GLOBAL	Cartesian	30.126249	3.65	10.00197	No	30.126249	3.65	10.00197	No
36313	GLOBAL	Cartesian	15.74816	3.65	9.35884	No	15.74816	3.65	9.35884	No	36295	GLOBAL	Cartesian	31.35761	3.65	10.12559	No	31.35761	3.65	10.12559	No
36314	GLOBAL	Cartesian	15.63579	3.65	9.32264	No	15.63579	3.65	9.32264	No	36296	GLOBAL	Cartesian	31.32505	3.65	9.78912	No	31.32505	3.65	9.78912	No
36315	GLOBAL	Cartesian	15.62816	3.65	9.28864	No	15.62816	3.65	9.28864	No	36297	GLOBAL	Cartesian	31.35761	3.65	9.94115	No	31.35761	3.65	9.94115	No
36316	GLOBAL	Cartesian	15.59045	3.65	9.26545	No	15.59045	3.65	9.26545	No	36298	GLOBAL	Cartesian	31.38016	3.65	10.09319	No	31.38016	3.65	10.09319	No
36317	GLOBAL	Cartesian	15.51902	3.65	9.51137	No	15.51902	3.65	9.51137	No	36299	GLOBAL	Cartesian	30.98585	3.65	9.83319	No	30.98585	3.65	9.83319	No
36318	GLOBAL	Cartesian	15.81982	3.65	9.47229	No	15.81982	3.65	9.47229	No	36300	GLOBAL	Cartesian	30.98585	3.65	9.75526	No	30.98585	3.65	9.75526	No
36319	GLOBAL	Cartesian	15.71581	3.65	9.43321	No	15.71581	3.65	9.43321	No	36301	GLOBAL	Cartesian	30.98582	3.65	9.67732	No	30.98582	3.65	9.67732	No
36320	GLOBAL	Cartesian	15.61189	3.65	9.38413	No	15.61189	3.65	9.38413	No	36302	GLOBAL	Cartesian	31.31724	3.65	9.59339	No	31.31724	3.65	9.59339	No
36321	GLOBAL	Cartesian	15.50738	3.65	9.35052	No	15.50738	3.65	9.35052	No	36303	GLOBAL	Cartesian	30.8242	3.65	9.69365	No	30.8242	3.65	9.69365	No
36322	GLOBAL	Cartesian	15.78283	3.65	9.52625	No	15.78283	3.65	9.52625	No	36304	GLOBAL	Cartesian	30.6523	3.65	9.85633	No	30.6523	3.65	9.85633	No
36323	GLOBAL	Cartesian	15.68686	3.65	9.5921	No	15.68686	3.65	9.5921	No	36305	GLOBAL	Cartesian	31.08851	3.65	9.56553	No	31.08851	3.65	9.56553	No
36324	GLOBAL	Cartesian	15.57109	3.65	9.50778	No	15.57109	3.65	9.50778	No	36306	GLOBAL	Cartesian	31.21177	3.65	9.50087	No	31.21177	3.65	9.50087	No
36325	GLOBAL	Cartesian	15.47523	3.65	9.46562	No	15.47523	3.65	9.46562	No	36307	GLOBAL	Cartesian	30.68914	3.65	9.55646	No	30.68914	3.65	9.55646	No
36326	GLOBAL	Cartesian	15.37936	3.65	9.42345	No	15.37936	3.65	9.42345	No	36308	GLOBAL	Cartesian	30.83419	3.65	9.5051	No	30.83419	3.65	9.5051	No
36327	GLOBAL	Cartesian	15.8924	3.65	9.71808	No	15.8924	3.65	9.71808	No	36309	GLOBAL	Cartesian	30.97024	3.65	9.45373	No	30.97024	3.65	9.45373	No
36328	GLOBAL	Cartesian	15.60182	3.65	9.61543	No	15.60182	3.65	9.61543	No	36310	GLOBAL	Cartesian	31.10629	3.65	9.40236	No	31.10629	3.65	9.40236	No
36329	GLOBAL	Cartesian	15.514	3.65	9.67284	No	15.514	3.65	9.67284	No	36311	GLOBAL	Cartesian	30.55429	3.65	9.4181	No	30.55429	3.65	9.4181	No
36330	GLOBAL	Cartesian	15.42638	3.65	9.6276	No	15.42638	3.65	9.6276	No	36312	GLOBAL	Cartesian	30.70313	3.65	9.38002	No	30.70313	3.65	9.38002	No
36331	GLOBAL	Cartesian	15.33876	3.65	9.58259	No	15.33876	3.65	9.58259	No	36313	GLOBAL	Cartesian	30.65197	3.65	9.34389	No	30.65197	3.65	9.34389	No
36332	GLOBAL	Cartesian	15.24813	3.65	9.53571	No	15.24813	3.65	9.53571	No	36314	GLOBAL	Cartesian	30.00682	3.65	9.30365	No	30.00682	3.65	9.30365	No
36333	GLOBAL	Cartesian	15.44041	3.65	9.75358	No	15.44041	3.65	9.75358	No	36315	GLOBAL	Cartesian	30.57207	3.65	9.25454	No	30.57207	3.65	9.25454	No
36334	GLOBAL	Cartesian	15.36104	3.65	9.70525	No	15.36104	3.65	9.70525	No	36316	GLOBAL	Cartesian	30.7337	3.65	9.23014	No	30.7337	3.65	9.23014	No
36335	GLOBAL	Cartesian	15.28167	3.65	9.65982	No	15.28167	3.65	9.65982	No	36317	GLOBAL	Cartesian	30.89534	3.65	9.20534	No	30.89534	3.65	9.20534	No
36336	GLOBAL	Cartesian	15.20229	3.65	9.6086	No	15.20229	3.65	9.6086	No	36318	GLOBAL	Cartesian	30.26658	3.65	9.14137	No	30.26658	3.65	9.14137	No
36337	GLOBAL	Cartesian	15.25251	3.65	9.70832	No	15.25251	3.65	9.70832	No	36319	GLOBAL	Cartesian	30.44101	3.65	9.12885	No	30.44101	3.65	9.12885	No
36338	GLOBAL	Cartesian	15.18807	3.65	9.63428	No	15.18807	3.65	9.63428	No	36320	GLOBAL	Cartesian	30.61543	3.65	9.11834	No	30.61543	3.65	9.11834	No
36339	GLOBAL	Cartesian	15.25521	3.65	9.64081	No	15.25521	3.65	9.64081	No	36321	GLOBAL	Cartesian	30.78886	3.65	9.10683	No	30.78886	3.65	9.10683	No
36340	GLOBAL	Cartesian	15.12282	3.65	9.69528	No	15.12282	3.65	9.69528	No	36322	GLOBAL	Cartesian	30.30984	3.65	9.00477	No	30.30984	3.65	9.00477	No
36341	GLOBAL	Cartesian	18.2883	3.65	9.82277	No	18.2883	3.65	9.82277	No	36323	GLOBAL	Cartesian	30.48717	3.65	9.00655	No	30.48717	3.65	9.00655	No
36342	GLOBAL	Cartesian	18.2963	3.65	9.8254	No	18.2963	3.65	9.8254	No	36324	GLOBAL	Cartesian	30.31561	3.65	8.82534	No	30.31561	3.65	8.82534	No
36343	GLOBAL	Cartesian	18.14182	3.65	9.81723	No	18.14182	3.65	9.81723	No	36325	GLOBAL	Cartesian	30.68809	3.65	8.8282	No	30.68809	3.65	8.8282	No
36344	GLOBAL	Cartesian	18.12292	3.65	9.88502	No	18.12292	3.65	9.88502	No	36326	GLOBAL	Cartesian	30.31108	3.65	8.64631	No	30.31108	3.65	8.64631	No
36345	GLOBAL	Cartesian	18.12292	3.65	9.91153	No	18.12292	3.65	9.91153	No	36327	GLOBAL	Cartesian	30.49844	3.65	8.6472	No	30.49844	3.65	8.6472	No
36346	GLOBAL	Cartesian	18.22963	3.65	10.28362	No	18.22963	3.65	10.28362	No	36328	GLOBAL	Cartesian	30.6878	3.65	8.64808	No	30.6878	3.65	8.64808	No
36347																					

[illegible]

36648	GLOBAL	Cartesian	14.17272	3.65	8.01097	No	14.17272	3.65	8.01097	No	36741	GLOBAL	Cartesian	9.86022	3.65	9.34445	No	9.86022	3.65	9.34445	No
36649	GLOBAL	Cartesian	13.96522	3.65	8.00108	No	13.96522	3.65	8.00108	No	36742	GLOBAL	Cartesian	9.62772	3.65	9.42645	No	9.62772	3.65	9.42645	No
36650	GLOBAL	Cartesian	13.79772	3.65	7.99114	No	13.79772	3.65	7.99114	No	36743	GLOBAL	Cartesian	9.67772	3.65	9.32597	No	9.67772	3.65	9.32597	No
36651	GLOBAL	Cartesian	13.61022	3.65	7.98123	No	13.61022	3.65	7.98123	No	36744	GLOBAL	Cartesian	9.45522	3.65	9.40797	No	9.45522	3.65	9.40797	No
36652	GLOBAL	Cartesian	13.42272	3.65	7.97132	No	13.42272	3.65	7.97132	No	36745	GLOBAL	Cartesian	9.45522	3.65	9.30749	No	9.45522	3.65	9.30749	No
36653	GLOBAL	Cartesian	13.25272	3.65	7.9614	No	13.25272	3.65	7.9614	No	36746	GLOBAL	Cartesian	9.29772	3.65	9.48522	No	9.29772	3.65	9.48522	No
36654	GLOBAL	Cartesian	13.04772	3.65	7.95149	No	13.04772	3.65	7.95149	No	36747	GLOBAL	Cartesian	9.29772	3.65	9.38949	No	9.29772	3.65	9.38949	No
36655	GLOBAL	Cartesian	12.86022	3.65	7.94157	No	12.86022	3.65	7.94157	No	36748	GLOBAL	Cartesian	9.1022	3.65	9.289	No	9.1022	3.65	9.289	No
36656	GLOBAL	Cartesian	12.67272	3.65	7.93166	No	12.67272	3.65	7.93166	No	36749	GLOBAL	Cartesian	9.1022	3.65	9.371	No	9.1022	3.65	9.371	No
36657	GLOBAL	Cartesian	12.46522	3.65	7.92174	No	12.46522	3.65	7.92174	No	36750	GLOBAL	Cartesian	11.73522	3.65	9.27052	No	11.73522	3.65	9.27052	No
36658	GLOBAL	Cartesian	12.29772	3.65	7.91183	No	12.29772	3.65	7.91183	No	36751	GLOBAL	Cartesian	11.54772	3.65	9.42681	No	11.54772	3.65	9.42681	No
36659	GLOBAL	Cartesian	12.13022	3.65	7.90192	No	12.13022	3.65	7.90192	No	36752	GLOBAL	Cartesian	11.36022	3.65	9.41033	No	11.36022	3.65	9.41033	No
36660	GLOBAL	Cartesian	11.96522	3.65	7.89200	No	11.96522	3.65	7.89200	No	36753	GLOBAL	Cartesian	11.17272	3.65	9.39738	No	11.17272	3.65	9.39738	No
36661	GLOBAL	Cartesian	14.73382	3.65	7.88178	No	14.73382	3.65	7.88178	No	36754	GLOBAL	Cartesian	11.08522	3.65	9.37338	No	11.08522	3.65	9.37338	No
36662	GLOBAL	Cartesian	14.54622	3.65	7.86142	No	14.54622	3.65	7.86142	No	36755	GLOBAL	Cartesian	10.86522	3.65	9.35487	No	10.86522	3.65	9.35487	No
36663	GLOBAL	Cartesian	14.35883	3.65	7.84107	No	14.35883	3.65	7.84107	No	36756	GLOBAL	Cartesian	10.67272	3.65	9.33639	No	10.67272	3.65	9.33639	No
36664	GLOBAL	Cartesian	14.17143	3.65	7.83073	No	14.17143	3.65	7.83073	No	36757	GLOBAL	Cartesian	10.48522	3.65	9.31791	No	10.48522	3.65	9.31791	No
36665	GLOBAL	Cartesian	13.98404	3.65	7.82038	No	13.98404	3.65	7.82038	No	36758	GLOBAL	Cartesian	10.29942	3.65	9.29942	No	10.29942	3.65	9.29942	No
36666	GLOBAL	Cartesian	13.79655	3.65	7.81004	No	13.79655	3.65	7.81004	No	36759	GLOBAL	Cartesian	10.23522	3.65	9.28094	No	10.23522	3.65	9.28094	No
36667	GLOBAL	Cartesian	13.60926	3.65	7.7997	No	13.60926	3.65	7.7997	No	36760	GLOBAL	Cartesian	10.04772	3.65	9.26245	No	10.04772	3.65	9.26245	No
36668	GLOBAL	Cartesian	13.42186	3.65	7.78936	No	13.42186	3.65	7.78936	No	36761	GLOBAL	Cartesian	9.86022	3.65	9.24397	No	9.86022	3.65	9.24397	No
36669	GLOBAL	Cartesian	13.23447	3.65	7.77902	No	13.23447	3.65	7.77902	No	36762	GLOBAL	Cartesian	9.66772	3.65	9.22548	No	9.66772	3.65	9.22548	No
36670	GLOBAL	Cartesian	13.04708	3.65	7.76867	No	13.04708	3.65	7.76867	No	36763	GLOBAL	Cartesian	9.46522	3.65	9.207	No	9.46522	3.65	9.207	No
36671	GLOBAL	Cartesian	12.86022	3.65	7.75835	No	12.86022	3.65	7.75835	No	36764	GLOBAL	Cartesian	9.26272	3.65	9.18859	No	9.26272	3.65	9.18859	No
36672	GLOBAL	Cartesian	12.67272	3.65	7.74799	No	12.67272	3.65	7.74799	No	36765	GLOBAL	Cartesian	9.06022	3.65	9.17003	No	9.06022	3.65	9.17003	No
36673	GLOBAL	Cartesian	12.48449	3.65	7.73764	No	12.48449	3.65	7.73764	No	36766	GLOBAL	Cartesian	8.85522	3.65	9.26389	No	8.85522	3.65	9.26389	No
36674	GLOBAL	Cartesian	12.29751	3.65	7.7273	No	12.29751	3.65	7.7273	No	36767	GLOBAL	Cartesian	8.65022	3.65	9.24704	No	8.65022	3.65	9.24704	No
36675	GLOBAL	Cartesian	12.11011	3.65	7.71696	No	12.11011	3.65	7.71696	No	36768	GLOBAL	Cartesian	8.44522	3.65	9.2302	No	8.44522	3.65	9.2302	No
36676	GLOBAL	Cartesian	11.92322	3.65	8.43926	No	11.92322	3.65	8.43926	No	36769	GLOBAL	Cartesian	8.2336	3.65	9.21336	No	8.2336	3.65	9.21336	No
36677	GLOBAL	Cartesian	11.73522	3.65	8.25331	No	11.73522	3.65	8.25331	No	36770	GLOBAL	Cartesian	8.0281	3.65	9.19652	No	8.0281	3.65	9.19652	No
36678	GLOBAL	Cartesian	11.54772	3.65	8.43063	No	11.54772	3.65	8.43063	No	36771	GLOBAL	Cartesian	7.81968	3.65	9.17968	No	7.81968	3.65	9.17968	No
36679	GLOBAL	Cartesian	11.36022	3.65	8.24402	No	11.36022	3.65	8.24402	No	36772	GLOBAL	Cartesian	10.61022	3.65	9.16283	No	10.61022	3.65	9.16283	No
36680	GLOBAL	Cartesian	11.17272	3.65	8.24199	No	11.17272	3.65	8.24199	No	36773	GLOBAL	Cartesian	10.42272	3.65	9.14589	No	10.42272	3.65	9.14589	No
36681	GLOBAL	Cartesian	10.98522	3.65	8.23473	No	10.98522	3.65	8.23473	No	36774	GLOBAL	Cartesian	10.23522	3.65	9.12915	No	10.23522	3.65	9.12915	No
36682	GLOBAL	Cartesian	10.79772	3.65	8.21538	No	10.79772	3.65	8.21538	No	36775	GLOBAL	Cartesian	10.04772	3.65	9.11231	No	10.04772	3.65	9.11231	No
36683	GLOBAL	Cartesian	10.61022	3.65	8.19578	No	10.61022	3.65	8.19578	No	36776	GLOBAL	Cartesian	9.86022	3.65	9.09586	No	9.86022	3.65	9.09586	No
36684	GLOBAL	Cartesian	10.42272	3.65	8.17616	No	10.42272	3.65	8.17616	No	36777	GLOBAL	Cartesian	9.67272	3.65	9.07982	No	9.67272	3.65	9.07982	No
36685	GLOBAL	Cartesian	10.23522	3.65	8.1616	No	10.23522	3.65	8.1616	No	36778	GLOBAL	Cartesian	9.48522	3.65	9.06178	No	9.48522	3.65	9.06178	No
36686	GLOBAL	Cartesian	10.04772	3.65	8.3961	No	10.04772	3.65	8.3961	No	36779	GLOBAL	Cartesian	9.29772	3.65	9.04494	No	9.29772	3.65	9.04494	No
36687	GLOBAL	Cartesian	9.86022	3.65	8.20688	No	9.86022	3.65	8.20688	No	36780	GLOBAL	Cartesian	9.11022	3.65	9.0281	No	9.11022	3.65	9.0281	No
36688	GLOBAL	Cartesian	9.67272	3.65	8.38747	No	9.67272	3.65	8.38747	No	36781	GLOBAL	Cartesian	8.9236	3.65	9.00986	No	8.9236	3.65	9.00986	No
36689	GLOBAL	Cartesian	9.48522	3.65	8.19759	No	9.48522	3.65	8.19759	No	36782	GLOBAL	Cartesian	8.73572	3.65	9.0376	No	8.73572	3.65	9.0376	No
36690	GLOBAL	Cartesian	9.29772	3.65	8.37884	No	9.29772	3.65	8.37884	No	36783	GLOBAL	Cartesian	8.54022	3.65	9.06556	No	8.54022	3.65	9.06556	No
36691	GLOBAL	Cartesian	9.11022	3.65	8.18831	No	9.11022	3.65	8.18831	No	36784	GLOBAL	Cartesian	8.34522	3.65	9.05336	No	8.34522	3.65	9.05336	No
36692	GLOBAL	Cartesian	8.9236	3.65	8.37021	No	8.9236	3.65	8.37021	No	36785	GLOBAL	Cartesian	8.15022	3.65	9.03916	No	8.15022	3.65	9.03916	No
36693	GLOBAL	Cartesian	8.73572	3.65	8.1792	No	8.73572	3.65	8.1792	No	36786	GLOBAL	Cartesian	7.95522	3.65	9.02286	No	7.95522	3.65	9.02286	No
36694	GLOBAL	Cartesian	8.54022	3.65	8.16973	No	8.54022	3.65	8.16973	No	36787	GLOBAL	Cartesian	7.76022	3.65	9.00782	No	7.76022	3.65	9.00782	No
36695	GLOBAL	Cartesian	8.35256	3.65	8.16045	No	8.35256	3.65	8.16045	No	36788	GLOBAL	Cartesian	7.56522	3.65	8.99256	No	7.56522	3.65	8.99256	No
36696	GLOBAL	Cartesian	8.16045	3.65	8.15116	No	8.16045	3.65	8.15116	No	36789	GLOBAL	Cartesian	7.37022	3.65	8.97736	No	7.37022	3.65	8.97736	No
36697	GLOBAL	Cartesian	7.97272	3.65	8.34432	No	7.97272	3.65	8.34432	No	36790	GLOBAL	Cartesian	7.17522	3.65	8.96216	No	7.17522	3.65	8.96216	No
36698	GLOBAL	Cartesian	7.78472	3.65	8.15116	No	7.78472	3.65	8.15116	No	36791	GLOBAL	Cartesian	6.98022	3.65	8.94696	No	6.98022	3.65	8.94696	No
36699	GLOBAL	Cartesian	7.59692	3.65	8.33569	No	7.59692	3.65	8.33569	No	36792	GLOBAL	Cartesian	6.78522	3.65	8.93176	No	6.78522	3.65	8.93176	No
36700	GLOBAL	Cartesian	7.40822	3.65	8.14188	No	7.40822	3.65	8.14188	No	36793	GLOBAL	Cartesian	6.59022	3.65	8.91656	No	6.59022	3.65	8.91656	No
36701	GLOBAL	Cartesian	7.21972	3.65	8.32705	No	7.21972	3.65	8.32705	No	36794	GLOBAL	Cartesian	6.39522	3.65	8.90136	No	6.39522	3.65	8.90136	No
36702	GLOBAL	Cartesian	7.03272	3.65	8.13259	No	7.03272	3.65	8.13259	No	36795	GLOBAL	Cartesian	6.20022	3.65	8.88616	No	6.20022	3.65	8.88616	No
36703	GLOBAL	Cartesian	6.84522	3.65	8.31942	No	6.84522	3.65	8.31942	No	36796	GLOBAL	Cartesian	6.00522	3.65	8.87094	No	6.00522	3.65	8.87094	No
36704	GLOBAL	Cartesian	6.65772	3.65	8.10732	No	6.65772	3.65	8.10732	No	36797	GLOBAL	Cartesian	5.81022	3.65	8.85574	No	5.81022	3.65	8.85574	No
36705	GLOBAL	Cartesian	6.47022	3.65	8.29735	No	6.47022	3.65	8.29735	No	36798	GLOBAL	Cartesian	5.61522	3.65	8.84054	No	5.61522	3.65	8.84054	No
36706	GLOBAL	Cartesian	6.28272	3.65	8.08735	No	6.28272	3.65	8.08735	No	36799	GLOBAL	Cartesian	5.42022	3.65	8.82534	No	5.42022	3.65	8.82534	No
36707	GLOBAL	Cartesian	6.09522	3.65	8.04741	No	6.09522	3.65	8.04741	No	36800	GLOBAL	Cartesian	5.22522	3.65	8.81014	No	5.22522	3.65	8.81014	No
36708	GLOBAL	Cartesian	5.90772	3.65	8.117272	No	5.90772	3.65	8.117272	No	36801	GLOBAL	Cartesian	5.03022	3.65	8.79494	No	5.0302			

36834	GLOBAL	Cartesian	10.04772	3.65	8.51172	No	10.04772	3.65	8.51172	36897	GLOBAL	Cartesian	13.04772	3.65	9.44050	No	13.04772	3.65	9.44050
36835	GLOBAL	Cartesian	9.86022	3.65	8.50145	No	9.86022	3.65	8.50145	36898	GLOBAL	Cartesian	12.80022	3.65	9.48146	No	12.80022	3.65	9.48146
36836	GLOBAL	Cartesian	9.86272	3.65	8.49118	No	9.86272	3.65	8.49118	36899	GLOBAL	Cartesian	12.80022	3.65	9.42312	No	12.80022	3.65	9.42312
36837	GLOBAL	Cartesian	9.86522	3.65	8.48083	No	9.86522	3.65	8.48083	36900	GLOBAL	Cartesian	12.80022	3.65	9.46352	No	12.80022	3.65	9.46352
36838	GLOBAL	Cartesian	9.29772	3.65	8.47083	No	9.29772	3.65	8.47083	36901	GLOBAL	Cartesian	12.82772	3.65	9.40581	No	12.82772	3.65	9.40581
36839	GLOBAL	Cartesian	9.11022	3.65	8.46038	No	9.11022	3.65	8.46038	36902	GLOBAL	Cartesian	12.82772	3.65	9.44558	No	12.82772	3.65	9.44558
36840	GLOBAL	Cartesian	11.73522	3.65	7.88141	No	11.73522	3.65	7.88141	36903	GLOBAL	Cartesian	12.85522	3.65	9.38842	No	12.85522	3.65	9.38842
36841	GLOBAL	Cartesian	11.54772	3.65	7.87081	No	11.54772	3.65	7.87081	36904	GLOBAL	Cartesian	12.82772	3.65	9.42765	No	12.82772	3.65	9.42765
36842	GLOBAL	Cartesian	11.36022	3.65	7.86022	No	11.36022	3.65	7.86022	36905	GLOBAL	Cartesian	12.82772	3.65	9.37103	No	12.82772	3.65	9.37103
36843	GLOBAL	Cartesian	11.17272	3.65	7.84962	No	11.17272	3.65	7.84962	36906	GLOBAL	Cartesian	12.11022	3.65	9.40971	No	12.11022	3.65	9.40971
36844	GLOBAL	Cartesian	10.98522	3.65	7.83903	No	10.98522	3.65	7.83903	36907	GLOBAL	Cartesian	12.11022	3.65	9.35364	No	12.11022	3.65	9.35364
36845	GLOBAL	Cartesian	10.79772	3.65	7.82844	No	10.79772	3.65	7.82844	36908	GLOBAL	Cartesian	11.73522	3.65	9.39325	No	11.73522	3.65	9.39325
36846	GLOBAL	Cartesian	10.61022	3.65	7.81784	No	10.61022	3.65	7.81784	36909	GLOBAL	Cartesian	11.73522	3.65	9.37854	No	11.73522	3.65	9.37854
36847	GLOBAL	Cartesian	10.42272	3.65	7.80724	No	10.42272	3.65	7.80724	36910	GLOBAL	Cartesian	11.73522	3.65	9.31866	No	11.73522	3.65	9.31866
36848	GLOBAL	Cartesian	10.23522	3.65	7.79665	No	10.23522	3.65	7.79665	36911	GLOBAL	Cartesian	11.54772	3.65	9.3559	No	11.54772	3.65	9.3559
36849	GLOBAL	Cartesian	10.04772	3.65	7.78605	No	10.04772	3.65	7.78605	36912	GLOBAL	Cartesian	11.54772	3.65	9.30147	No	11.54772	3.65	9.30147
36850	GLOBAL	Cartesian	9.86022	3.65	7.77546	No	9.86022	3.65	7.77546	36913	GLOBAL	Cartesian	11.36022	3.65	9.33796	No	11.36022	3.65	9.33796
36851	GLOBAL	Cartesian	9.67272	3.65	7.76486	No	9.67272	3.65	7.76486	36914	GLOBAL	Cartesian	11.36022	3.65	9.37476	No	11.36022	3.65	9.37476
36852	GLOBAL	Cartesian	9.48522	3.65	7.75427	No	9.48522	3.65	7.75427	36915	GLOBAL	Cartesian	11.36022	3.65	9.24408	No	11.36022	3.65	9.24408
36853	GLOBAL	Cartesian	9.29772	3.65	7.74367	No	9.29772	3.65	7.74367	36916	GLOBAL	Cartesian	11.17272	3.65	9.32003	No	11.17272	3.65	9.32003
36854	GLOBAL	Cartesian	9.11022	3.65	7.73308	No	9.11022	3.65	7.73308	36917	GLOBAL	Cartesian	11.17272	3.65	9.26689	No	11.17272	3.65	9.26689
36855	GLOBAL	Cartesian	8.92272	3.65	7.72250	No	8.92272	3.65	7.72250	36918	GLOBAL	Cartesian	10.98522	3.65	9.30269	No	10.98522	3.65	9.30269
36856	GLOBAL	Cartesian	8.73522	3.65	7.71191	No	8.73522	3.65	7.71191	36919	GLOBAL	Cartesian	10.79772	3.65	9.28415	No	10.79772	3.65	9.28415
36857	GLOBAL	Cartesian	8.54772	3.65	7.70132	No	8.54772	3.65	7.70132	36920	GLOBAL	Cartesian	10.61022	3.65	9.26431	No	10.61022	3.65	9.26431
36858	GLOBAL	Cartesian	8.36022	3.65	7.69073	No	8.36022	3.65	7.69073	36921	GLOBAL	Cartesian	10.42272	3.65	9.24452	No	10.42272	3.65	9.24452
36859	GLOBAL	Cartesian	8.17272	3.65	7.68014	No	8.17272	3.65	7.68014	36922	GLOBAL	Cartesian	10.23522	3.65	9.22468	No	10.23522	3.65	9.22468
36860	GLOBAL	Cartesian	7.98522	3.65	7.66955	No	7.98522	3.65	7.66955	36923	GLOBAL	Cartesian	10.04772	3.65	9.20482	No	10.04772	3.65	9.20482
36861	GLOBAL	Cartesian	7.79772	3.65	7.65896	No	7.79772	3.65	7.65896	36924	GLOBAL	Cartesian	9.86022	3.65	9.18497	No	9.86022	3.65	9.18497
36862	GLOBAL	Cartesian	7.61022	3.65	7.64837	No	7.61022	3.65	7.64837	36925	GLOBAL	Cartesian	9.67272	3.65	9.16512	No	9.67272	3.65	9.16512
36863	GLOBAL	Cartesian	7.42272	3.65	7.63778	No	7.42272	3.65	7.63778	36926	GLOBAL	Cartesian	9.48522	3.65	9.14527	No	9.48522	3.65	9.14527
36864	GLOBAL	Cartesian	7.23522	3.65	7.62719	No	7.23522	3.65	7.62719	36927	GLOBAL	Cartesian	9.29772	3.65	9.12542	No	9.29772	3.65	9.12542
36865	GLOBAL	Cartesian	7.04772	3.65	7.61660	No	7.04772	3.65	7.61660	36928	GLOBAL	Cartesian	9.11022	3.65	9.10557	No	9.11022	3.65	9.10557
36866	GLOBAL	Cartesian	6.86022	3.65	7.60601	No	6.86022	3.65	7.60601	36929	GLOBAL	Cartesian	8.92272	3.65	9.08572	No	8.92272	3.65	9.08572
36867	GLOBAL	Cartesian	6.67272	3.65	7.59542	No	6.67272	3.65	7.59542	36930	GLOBAL	Cartesian	8.73522	3.65	9.06587	No	8.73522	3.65	9.06587
36868	GLOBAL	Cartesian	6.48522	3.65	7.58483	No	6.48522	3.65	7.58483	36931	GLOBAL	Cartesian	8.54772	3.65	9.04602	No	8.54772	3.65	9.04602
36869	GLOBAL	Cartesian	6.29772	3.65	7.57424	No	6.29772	3.65	7.57424	36932	GLOBAL	Cartesian	8.36022	3.65	9.02617	No	8.36022	3.65	9.02617
36870	GLOBAL	Cartesian	6.11022	3.65	7.56365	No	6.11022	3.65	7.56365	36933	GLOBAL	Cartesian	8.17272	3.65	9.00632	No	8.17272	3.65	9.00632
36871	GLOBAL	Cartesian	5.92272	3.65	7.55306	No	5.92272	3.65	7.55306	36934	GLOBAL	Cartesian	7.98522	3.65	8.98647	No	7.98522	3.65	8.98647
36872	GLOBAL	Cartesian	5.73522	3.65	7.54247	No	5.73522	3.65	7.54247	36935	GLOBAL	Cartesian	7.79772	3.65	8.96662	No	7.79772	3.65	8.96662
36873	GLOBAL	Cartesian	5.54772	3.65	7.53188	No	5.54772	3.65	7.53188	36936	GLOBAL	Cartesian	7.61022	3.65	8.94677	No	7.61022	3.65	8.94677
36874	GLOBAL	Cartesian	5.36022	3.65	7.52129	No	5.36022	3.65	7.52129	36937	GLOBAL	Cartesian	7.42272	3.65	8.92692	No	7.42272	3.65	8.92692
36875	GLOBAL	Cartesian	5.17272	3.65	7.51070	No	5.17272	3.65	7.51070	36938	GLOBAL	Cartesian	7.23522	3.65	8.90707	No	7.23522	3.65	8.90707
36876	GLOBAL	Cartesian	4.98522	3.65	7.50011	No	4.98522	3.65	7.50011	36939	GLOBAL	Cartesian	7.04772	3.65	8.88722	No	7.04772	3.65	8.88722
36877	GLOBAL	Cartesian	4.79772	3.65	7.48952	No	4.79772	3.65	7.48952	36940	GLOBAL	Cartesian	6.86022	3.65	8.86737	No	6.86022	3.65	8.86737
36878	GLOBAL	Cartesian	4.61022	3.65	7.47893	No	4.61022	3.65	7.47893	36941	GLOBAL	Cartesian	6.67272	3.65	8.84752	No	6.67272	3.65	8.84752
36879	GLOBAL	Cartesian	4.42272	3.65	7.46834	No	4.42272	3.65	7.46834	36942	GLOBAL	Cartesian	6.48522	3.65	8.82767	No	6.48522	3.65	8.82767
36880	GLOBAL	Cartesian	4.23522	3.65	7.45775	No	4.23522	3.65	7.45775	36943	GLOBAL	Cartesian	6.29772	3.65	8.80782	No	6.29772	3.65	8.80782
36881	GLOBAL	Cartesian	4.04772	3.65	7.44716	No	4.04772	3.65	7.44716	36944	GLOBAL	Cartesian	6.11022	3.65	8.78797	No	6.11022	3.65	8.78797
36882	GLOBAL	Cartesian	3.86022	3.65	7.43657	No	3.86022	3.65	7.43657	36945	GLOBAL	Cartesian	5.92272	3.65	8.76812	No	5.92272	3.65	8.76812
36883	GLOBAL	Cartesian	3.67272	3.65	7.42598	No	3.67272	3.65	7.42598	36946	GLOBAL	Cartesian	5.73522	3.65	8.74827	No	5.73522	3.65	8.74827
36884	GLOBAL	Cartesian	3.48522	3.65	7.41539	No	3.48522	3.65	7.41539	36947	GLOBAL	Cartesian	5.54772	3.65	8.72842	No	5.54772	3.65	8.72842
36885	GLOBAL	Cartesian	3.29772	3.65	7.40480	No	3.29772	3.65	7.40480	36948	GLOBAL	Cartesian	5.36022	3.65	8.70857	No	5.36022	3.65	8.70857
36886	GLOBAL	Cartesian	3.11022	3.65	7.39421	No	3.11022	3.65	7.39421	36949	GLOBAL	Cartesian	5.17272	3.65	8.68872	No	5.17272	3.65	8.68872
36887	GLOBAL	Cartesian	2.92272	3.65	7.38362	No	2.92272	3.65	7.38362	36950	GLOBAL	Cartesian	4.98522	3.65	8.66887	No	4.98522	3.65	8.66887
36888	GLOBAL	Cartesian	2.73522	3.65	7.37303	No	2.73522	3.65	7.37303	36951	GLOBAL	Cartesian	4.79772	3.65	8.64902	No	4.79772	3.65	8.64902
36889	GLOBAL	Cartesian	2.54772	3.65	7.36244	No	2.54772	3.65	7.36244	36952	GLOBAL	Cartesian	4.61022	3.65	8.62917	No	4.61022	3.65	8.62917
36890	GLOBAL	Cartesian	2.36022	3.65	7.35185	No	2.36022	3.65	7.35185	36953	GLOBAL	Cartesian	4.42272	3.65	8.60932	No	4.42272	3.65	8.60932
36891	GLOBAL	Cartesian	2.17272	3.65	7.34126	No	2.17272	3.65	7.34126	36954	GLOBAL	Cartesian	4.23522	3.65	8.58947	No	4.23522	3.65	8.58947
36892	GLOBAL	Cartesian	1.98522	3.65	7.33067	No	1.98522	3.65	7.33067	36955	GLOBAL	Cartesian	4.04772	3.65	8.56962	No	4.04772	3.65	8.56962
36893	GLOBAL	Cartesian	1.79772	3.65	7.32008	No	1.79772	3.65	7.32008	36956	GLOBAL	Cartesian	3.86022	3.65	8.54977	No	3.86022	3.65	8.54977
36894	GLOBAL	Cartesian	1.61022	3.65	7.30949	No	1.61022	3.65	7.30949	36957	GLOBAL	Cartesian	3.67272	3.65	8.52992	No	3.67272	3.65	8.52992
36895	GLOBAL	Cartesian	1.42272	3.65	7.29890	No	1.42272	3.65	7.29890	36958	GLOBAL	Cartesian	3.48522	3.65	8.51007	No	3.48522	3.65	8.51007
36896	GLOBAL	Cartesian	1.23522	3.65	7.28831	No	1.23522	3.65	7.28831	36959	GLOBAL	Cartesian	3.29772	3.65	8.49022	No	3.29772	3.65	8.49022
36897	GLOBAL	Cartesian	1.04772	3.65	7.27772	No	1.04772	3.65	7.27772	36960	GLOBAL	Cartesian	3.						

37020	GLOBAL	Cartesian	28.23701	3.45	11.25656	No	28.23701	3.45	11.25656	No	37113	GLOBAL	Cartesian	20.82235	3.55	10.52643	No	20.82235	3.55	10.52643	No
37021	GLOBAL	Cartesian	28.05129	3.45	11.23203	No	28.05129	3.45	11.23203	No	37114	GLOBAL	Cartesian	20.82235	3.45	10.52643	No	20.82235	3.45	10.52643	No
37022	GLOBAL	Cartesian	28.05129	3.45	11.23203	No	28.05129	3.45	11.23203	No	37115	GLOBAL	Cartesian	20.72238	3.55	10.51575	No	20.72238	3.55	10.51575	No
37023	GLOBAL	Cartesian	27.86558	3.55	11.21965	No	27.86558	3.55	11.21965	No	37116	GLOBAL	Cartesian	20.72238	3.45	10.51575	No	20.72238	3.45	10.51575	No
37024	GLOBAL	Cartesian	27.86558	3.45	11.21965	No	27.86558	3.45	11.21965	No	37117	GLOBAL	Cartesian	20.53671	3.55	10.49745	No	20.53671	3.55	10.49745	No
37025	GLOBAL	Cartesian	27.67986	3.55	11.20164	No	27.67986	3.55	11.20164	No	37118	GLOBAL	Cartesian	20.53671	3.45	10.49745	No	20.53671	3.45	10.49745	No
37026	GLOBAL	Cartesian	27.67986	3.45	11.20164	No	27.67986	3.45	11.20164	No	37119	GLOBAL	Cartesian	20.35103	3.55	10.47915	No	20.35103	3.55	10.47915	No
37027	GLOBAL	Cartesian	27.49415	3.55	11.18333	No	27.49415	3.55	11.18333	No	37120	GLOBAL	Cartesian	20.35103	3.45	10.47915	No	20.35103	3.45	10.47915	No
37028	GLOBAL	Cartesian	27.49415	3.45	11.18333	No	27.49415	3.45	11.18333	No	37121	GLOBAL	Cartesian	20.16536	3.55	10.46094	No	20.16536	3.55	10.46094	No
37029	GLOBAL	Cartesian	27.30844	3.55	11.16502	No	27.30844	3.55	11.16502	No	37122	GLOBAL	Cartesian	20.16536	3.45	10.46094	No	20.16536	3.45	10.46094	No
37030	GLOBAL	Cartesian	27.30844	3.45	11.16502	No	27.30844	3.45	11.16502	No	37123	GLOBAL	Cartesian	19.97988	3.55	10.44254	No	19.97988	3.55	10.44254	No
37031	GLOBAL	Cartesian	27.12158	3.55	11.15587	No	27.12158	3.55	11.15587	No	37124	GLOBAL	Cartesian	19.97988	3.45	10.44254	No	19.97988	3.45	10.44254	No
37032	GLOBAL	Cartesian	27.12158	3.45	11.15587	No	27.12158	3.45	11.15587	No	37125	GLOBAL	Cartesian	19.794	3.55	10.42423	No	19.794	3.55	10.42423	No
37033	GLOBAL	Cartesian	27.12158	3.55	11.15587	No	27.12158	3.55	11.15587	No	37126	GLOBAL	Cartesian	19.794	3.45	10.42423	No	19.794	3.45	10.42423	No
37034	GLOBAL	Cartesian	27.12158	3.45	11.15587	No	27.12158	3.45	11.15587	No	37127	GLOBAL	Cartesian	19.60833	3.55	10.40593	No	19.60833	3.55	10.40593	No
37035	GLOBAL	Cartesian	27.02272	3.55	11.13865	No	27.02272	3.55	11.13865	No	37128	GLOBAL	Cartesian	19.60833	3.45	10.40593	No	19.60833	3.45	10.40593	No
37036	GLOBAL	Cartesian	27.02272	3.45	11.13865	No	27.02272	3.45	11.13865	No	37129	GLOBAL	Cartesian	19.42655	3.55	10.38762	No	19.42655	3.55	10.38762	No
37037	GLOBAL	Cartesian	26.92272	3.55	11.127	No	26.92272	3.55	11.127	No	37130	GLOBAL	Cartesian	19.42655	3.45	10.38762	No	19.42655	3.45	10.38762	No
37038	GLOBAL	Cartesian	26.92272	3.45	11.127	No	26.92272	3.45	11.127	No	37131	GLOBAL	Cartesian	19.23698	3.55	10.36932	No	19.23698	3.55	10.36932	No
37039	GLOBAL	Cartesian	26.92272	3.55	11.11714	No	26.92272	3.55	11.11714	No	37132	GLOBAL	Cartesian	19.23698	3.45	10.36932	No	19.23698	3.45	10.36932	No
37040	GLOBAL	Cartesian	26.92272	3.45	11.11714	No	26.92272	3.45	11.11714	No	37133	GLOBAL	Cartesian	19.0513	3.55	10.35102	No	19.0513	3.55	10.35102	No
37041	GLOBAL	Cartesian	26.72272	3.55	11.07028	No	26.72272	3.55	11.07028	No	37134	GLOBAL	Cartesian	19.0513	3.45	10.35102	No	19.0513	3.45	10.35102	No
37042	GLOBAL	Cartesian	26.72272	3.45	11.07028	No	26.72272	3.45	11.07028	No	37135	GLOBAL	Cartesian	18.86682	3.55	10.33271	No	18.86682	3.55	10.33271	No
37043	GLOBAL	Cartesian	26.53701	3.55	11.08987	No	26.53701	3.55	11.08987	No	37136	GLOBAL	Cartesian	18.86682	3.45	10.33271	No	18.86682	3.45	10.33271	No
37044	GLOBAL	Cartesian	26.53701	3.45	11.08987	No	26.53701	3.45	11.08987	No	37137	GLOBAL	Cartesian	18.67965	3.55	10.31441	No	18.67965	3.55	10.31441	No
37045	GLOBAL	Cartesian	26.35129	3.55	11.07066	No	26.35129	3.55	11.07066	No	37138	GLOBAL	Cartesian	18.67965	3.45	10.31441	No	18.67965	3.45	10.31441	No
37046	GLOBAL	Cartesian	26.35129	3.45	11.07066	No	26.35129	3.45	11.07066	No	37139	GLOBAL	Cartesian	18.49427	3.55	10.2961	No	18.49427	3.55	10.2961	No
37047	GLOBAL	Cartesian	26.16558	3.55	11.05238	No	26.16558	3.55	11.05238	No	37140	GLOBAL	Cartesian	18.49427	3.45	10.2961	No	18.49427	3.45	10.2961	No
37048	GLOBAL	Cartesian	26.16558	3.45	11.05238	No	26.16558	3.45	11.05238	No	37141	GLOBAL	Cartesian	18.49427	3.55	10.28695	No	18.49427	3.55	10.28695	No
37049	GLOBAL	Cartesian	25.97986	3.55	11.03405	No	25.97986	3.55	11.03405	No	37142	GLOBAL	Cartesian	18.49427	3.45	10.28695	No	18.49427	3.45	10.28695	No
37050	GLOBAL	Cartesian	25.97986	3.45	11.03405	No	25.97986	3.45	11.03405	No	37143	GLOBAL	Cartesian	18.3086	3.55	10.2778	No	18.3086	3.55	10.2778	No
37051	GLOBAL	Cartesian	25.79415	3.55	11.01574	No	25.79415	3.55	11.01574	No	37144	GLOBAL	Cartesian	18.3086	3.45	10.2778	No	18.3086	3.45	10.2778	No
37052	GLOBAL	Cartesian	25.79415	3.45	11.01574	No	25.79415	3.45	11.01574	No	37145	GLOBAL	Cartesian	18.12262	3.55	10.25949	No	18.12262	3.55	10.25949	No
37053	GLOBAL	Cartesian	25.60844	3.55	10.99743	No	25.60844	3.55	10.99743	No	37146	GLOBAL	Cartesian	18.12262	3.45	10.25949	No	18.12262	3.45	10.25949	No
37054	GLOBAL	Cartesian	25.42272	3.55	10.97912	No	25.42272	3.55	10.97912	No	37147	GLOBAL	Cartesian	18.02282	3.55	10.24083	No	18.02282	3.55	10.24083	No
37055	GLOBAL	Cartesian	25.42272	3.45	10.97912	No	25.42272	3.45	10.97912	No	37148	GLOBAL	Cartesian	18.02282	3.45	10.24083	No	18.02282	3.45	10.24083	No
37056	GLOBAL	Cartesian	25.23701	3.55	10.96082	No	25.23701	3.55	10.96082	No	37149	GLOBAL	Cartesian	17.82272	3.55	10.23976	No	17.82272	3.55	10.23976	No
37057	GLOBAL	Cartesian	25.23701	3.45	10.96082	No	25.23701	3.45	10.96082	No	37150	GLOBAL	Cartesian	17.82272	3.45	10.23976	No	17.82272	3.45	10.23976	No
37058	GLOBAL	Cartesian	25.05129	3.55	10.94251	No	25.05129	3.55	10.94251	No	37151	GLOBAL	Cartesian	17.82272	3.55	10.2299	No	17.82272	3.55	10.2299	No
37059	GLOBAL	Cartesian	25.05129	3.45	10.94251	No	25.05129	3.45	10.94251	No	37152	GLOBAL	Cartesian	17.82272	3.45	10.2299	No	17.82272	3.45	10.2299	No
37060	GLOBAL	Cartesian	24.86558	3.55	10.9242	No	24.86558	3.55	10.9242	No	37153	GLOBAL	Cartesian	17.72272	3.55	10.22004	No	17.72272	3.55	10.22004	No
37061	GLOBAL	Cartesian	24.86558	3.45	10.9242	No	24.86558	3.45	10.9242	No	37154	GLOBAL	Cartesian	17.72272	3.45	10.22004	No	17.72272	3.45	10.22004	No
37062	GLOBAL	Cartesian	24.86558	3.55	10.9242	No	24.86558	3.55	10.9242	No	37155	GLOBAL	Cartesian	17.53702	3.55	10.20173	No	17.53702	3.55	10.20173	No
37063	GLOBAL	Cartesian	24.67986	3.55	10.90589	No	24.67986	3.55	10.90589	No	37156	GLOBAL	Cartesian	17.53702	3.45	10.20173	No	17.53702	3.45	10.20173	No
37064	GLOBAL	Cartesian	24.67986	3.45	10.90589	No	24.67986	3.45	10.90589	No	37157	GLOBAL	Cartesian	17.35132	3.55	10.18343	No	17.35132	3.55	10.18343	No
37065	GLOBAL	Cartesian	24.49415	3.55	10.88738	No	24.49415	3.55	10.88738	No	37158	GLOBAL	Cartesian	17.35132	3.45	10.18343	No	17.35132	3.45	10.18343	No
37066	GLOBAL	Cartesian	24.30844	3.55	10.86927	No	24.30844	3.55	10.86927	No	37159	GLOBAL	Cartesian	17.16562	3.55	10.16512	No	17.16562	3.55	10.16512	No
37067	GLOBAL	Cartesian	24.30844	3.45	10.86927	No	24.30844	3.45	10.86927	No	37160	GLOBAL	Cartesian	17.16562	3.45	10.16512	No	17.16562	3.45	10.16512	No
37068	GLOBAL	Cartesian	24.21558	3.55	10.86012	No	24.21558	3.55	10.86012	No	37161	GLOBAL	Cartesian	16.97982	3.55	10.14681	No	16.97982	3.55	10.14681	No
37069	GLOBAL	Cartesian	24.21558	3.45	10.86012	No	24.21558	3.45	10.86012	No	37162	GLOBAL	Cartesian	16.97982	3.45	10.14681	No	16.97982	3.45	10.14681	No
37070	GLOBAL	Cartesian	24.12772	3.55	10.85097	No	24.12772	3.55	10.85097	No	37163	GLOBAL	Cartesian	16.79422	3.55	10.12851	No	16.79422	3.55	10.12851	No
37071	GLOBAL	Cartesian	24.12772	3.45	10.85097	No	24.12772	3.45	10.85097	No	37164	GLOBAL	Cartesian	16.79422	3.45	10.12851	No	16.79422	3.45	10.12851	No
37072	GLOBAL	Cartesian	24.12772	3.55	10.84111	No	24.12772	3.55	10.84111	No	37165	GLOBAL	Cartesian	16.60952	3.55	10.1102	No	16.60952	3.55	10.1102	No
37073	GLOBAL	Cartesian	24.02272	3.45	10.84111	No	24.02272	3.45	10.84111	No	37166	GLOBAL	Cartesian	16.60952	3.45	10.1102	No	16.60952	3.45	10.1102	No
37074	GLOBAL	Cartesian	23.82272	3.55	10.83126	No	23.82272	3.55	10.83126	No	37167	GLOBAL	Cartesian	16.42262	3.55	10.09189	No	16.42262	3.55	10.09189	No
37075	GLOBAL	Cartesian	23.82272	3.45	10.83126	No	23.82272	3.45	10.83126	No	37168	GLOBAL	Cartesian	16.42262	3.45	10.09189	No	16.42262	3.45	10.09189	No
37076	GLOBAL	Cartesian	23.63701	3.55	10.82134	No	23.63701	3.55	10.82134	No	37169	GLOBAL	Cartesian	16.23712	3.55	10.07359	No	16.23712	3.55	10.07359	No
37077	GLOBAL	Cartesian	23.63701	3.45	10.82134	No	23.63701	3.45	10.82134	No	37170	GLOBAL	Cartesian	16.23712	3.45	10.07359	No	16.23712	3.45	10.07359	No
37078	GLOBAL	Cartesian	23.42272	3.55	10.81143	No	23.42272	3.55	10.81143	No	37171	GLOBAL	Cartesian	16.05142	3.55	10.05528	No	16.05142	3.55	10.05528	No
37079	GLOBAL																				

37298	GLOBAL	Cartesian	13.94772	3.45	9.75917	No	13.04772	3.45	9.75917	No	37299	GLOBAL	Cartesian	27.69415	3.75	11.48333	No	27.69415	3.75	11.48333	No
37297	GLOBAL	Cartesian	12.86022	3.55	9.74069	No	12.86022	3.55	9.74069	No	37300	GLOBAL	Cartesian	27.69415	3.65	11.48333	No	27.69415	3.65	11.48333	No
37298	GLOBAL	Cartesian	12.86022	3.45	9.74069	No	12.86022	3.45	9.74069	No	37301	GLOBAL	Cartesian	27.29844	3.75	11.16502	No	27.29844	3.75	11.16502	No
37299	GLOBAL	Cartesian	12.87272	3.55	9.7222	No	12.87272	3.55	9.7222	No	37302	GLOBAL	Cartesian	27.29844	3.65	11.16502	No	27.29844	3.65	11.16502	No
37300	GLOBAL	Cartesian	12.87272	3.45	9.7222	No	12.87272	3.45	9.7222	No	37303	GLOBAL	Cartesian	27.21558	3.75	11.15587	No	27.21558	3.75	11.15587	No
37301	GLOBAL	Cartesian	12.8522	3.55	9.70372	No	12.8522	3.55	9.70372	No	37304	GLOBAL	Cartesian	27.21558	3.65	11.15587	No	27.21558	3.65	11.15587	No
37302	GLOBAL	Cartesian	12.8522	3.45	9.70372	No	12.8522	3.45	9.70372	No	37305	GLOBAL	Cartesian	27.12272	3.75	11.14671	No	27.12272	3.75	11.14671	No
37303	GLOBAL	Cartesian	12.87272	3.55	9.68523	No	12.87272	3.55	9.68523	No	37306	GLOBAL	Cartesian	27.12272	3.65	11.14671	No	27.12272	3.65	11.14671	No
37304	GLOBAL	Cartesian	12.87272	3.45	9.68523	No	12.87272	3.45	9.68523	No	37307	GLOBAL	Cartesian	27.02272	3.75	11.13865	No	27.02272	3.75	11.13865	No
37305	GLOBAL	Cartesian	12.1022	3.55	9.66975	No	12.1022	3.55	9.66975	No	37308	GLOBAL	Cartesian	26.82272	3.65	11.13865	No	26.82272	3.65	11.13865	No
37306	GLOBAL	Cartesian	12.1022	3.45	9.66975	No	12.1022	3.45	9.66975	No	37309	GLOBAL	Cartesian	26.82272	3.75	11.127	No	26.82272	3.75	11.127	No
37307	GLOBAL	Cartesian	11.92272	3.55	9.64828	No	11.92272	3.55	9.64828	No	37310	GLOBAL	Cartesian	26.82272	3.65	11.11714	No	26.82272	3.65	11.11714	No
37308	GLOBAL	Cartesian	11.92272	3.45	9.64828	No	11.92272	3.45	9.64828	No	37311	GLOBAL	Cartesian	26.82272	3.75	11.11714	No	26.82272	3.75	11.11714	No
37309	GLOBAL	Cartesian	11.73522	3.55	9.62978	No	11.73522	3.55	9.62978	No	37312	GLOBAL	Cartesian	26.82272	3.65	11.10728	No	26.82272	3.65	11.10728	No
37310	GLOBAL	Cartesian	11.73522	3.45	9.62978	No	11.73522	3.45	9.62978	No	37313	GLOBAL	Cartesian	26.22272	3.75	11.10728	No	26.22272	3.75	11.10728	No
37311	GLOBAL	Cartesian	11.54772	3.55	9.6113	No	11.54772	3.55	9.6113	No	37314	GLOBAL	Cartesian	26.22272	3.65	11.08897	No	26.22272	3.65	11.08897	No
37312	GLOBAL	Cartesian	11.54772	3.45	9.6113	No	11.54772	3.45	9.6113	No	37315	GLOBAL	Cartesian	26.53701	3.75	11.08897	No	26.53701	3.75	11.08897	No
37322	GLOBAL	Cartesian	11.36022	3.55	9.59281	No	11.36022	3.55	9.59281	No	37316	GLOBAL	Cartesian	26.53701	3.65	11.08897	No	26.53701	3.65	11.08897	No
37323	GLOBAL	Cartesian	11.36022	3.45	9.59281	No	11.36022	3.45	9.59281	No	37317	GLOBAL	Cartesian	26.35129	3.75	11.07066	No	26.35129	3.75	11.07066	No
37324	GLOBAL	Cartesian	11.17272	3.55	9.57433	No	11.17272	3.55	9.57433	No	37318	GLOBAL	Cartesian	26.35129	3.65	11.07066	No	26.35129	3.65	11.07066	No
37325	GLOBAL	Cartesian	11.17272	3.45	9.57433	No	11.17272	3.45	9.57433	No	37319	GLOBAL	Cartesian	26.16588	3.75	11.05238	No	26.16588	3.75	11.05238	No
37326	GLOBAL	Cartesian	10.8522	3.55	9.55584	No	10.8522	3.55	9.55584	No	37320	GLOBAL	Cartesian	26.16588	3.65	11.05238	No	26.16588	3.65	11.05238	No
37327	GLOBAL	Cartesian	10.8522	3.45	9.55584	No	10.8522	3.45	9.55584	No	37321	GLOBAL	Cartesian	26.16588	3.75	11.04065	No	26.16588	3.75	11.04065	No
37328	GLOBAL	Cartesian	10.79772	3.55	9.53738	No	10.79772	3.55	9.53738	No	37322	GLOBAL	Cartesian	25.79415	3.65	11.01574	No	25.79415	3.65	11.01574	No
37329	GLOBAL	Cartesian	10.79772	3.45	9.53738	No	10.79772	3.45	9.53738	No	37323	GLOBAL	Cartesian	25.79415	3.75	11.01574	No	25.79415	3.75	11.01574	No
37330	GLOBAL	Cartesian	10.61022	3.55	9.51888	No	10.61022	3.55	9.51888	No	37324	GLOBAL	Cartesian	25.79415	3.65	11.01574	No	25.79415	3.65	11.01574	No
37331	GLOBAL	Cartesian	10.61022	3.45	9.51888	No	10.61022	3.45	9.51888	No	37325	GLOBAL	Cartesian	25.60944	3.75	10.99743	No	25.60944	3.75	10.99743	No
37332	GLOBAL	Cartesian	10.42272	3.55	9.50039	No	10.42272	3.55	9.50039	No	37326	GLOBAL	Cartesian	25.60944	3.65	10.99743	No	25.60944	3.65	10.99743	No
37333	GLOBAL	Cartesian	10.42272	3.45	9.50039	No	10.42272	3.45	9.50039	No	37327	GLOBAL	Cartesian	25.42272	3.75	10.97912	No	25.42272	3.75	10.97912	No
37334	GLOBAL	Cartesian	10.2552	3.55	9.48191	No	10.2552	3.55	9.48191	No	37328	GLOBAL	Cartesian	25.42272	3.65	10.97912	No	25.42272	3.65	10.97912	No
37335	GLOBAL	Cartesian	10.2552	3.45	9.48191	No	10.2552	3.45	9.48191	No	37329	GLOBAL	Cartesian	25.23701	3.75	10.96082	No	25.23701	3.75	10.96082	No
37336	GLOBAL	Cartesian	10.04772	3.55	9.46342	No	10.04772	3.55	9.46342	No	37330	GLOBAL	Cartesian	25.23701	3.65	10.96082	No	25.23701	3.65	10.96082	No
37337	GLOBAL	Cartesian	10.04772	3.45	9.46342	No	10.04772	3.45	9.46342	No	37331	GLOBAL	Cartesian	25.05129	3.75	10.94251	No	25.05129	3.75	10.94251	No
37338	GLOBAL	Cartesian	9.86022	3.55	9.44484	No	9.86022	3.55	9.44484	No	37332	GLOBAL	Cartesian	25.05129	3.65	10.94251	No	25.05129	3.65	10.94251	No
37339	GLOBAL	Cartesian	9.86022	3.45	9.44484	No	9.86022	3.45	9.44484	No	37333	GLOBAL	Cartesian	24.86588	3.75	10.9242	No	24.86588	3.75	10.9242	No
37340	GLOBAL	Cartesian	9.62772	3.55	9.42654	No	9.62772	3.55	9.42654	No	37334	GLOBAL	Cartesian	24.86588	3.65	10.9242	No	24.86588	3.65	10.9242	No
37341	GLOBAL	Cartesian	9.62772	3.45	9.42654	No	9.62772	3.45	9.42654	No	37335	GLOBAL	Cartesian	24.67986	3.75	10.90589	No	24.67986	3.75	10.90589	No
37342	GLOBAL	Cartesian	9.4522	3.55	9.40797	No	9.4522	3.55	9.40797	No	37336	GLOBAL	Cartesian	24.67986	3.65	10.90589	No	24.67986	3.65	10.90589	No
37343	GLOBAL	Cartesian	9.4522	3.45	9.40797	No	9.4522	3.45	9.40797	No	37337	GLOBAL	Cartesian	24.49415	3.75	10.88758	No	24.49415	3.75	10.88758	No
37344	GLOBAL	Cartesian	9.29772	3.55	9.38949	No	9.29772	3.55	9.38949	No	37338	GLOBAL	Cartesian	24.49415	3.65	10.88758	No	24.49415	3.65	10.88758	No
37345	GLOBAL	Cartesian	9.29772	3.45	9.38949	No	9.29772	3.45	9.38949	No	37339	GLOBAL	Cartesian	24.30844	3.75	10.86927	No	24.30844	3.75	10.86927	No
37346	GLOBAL	Cartesian	9.11022	3.55	9.371	No	9.11022	3.55	9.371	No	37340	GLOBAL	Cartesian	24.30844	3.65	10.86927	No	24.30844	3.65	10.86927	No
37347	GLOBAL	Cartesian	9.11022	3.45	9.371	No	9.11022	3.45	9.371	No	37341	GLOBAL	Cartesian	24.21558	3.75	10.86012	No	24.21558	3.75	10.86012	No
37348	GLOBAL	Cartesian	8.11022	3.55	9.35252	No	8.11022	3.55	9.35252	No	37342	GLOBAL	Cartesian	24.21558	3.65	10.86012	No	24.21558	3.65	10.86012	No
37349	GLOBAL	Cartesian	8.11022	3.45	9.35252	No	8.11022	3.45	9.35252	No	37343	GLOBAL	Cartesian	24.12772	3.75	10.85077	No	24.12772	3.75	10.85077	No
37350	GLOBAL	Cartesian	8.11022	3.55	9.33201	No	8.11022	3.55	9.33201	No	37344	GLOBAL	Cartesian	24.12772	3.65	10.85077	No	24.12772	3.65	10.85077	No
37351	GLOBAL	Cartesian	3.155231	3.85	11.55231	No	3.155231	3.85	11.55231	No	37345	GLOBAL	Cartesian	24.02272	3.75	10.84111	No	24.02272	3.75	10.84111	No
37352	GLOBAL	Cartesian	3.155231	3.75	11.534	No	3.155231	3.75	11.534	No	37346	GLOBAL	Cartesian	24.02272	3.65	10.84111	No	24.02272	3.65	10.84111	No
37353	GLOBAL	Cartesian	3.155231	3.85	11.534	No	3.155231	3.85	11.534	No	37347	GLOBAL	Cartesian	23.92272	3.75	10.83125	No	23.92272	3.75	10.83125	No
37354	GLOBAL	Cartesian	3.155231	3.75	11.534	No	3.155231	3.75	11.534	No	37348	GLOBAL	Cartesian	23.92272	3.65	10.83125	No	23.92272	3.65	10.83125	No
37355	GLOBAL	Cartesian	3.155231	3.85	11.51569	No	3.155231	3.85	11.51569	No	37349	GLOBAL	Cartesian	23.92272	3.75	10.82134	No	23.92272	3.75	10.82134	No
37356	GLOBAL	Cartesian	3.155231	3.75	11.51569	No	3.155231	3.75	11.51569	No	37350	GLOBAL	Cartesian	23.82272	3.65	10.82134	No	23.82272	3.65	10.82134	No
37357	GLOBAL	Cartesian	3.155231	3.85	11.49738	No	3.155231	3.85	11.49738	No	37351	GLOBAL	Cartesian	23.82272	3.75	10.81143	No	23.82272	3.75	10.81143	No
37358	GLOBAL	Cartesian	3.155231	3.75	11.49738	No	3.155231	3.75	11.49738	No	37352	GLOBAL	Cartesian	23.72163	3.65	10.81143	No	23.72163	3.65	10.81143	No
37359	GLOBAL	Cartesian	3.155231	3.85	11.47908	No	3.155231	3.85	11.47908	No	37353	GLOBAL	Cartesian	23.5801	3.75	10.79313	No	23.5801	3.75	10.79313	No
37360	GLOBAL	Cartesian	3.155231	3.75	11.47908	No	3.155231	3.75	11.47908	No	37354	GLOBAL	Cartesian	23.5801	3.65	10.79313	No	23.5801	3.65	10.79313	No
37361	GLOBAL	Cartesian	3.155231	3.85	11.46071	No	3.155231	3.85	11.46071	No	37355	GLOBAL	Cartesian	23.3538	3.75	10.77483	No	23.3538	3.75	10.77483	No
37362	GLOBAL	Cartesian	3.155231	3.75	11.46071	No	3.155231	3.75	11.46071	No	37356	GLOBAL	Cartesian	23.3538	3.65	10.77483	No	23.3538	3.65	10.77483	No
37363	GLOBAL	Cartesian	3.155231	3.85	11.45161	No	3.155231	3.85	11.45161	No	37357	GLOBAL	Cartesian	23.16476	3.75	10.75653	No	23.16476	3.75	10.75653	No
37364	GLOBAL	Cartesian	3.155231	3.75	11.45161	No	3.155231	3.75													

37302	GLOBAL	Cartesian	20.35103	3.85	10.47015	No	20.35103	3.85	10.47015		GLOBAL	Cartesian	12.29772	3.75	9.85823	No	12.29772	3.75	9.85823	
37304	GLOBAL	Cartesian	20.16536	3.75	10.46094	No	20.16536	3.75	10.46094		GLOBAL	Cartesian	12.29772	3.85	9.85823	No	12.29772	3.85	9.85823	
37306	GLOBAL	Cartesian	19.97968	3.85	10.44254	No	19.97968	3.85	10.44254		GLOBAL	Cartesian	12.11022	3.75	9.66675	No	12.11022	3.75	9.66675	
37308	GLOBAL	Cartesian	19.79768	3.85	10.44254	No	19.79768	3.85	10.44254		GLOBAL	Cartesian	12.11022	3.85	9.66675	No	12.11022	3.85	9.66675	
37309	GLOBAL	Cartesian	19.794	3.75	10.42423	No	19.794	3.75	10.42423		GLOBAL	Cartesian	11.92272	3.75	9.64826	No	11.92272	3.75	9.64826	
37310	GLOBAL	Cartesian	19.794	3.85	10.42423	No	19.794	3.85	10.42423		GLOBAL	Cartesian	11.92272	3.85	9.64826	No	11.92272	3.85	9.64826	
37311	GLOBAL	Cartesian	18.97968	3.75	10.40593	No	18.97968	3.75	10.40593		GLOBAL	Cartesian	11.73522	3.75	9.62978	No	11.73522	3.75	9.62978	
37312	GLOBAL	Cartesian	18.97968	3.85	10.40593	No	18.97968	3.85	10.40593		GLOBAL	Cartesian	11.73522	3.85	9.62978	No	11.73522	3.85	9.62978	
37313	GLOBAL	Cartesian	18.49427	3.85	10.38762	No	18.49427	3.85	10.38762		GLOBAL	Cartesian	11.54772	3.75	9.6113	No	11.54772	3.75	9.6113	
37314	GLOBAL	Cartesian	18.49427	3.75	10.38762	No	18.49427	3.75	10.38762		GLOBAL	Cartesian	11.54772	3.85	9.6113	No	11.54772	3.85	9.6113	
37315	GLOBAL	Cartesian	18.3086	3.85	10.36102	No	18.3086	3.85	10.36102		GLOBAL	Cartesian	11.37272	3.75	9.57433	No	11.37272	3.75	9.57433	
37316	GLOBAL	Cartesian	18.3086	3.75	10.36102	No	18.3086	3.75	10.36102		GLOBAL	Cartesian	11.37272	3.85	9.57433	No	11.37272	3.85	9.57433	
37317	GLOBAL	Cartesian	18.12292	3.85	10.33271	No	18.12292	3.85	10.33271		GLOBAL	Cartesian	10.98522	3.75	9.55594	No	10.98522	3.75	9.55594	
37318	GLOBAL	Cartesian	18.12292	3.75	10.33271	No	18.12292	3.75	10.33271		GLOBAL	Cartesian	10.98522	3.85	9.55594	No	10.98522	3.85	9.55594	
37319	GLOBAL	Cartesian	18.02282	3.85	10.24963	No	18.02282	3.85	10.24963		GLOBAL	Cartesian	9.86022	3.75	9.44494	No	9.86022	3.75	9.44494	
37320	GLOBAL	Cartesian	18.02282	3.75	10.24963	No	18.02282	3.75	10.24963		GLOBAL	Cartesian	9.86022	3.85	9.44494	No	9.86022	3.85	9.44494	
37321	GLOBAL	Cartesian	17.82272	3.85	10.23976	No	17.82272	3.85	10.23976		GLOBAL	Cartesian	9.67272	3.75	9.42945	No	9.67272	3.75	9.42945	
37322	GLOBAL	Cartesian	17.82272	3.75	10.23976	No	17.82272	3.75	10.23976		GLOBAL	Cartesian	9.67272	3.85	9.42945	No	9.67272	3.85	9.42945	
37323	GLOBAL	Cartesian	17.62272	3.85	10.2298	No	17.62272	3.85	10.2298		GLOBAL	Cartesian	9.4097	3.75	9.40797	No	9.4097	3.75	9.40797	
37324	GLOBAL	Cartesian	17.62272	3.75	10.2298	No	17.62272	3.75	10.2298		GLOBAL	Cartesian	9.4097	3.85	9.40797	No	9.4097	3.85	9.40797	
37325	GLOBAL	Cartesian	17.42272	3.85	10.22004	No	17.42272	3.85	10.22004		GLOBAL	Cartesian	9.29772	3.75	9.38949	No	9.29772	3.75	9.38949	
37326	GLOBAL	Cartesian	17.42272	3.75	10.22004	No	17.42272	3.75	10.22004		GLOBAL	Cartesian	9.29772	3.85	9.38949	No	9.29772	3.85	9.38949	
37327	GLOBAL	Cartesian	17.23702	3.85	10.20173	No	17.23702	3.85	10.20173		GLOBAL	Cartesian	9.11022	3.75	9.371	No	9.11022	3.75	9.371	
37328	GLOBAL	Cartesian	17.23702	3.75	10.20173	No	17.23702	3.75	10.20173		GLOBAL	Cartesian	9.11022	3.85	9.371	No	9.11022	3.85	9.371	
37329	GLOBAL	Cartesian	17.35132	3.85	10.18343	No	17.35132	3.85	10.18343		GLOBAL	Cartesian	8.92272	3.75	9.35252	No	8.92272	3.75	9.35252	
37330	GLOBAL	Cartesian	17.35132	3.75	10.18343	No	17.35132	3.75	10.18343		GLOBAL	Cartesian	8.92272	3.85	9.35252	No	8.92272	3.85	9.35252	
37331	GLOBAL	Cartesian	17.16592	3.85	10.16512	No	17.16592	3.85	10.16512		GLOBAL	Cartesian	31.23984	3.75	8.28794	No	31.23984	3.75	8.28794	
37332	GLOBAL	Cartesian	17.16592	3.75	10.16512	No	17.16592	3.75	10.16512		GLOBAL	Cartesian	31.23984	3.85	8.28794	No	31.23984	3.85	8.28794	
37333	GLOBAL	Cartesian	16.97992	3.85	10.14681	No	16.97992	3.85	10.14681		GLOBAL	Cartesian	31.05697	3.75	8.28794	No	31.05697	3.75	8.28794	
37334	GLOBAL	Cartesian	16.97992	3.75	10.14681	No	16.97992	3.75	10.14681		GLOBAL	Cartesian	31.05697	3.85	8.28794	No	31.05697	3.85	8.28794	
37335	GLOBAL	Cartesian	16.79422	3.85	10.12651	No	16.79422	3.85	10.12651		GLOBAL	Cartesian	30.817409	3.75	8.28794	No	30.817409	3.75	8.28794	
37336	GLOBAL	Cartesian	16.79422	3.75	10.12651	No	16.79422	3.75	10.12651		GLOBAL	Cartesian	30.817409	3.85	8.28794	No	30.817409	3.85	8.28794	
37337	GLOBAL	Cartesian	16.60852	3.85	10.1102	No	16.60852	3.85	10.1102		GLOBAL	Cartesian	30.50172	3.75	8.28794	No	30.50172	3.75	8.28794	
37338	GLOBAL	Cartesian	16.60852	3.75	10.1102	No	16.60852	3.75	10.1102		GLOBAL	Cartesian	30.50172	3.85	8.28794	No	30.50172	3.85	8.28794	
37339	GLOBAL	Cartesian	16.42282	3.85	10.09189	No	16.42282	3.85	10.09189		GLOBAL	Cartesian	30.31222	3.75	8.28794	No	30.31222	3.75	8.28794	
37340	GLOBAL	Cartesian	16.42282	3.75	10.09189	No	16.42282	3.75	10.09189		GLOBAL	Cartesian	30.31222	3.85	8.28794	No	30.31222	3.85	8.28794	
37341	GLOBAL	Cartesian	16.23712	3.85	10.07359	No	16.23712	3.85	10.07359		GLOBAL	Cartesian	30.13222	3.75	8.28794	No	30.13222	3.75	8.28794	
37342	GLOBAL	Cartesian	16.23712	3.75	10.07359	No	16.23712	3.75	10.07359		GLOBAL	Cartesian	30.13222	3.85	8.28794	No	30.13222	3.85	8.28794	
37343	GLOBAL	Cartesian	16.05142	3.85	10.05528	No	16.05142	3.85	10.05528		GLOBAL	Cartesian	30.12272	3.75	8.28794	No	30.12272	3.75	8.28794	
37344	GLOBAL	Cartesian	16.05142	3.75	10.05528	No	16.05142	3.75	10.05528		GLOBAL	Cartesian	30.12272	3.85	8.28794	No	30.12272	3.85	8.28794	
37345	GLOBAL	Cartesian	15.86572	3.85	10.03697	No	15.86572	3.85	10.03697		GLOBAL	Cartesian	30.02272	3.75	8.28794	No	30.02272	3.75	8.28794	
37346	GLOBAL	Cartesian	15.86572	3.75	10.03697	No	15.86572	3.75	10.03697		GLOBAL	Cartesian	30.02272	3.85	8.28794	No	30.02272	3.85	8.28794	
37347	GLOBAL	Cartesian	15.68022	3.85	10.01861	No	15.68022	3.85	10.01861		GLOBAL	Cartesian	29.82272	3.75	8.28794	No	29.82272	3.75	8.28794	
37348	GLOBAL	Cartesian	15.68022	3.75	10.01861	No	15.68022	3.75	10.01861		GLOBAL	Cartesian	29.82272	3.85	8.28794	No	29.82272	3.85	8.28794	
37349	GLOBAL	Cartesian	15.49432	3.85	10.00038	No	15.49432	3.85	10.00038		GLOBAL	Cartesian	29.82272	3.75	8.28794	No	29.82272	3.75	8.28794	
37350	GLOBAL	Cartesian	15.49432	3.75	10.00038	No	15.49432	3.75	10.00038		GLOBAL	Cartesian	29.82272	3.85	8.28794	No	29.82272	3.85	8.28794	
37351	GLOBAL	Cartesian	15.30862	3.85	9.98205	No	15.30862	3.85	9.98205		GLOBAL	Cartesian	29.72272	3.75	8.2861	No	29.72272	3.75	8.2861	
37352	GLOBAL	Cartesian	15.30862	3.75	9.98205	No	15.30862	3.75	9.98205		GLOBAL	Cartesian	29.72272	3.85	8.2861	No	29.72272	3.85	8.2861	
37353	GLOBAL	Cartesian	15.12292	3.85	9.96375	No	15.12292	3.85	9.96375		GLOBAL	Cartesian	29.56822	3.75	8.24644	No	29.56822	3.75	8.24644	
37354	GLOBAL	Cartesian	15.12292	3.75	9.96375	No	15.12292	3.75	9.96375		GLOBAL	Cartesian	29.56822	3.85	8.24644	No	29.56822	3.85	8.24644	
37355	GLOBAL	Cartesian	15.02282	3.85	9.95388	No	15.02282	3.85	9.95388		GLOBAL	Cartesian	29.41372	3.75	8.23317	No	29.41372	3.75	8.23317	
37356	GLOBAL	Cartesian	15.02282	3.75	9.95388	No	15.02282	3.75	9.95388		GLOBAL	Cartesian	29.41372	3.85	8.23317	No	29.41372	3.85	8.23317	
37357	GLOBAL	Cartesian	14.82272	3.85	9.94401	No	14.82272	3.85	9.94401		GLOBAL	Cartesian	29.25922	3.75	8.28171	No	29.25922	3.75	8.28171	
37358	GLOBAL	Cartesian	14.82272	3.75	9.94401	No	14.82272	3.75	9.94401		GLOBAL	Cartesian	29.25922	3.85	8.28171	No	29.25922	3.85	8.28171	
37359	GLOBAL	Cartesian	14.64772	3.85	9.92553	No	14.64772	3.85	9.92553		GLOBAL	Cartesian	29.10472	3.75	8.26025	No	29.10472	3.75	8.26025	
37360	GLOBAL	Cartesian	14.64772	3.75	9.92553	No	14.64772	3.75	9.92553		GLOBAL	Cartesian	29.10472	3.85	8.26025	No	29.10472	3.85	8.26025	
37361	GLOBAL	Cartesian	14.54772	3.85	9.90704	No	14.54772	3.85	9.90704		GLOBAL	Cartesian	28.90651	3.75	8.27837	No	28.90651	3.75	8.27837	
37362	GLOBAL	Cartesian	14.54772	3.75	9.90704	No	14.54772	3.75	9.90704		GLOBAL	Cartesian	28.90651	3.85	8.27837	No	28.90651	3.85	8.27837	
37363	GLOBAL	Cartesian	14.36022	3.85	9.88856	No	14.36022	3.85	9.88856		GLOBAL	Cartesian	28.70831	3.75	8.27649	No	28.70831	3.75	8.27649	
37364	GLOBAL	Cartesian	14.36022	3.75	9.88856	No	14.36022	3.75	9.88856		GLOBAL	Cartesian	28.70831	3.85	8.27649	No	28.70831	3.85	8.27649	
37365	GLOBAL	Cartesian	14.17272	3.85	9.87007	No	14.17272	3.85	9.87007		GLOBAL	Cartesian	28.51011	3.75	8.27462	No	28.51011	3.75	8.27462	
37366	GLOBAL	Cartesian	14.17272	3.75	9.87007	No	14.17272	3.75	9.87007		GLOBAL	Cartesian	28.51011	3.85	8.27462	No	28.51011	3.85	8.27462	
37367	GLOBAL	Cartesian	13.96522	3.85	9.85159	No	13.96522	3.85	9.85159		GLOBAL	Cartesian	28.31191	3.75	8.27274	No	28.31191	3.75	8.27274	
37368	GLOBAL	Cartesian	13.96522																	

[illegible]

37764	GLOBAL	Cartesian	27.51911	3.45	8.25623	No	27.51911	3.45	8.25623	No	19.97938	3.55	8.09239	No	19.97938	3.55	8.09239	No
37765	GLOBAL	Cartesian	27.32309	3.55	8.26333	No	27.32309	3.55	8.26333	No	19.87338	3.45	8.09239	No	19.87338	3.45	8.09239	No
37766	GLOBAL	Cartesian	27.32309	3.45	8.26333	No	27.32309	3.45	8.26333	No	19.87338	3.55	8.07519	No	19.84422	3.55	8.07519	No
37767	GLOBAL	Cartesian	27.1227	3.55	8.26147	No	27.1227	3.55	8.26147	No	19.64422	3.45	8.07519	No	19.64422	3.45	8.07519	No
37768	GLOBAL	Cartesian	27.1227	3.45	8.26147	No	27.1227	3.45	8.26147	No	19.64422	3.55	8.06799	No	19.48066	3.55	8.06799	No
37769	GLOBAL	Cartesian	27.02271	3.55	8.26053	No	27.02271	3.55	8.26053	No	19.48066	3.45	8.06799	No	19.48066	3.45	8.06799	No
37770	GLOBAL	Cartesian	27.02271	3.45	8.26053	No	27.02271	3.45	8.26053	No	19.48066	3.55	8.06079	No	19.2939	3.55	8.06079	No
37771	GLOBAL	Cartesian	26.92272	3.55	8.25958	No	26.92272	3.55	8.25958	No	19.2939	3.45	8.06079	No	19.2939	3.45	8.06079	No
37772	GLOBAL	Cartesian	26.92272	3.45	8.25958	No	26.92272	3.45	8.25958	No	19.2939	3.55	8.05599	No	19.09673	3.55	8.05599	No
37773	GLOBAL	Cartesian	26.82272	3.55	8.25778	No	26.82272	3.55	8.25778	No	19.09673	3.45	8.05599	No	18.90673	3.45	8.05599	No
37774	GLOBAL	Cartesian	26.82272	3.45	8.25778	No	26.82272	3.45	8.25778	No	19.09673	3.55	8.04399	No	18.90673	3.55	8.04399	No
37775	GLOBAL	Cartesian	26.72272	3.55	8.25599	No	26.72272	3.55	8.25599	No	18.70841	3.45	8.04399	No	18.70841	3.45	8.04399	No
37776	GLOBAL	Cartesian	26.72272	3.45	8.25599	No	26.72272	3.45	8.25599	No	18.70841	3.55	8.0392	No	18.70841	3.55	8.0392	No
37777	GLOBAL	Cartesian	26.56071	3.55	8.25279	No	26.56071	3.55	8.25279	No	18.51325	3.45	8.0392	No	18.51325	3.45	8.0392	No
37778	GLOBAL	Cartesian	26.56071	3.45	8.25279	No	26.56071	3.45	8.25279	No	18.51325	3.55	8.032	No	18.51325	3.55	8.032	No
37779	GLOBAL	Cartesian	26.3787	3.55	8.24959	No	26.3787	3.55	8.24959	No	18.31808	3.45	8.032	No	18.31808	3.45	8.0248	No
37780	GLOBAL	Cartesian	26.3787	3.45	8.24959	No	26.3787	3.45	8.24959	No	18.31808	3.55	8.0248	No	18.31808	3.55	8.0248	No
37781	GLOBAL	Cartesian	26.20669	3.55	8.24639	No	26.20669	3.55	8.24639	No	18.12392	3.45	8.0176	No	18.12392	3.45	8.0176	No
37782	GLOBAL	Cartesian	26.20669	3.45	8.24639	No	26.20669	3.45	8.24639	No	18.12392	3.55	8.0176	No	18.12392	3.55	8.0176	No
37783	GLOBAL	Cartesian	26.03468	3.55	8.24319	No	26.03468	3.55	8.24319	No	18.12392	3.45	8.0176	No	18.12392	3.45	8.0176	No
37784	GLOBAL	Cartesian	26.03468	3.45	8.24319	No	26.03468	3.45	8.24319	No	18.12392	3.55	8.01391	No	18.02392	3.55	8.01391	No
37785	GLOBAL	Cartesian	25.83448	3.55	8.23953	No	25.83448	3.55	8.23953	No	18.02392	3.45	8.01391	No	18.02392	3.45	8.01391	No
37786	GLOBAL	Cartesian	25.83448	3.45	8.23953	No	25.83448	3.45	8.23953	No	18.02392	3.55	8.01022	No	17.92272	3.55	8.01022	No
37787	GLOBAL	Cartesian	25.63229	3.55	8.23607	No	25.63229	3.55	8.23607	No	17.92272	3.45	8.00564	No	17.82272	3.45	8.00564	No
37788	GLOBAL	Cartesian	25.63229	3.45	8.23607	No	25.63229	3.45	8.23607	No	17.92272	3.55	8.00564	No	17.82272	3.55	8.00564	No
37789	GLOBAL	Cartesian	25.46109	3.55	8.23252	No	25.46109	3.55	8.23252	No	17.82272	3.45	8.00107	No	17.72272	3.45	8.00107	No
37790	GLOBAL	Cartesian	25.46109	3.45	8.23252	No	25.46109	3.45	8.23252	No	17.82272	3.55	8.00107	No	17.72272	3.55	8.00107	No
37791	GLOBAL	Cartesian	25.2689	3.55	8.22896	No	25.2689	3.55	8.22896	No	17.72272	3.45	8.00107	No	17.52613	3.45	8.00107	No
37792	GLOBAL	Cartesian	25.2689	3.45	8.22896	No	25.2689	3.45	8.22896	No	17.52613	3.55	7.99248	No	17.52613	3.55	7.99248	No
37793	GLOBAL	Cartesian	25.0787	3.55	8.2254	No	25.0787	3.55	8.2254	No	17.34954	3.45	7.99248	No	17.34954	3.45	7.99248	No
37794	GLOBAL	Cartesian	25.0787	3.45	8.2254	No	25.0787	3.45	8.2254	No	17.34954	3.55	7.99248	No	17.34954	3.55	7.99248	No
37795	GLOBAL	Cartesian	24.8975	3.55	8.22184	No	24.8975	3.55	8.22184	No	17.34954	3.45	7.99248	No	17.34954	3.45	7.99248	No
37796	GLOBAL	Cartesian	24.8975	3.45	8.22184	No	24.8975	3.45	8.22184	No	17.34954	3.55	7.99248	No	17.34954	3.55	7.99248	No
37797	GLOBAL	Cartesian	24.69511	3.55	8.21829	No	24.69511	3.55	8.21829	No	17.16284	3.45	7.99248	No	17.16284	3.45	7.99248	No
37798	GLOBAL	Cartesian	24.69511	3.45	8.21829	No	24.69511	3.45	8.21829	No	17.16284	3.55	7.99248	No	17.16284	3.55	7.99248	No
37799	GLOBAL	Cartesian	24.50511	3.55	8.21473	No	24.50511	3.55	8.21473	No	16.97835	3.45	7.99248	No	16.97835	3.45	7.99248	No
37800	GLOBAL	Cartesian	24.50511	3.45	8.21473	No	24.50511	3.45	8.21473	No	16.97835	3.55	7.99248	No	16.97835	3.55	7.99248	No
37801	GLOBAL	Cartesian	24.31992	3.55	8.21117	No	24.31992	3.55	8.21117	No	16.78976	3.45	7.99248	No	16.78976	3.45	7.99248	No
37802	GLOBAL	Cartesian	24.31992	3.45	8.21117	No	24.31992	3.45	8.21117	No	16.78976	3.55	7.99248	No	16.78976	3.55	7.99248	No
37803	GLOBAL	Cartesian	24.12772	3.55	8.20761	No	24.12772	3.55	8.20761	No	16.60455	3.45	7.99248	No	16.60455	3.45	7.99248	No
37804	GLOBAL	Cartesian	24.12772	3.45	8.20761	No	24.12772	3.45	8.20761	No	16.60455	3.55	7.99248	No	16.60455	3.55	7.99248	No
37805	GLOBAL	Cartesian	24.02772	3.55	8.20575	No	24.02772	3.55	8.20575	No	16.41935	3.45	7.94107	No	16.41935	3.45	7.94107	No
37806	GLOBAL	Cartesian	24.02772	3.45	8.20575	No	24.02772	3.45	8.20575	No	16.41935	3.55	7.94107	No	16.41935	3.55	7.94107	No
37807	GLOBAL	Cartesian	23.82772	3.55	8.20389	No	23.82772	3.55	8.20389	No	16.23415	3.45	7.93255	No	16.23415	3.45	7.93255	No
37808	GLOBAL	Cartesian	23.82772	3.45	8.20389	No	23.82772	3.45	8.20389	No	16.23415	3.55	7.93255	No	16.23415	3.55	7.93255	No
37809	GLOBAL	Cartesian	23.63272	3.55	8.20016	No	23.63272	3.55	8.20016	No	16.0484	3.45	7.93255	No	16.0484	3.45	7.93255	No
37810	GLOBAL	Cartesian	23.63272	3.45	8.20016	No	23.63272	3.45	8.20016	No	16.0484	3.55	7.93255	No	16.0484	3.55	7.93255	No
37811	GLOBAL	Cartesian	23.43733	3.55	8.19643	No	23.43733	3.55	8.19643	No	15.86374	3.45	7.93255	No	15.86374	3.45	7.93255	No
37812	GLOBAL	Cartesian	23.43733	3.45	8.19643	No	23.43733	3.45	8.19643	No	15.86374	3.55	7.93255	No	15.86374	3.55	7.93255	No
37813	GLOBAL	Cartesian	23.25051	3.55	8.19313	No	23.25051	3.55	8.19313	No	15.67853	3.45	7.90697	No	15.67853	3.45	7.90697	No
37814	GLOBAL	Cartesian	23.25051	3.45	8.19313	No	23.25051	3.45	8.19313	No	15.67853	3.55	7.90697	No	15.67853	3.55	7.90697	No
37815	GLOBAL	Cartesian	23.33939	3.55	8.18782	No	23.33939	3.55	8.18782	No	15.49333	3.45	7.89845	No	15.49333	3.45	7.89845	No
37816	GLOBAL	Cartesian	23.33939	3.45	8.18782	No	23.33939	3.45	8.18782	No	15.49333	3.55	7.89845	No	15.49333	3.55	7.89845	No
37817	GLOBAL	Cartesian	23.14827	3.55	8.18252	No	23.14827	3.55	8.18252	No	15.30813	3.45	7.88992	No	15.30813	3.45	7.88992	No
37818	GLOBAL	Cartesian	23.14827	3.45	8.18252	No	23.14827	3.45	8.18252	No	15.30813	3.55	7.88992	No	15.30813	3.55	7.88992	No
37819	GLOBAL	Cartesian	22.95716	3.55	8.17722	No	22.95716	3.55	8.17722	No	15.12262	3.45	7.8814	No	15.12262	3.45	7.8814	No
37820	GLOBAL	Cartesian	22.95716	3.45	8.17722	No	22.95716	3.45	8.17722	No	15.12262	3.55	7.8814	No	15.12262	3.55	7.8814	No
37821	GLOBAL	Cartesian	22.77373	3.55	8.17213	No	22.77373	3.55	8.17213	No	14.93794	3.45	7.87079	No	14.93794	3.45	7.87079	No
37822	GLOBAL	Cartesian	22.77373	3.45	8.17213	No	22.77373	3.45	8.17213	No	14.93794	3.55	7.87079	No	14.93794	3.55	7.87079	No
37823	GLOBAL	Cartesian	22.59031	3.55	8.16704	No	22.59031	3.55	8.16704	No	14.82272	3.45	7.87079	No	14.82272	3.45	7.87079	No
37824	GLOBAL	Cartesian	22.59031	3.45	8.16704	No	22.59031	3.45	8.16704	No	14.82272	3.55	7.87079	No	14.82272	3.55	7.87079	No
37825	GLOBAL	Cartesian	22.40889	3.55	8.16195	No	22.40889	3.55	8.16195	No	14.73361	3.45	7.86176	No	14.73361	3.45	7.86176	No
37826	GLOBAL	Cartesian	22.40889	3.45	8.16195	No	22.40889	3.45	8.16195	No	14.73361	3.55	7.86176	No	14.73361	3.55	7.86176	No
37827	GLOBAL	Cartesian	22.22346	3.55	8.15687	No	22.22346	3.55	8.15687	No	14.54622	3.45	7.85142	No	14.54622	3.45	7.85142	No
37828	GLOBAL	Cartesian	22.22346	3.45	8.15687	No	22.22346	3.45	8.15687	No	14.54622	3.55	7.85142	No	14.54622	3.55	7.85142	No
37829	GLOBAL	Cartesian	22.04004	3.55	8.15178	No	22.04004	3.55	8.15178	No	14.35983	3.45	7.84107	No	14.35983	3.45	7.84107	No
37830	GLOBAL	Cartesian	22.04004	3.45	8.15178	No	22.04004	3.45	8.15178	No	14.35983	3.55	7.84107	No	14.35983	3.55	7.84107	No
37831	GLOBAL	Cartesian	21.85602	3.55	8.14669	No	21.85602	3.55	8.14669	No	14.17143	3.45	7.83073	No	14.17143</			

37950	GLOBAL	Cartesian	11.73522	3.45	7.69537	No	11.73522	3.45	7.69537	No	38043	GLOBAL	Cartesian	9.11022	3.75	7.53787	No	9.11022	3.75	7.53787	No
37951	GLOBAL	Cartesian	11.54772	3.55	7.68417	No	11.54772	3.55	7.68417	No	38044	GLOBAL	Cartesian	9.11022	3.65	7.53787	No	9.11022	3.65	7.53787	No
37952	GLOBAL	Cartesian	11.54772	3.45	7.68417	No	11.54772	3.45	7.68417	No	38045	GLOBAL	Cartesian	8.92272	3.75	7.52662	No	8.92272	3.75	7.52662	No
37953	GLOBAL	Cartesian	11.36022	3.55	7.67287	No	11.36022	3.55	7.67287	No	38046	GLOBAL	Cartesian	8.92272	3.65	7.52662	No	8.92272	3.65	7.52662	No
37954	GLOBAL	Cartesian	11.36022	3.45	7.67287	No	11.36022	3.45	7.67287	No	38047	GLOBAL	Cartesian	8.92272	3.75	9.25033	No	8.92272	3.75	9.25033	No
37955	GLOBAL	Cartesian	11.17272	3.55	7.66162	No	11.17272	3.55	7.66162	No	38048	GLOBAL	Cartesian	8.92272	3.65	9.15155	No	8.92272	3.65	9.15155	No
37956	GLOBAL	Cartesian	11.17272	3.45	7.66162	No	11.17272	3.45	7.66162	No	38049	GLOBAL	Cartesian	8.92272	3.75	9.10478	No	8.92272	3.75	9.10478	No
37957	GLOBAL	Cartesian	10.95522	3.55	7.65037	No	10.95522	3.55	7.65037	No	38050	GLOBAL	Cartesian	8.92272	3.65	9.05802	No	8.92272	3.65	9.05802	No
37958	GLOBAL	Cartesian	10.95522	3.45	7.65037	No	10.95522	3.45	7.65037	No	38051	GLOBAL	Cartesian	8.92272	3.75	9.01126	No	8.92272	3.75	9.01126	No
37959	GLOBAL	Cartesian	10.79772	3.55	7.63912	No	10.79772	3.55	7.63912	No	38052	GLOBAL	Cartesian	8.92272	3.65	8.87096	No	8.92272	3.65	8.87096	No
37960	GLOBAL	Cartesian	10.79772	3.45	7.63912	No	10.79772	3.45	7.63912	No	38053	GLOBAL	Cartesian	8.92272	3.75	8.73067	No	8.92272	3.75	8.73067	No
37961	GLOBAL	Cartesian	10.61022	3.55	7.62787	No	10.61022	3.55	7.62787	No	38054	GLOBAL	Cartesian	8.92272	3.65	8.59039	No	8.92272	3.65	8.59039	No
37962	GLOBAL	Cartesian	10.61022	3.45	7.62787	No	10.61022	3.45	7.62787	No	38055	GLOBAL	Cartesian	8.92272	3.75	8.45009	No	8.92272	3.75	8.45009	No
37963	GLOBAL	Cartesian	10.42272	3.55	7.61662	No	10.42272	3.55	7.61662	No	38056	GLOBAL	Cartesian	8.92272	3.65	8.30979	No	8.92272	3.65	8.30979	No
37964	GLOBAL	Cartesian	10.42272	3.45	7.61662	No	10.42272	3.45	7.61662	No	38057	GLOBAL	Cartesian	8.92272	3.75	8.11402	No	8.92272	3.75	8.11402	No
37965	GLOBAL	Cartesian	10.23522	3.55	7.60537	No	10.23522	3.55	7.60537	No	38058	GLOBAL	Cartesian	8.92272	3.65	7.91825	No	8.92272	3.65	7.91825	No
37966	GLOBAL	Cartesian	10.23522	3.45	7.60537	No	10.23522	3.45	7.60537	No	38059	GLOBAL	Cartesian	8.92272	3.75	7.72248	No	8.92272	3.75	7.72248	No
37967	GLOBAL	Cartesian	10.04772	3.55	7.59412	No	10.04772	3.55	7.59412	No	38060	GLOBAL	Cartesian	8.92272	3.65	9.25033	No	8.92272	3.65	9.25033	No
37968	GLOBAL	Cartesian	10.04772	3.45	7.59412	No	10.04772	3.45	7.59412	No	38061	GLOBAL	Cartesian	8.92272	3.55	9.15155	No	8.92272	3.55	9.15155	No
37969	GLOBAL	Cartesian	9.86022	3.55	7.58287	No	9.86022	3.55	7.58287	No	38062	GLOBAL	Cartesian	8.92272	3.65	9.10478	No	8.92272	3.65	9.10478	No
37970	GLOBAL	Cartesian	9.86022	3.45	7.58287	No	9.86022	3.45	7.58287	No	38063	GLOBAL	Cartesian	8.92272	3.55	9.05802	No	8.92272	3.55	9.05802	No
37971	GLOBAL	Cartesian	9.67272	3.55	7.57162	No	9.67272	3.55	7.57162	No	38064	GLOBAL	Cartesian	8.92272	3.65	9.01126	No	8.92272	3.65	9.01126	No
37972	GLOBAL	Cartesian	9.67272	3.45	7.57162	No	9.67272	3.45	7.57162	No	38065	GLOBAL	Cartesian	8.92272	3.75	8.96937	No	8.92272	3.75	8.96937	No
37973	GLOBAL	Cartesian	9.48522	3.55	7.56037	No	9.48522	3.55	7.56037	No	38066	GLOBAL	Cartesian	8.92272	3.65	8.92037	No	8.92272	3.65	8.92037	No
37974	GLOBAL	Cartesian	9.48522	3.45	7.56037	No	9.48522	3.45	7.56037	No	38067	GLOBAL	Cartesian	8.92272	3.75	8.87096	No	8.92272	3.75	8.87096	No
37975	GLOBAL	Cartesian	9.29772	3.55	7.54912	No	9.29772	3.55	7.54912	No	38068	GLOBAL	Cartesian	8.92272	3.65	8.82037	No	8.92272	3.65	8.82037	No
37976	GLOBAL	Cartesian	9.29772	3.45	7.54912	No	9.29772	3.45	7.54912	No	38069	GLOBAL	Cartesian	8.92272	3.75	8.80079	No	8.92272	3.75	8.80079	No
37977	GLOBAL	Cartesian	9.11022	3.55	7.53787	No	9.11022	3.55	7.53787	No	38070	GLOBAL	Cartesian	8.92272	3.65	8.73067	No	8.92272	3.65	8.73067	No
37978	GLOBAL	Cartesian	9.11022	3.45	7.53787	No	9.11022	3.45	7.53787	No	38071	GLOBAL	Cartesian	8.92272	3.75	8.69039	No	8.92272	3.75	8.69039	No
37979	GLOBAL	Cartesian	8.92272	3.55	7.52662	No	8.92272	3.55	7.52662	No	38072	GLOBAL	Cartesian	8.92272	3.65	8.64009	No	8.92272	3.65	8.64009	No
37980	GLOBAL	Cartesian	8.92272	3.45	7.52662	No	8.92272	3.45	7.52662	No	38073	GLOBAL	Cartesian	8.92272	3.55	8.59039	No	8.92272	3.55	8.59039	No
37981	GLOBAL	Cartesian	14.92272	3.75	7.87218	No	14.92272	3.75	7.87218	No	38074	GLOBAL	Cartesian	8.92272	3.65	8.54009	No	8.92272	3.65	8.54009	No
37982	GLOBAL	Cartesian	14.92272	3.65	7.87218	No	14.92272	3.65	7.87218	No	38075	GLOBAL	Cartesian	8.92272	3.75	8.49039	No	8.92272	3.75	8.49039	No
37983	GLOBAL	Cartesian	14.73517	3.55	7.86178	No	14.73517	3.55	7.86178	No	38076	GLOBAL	Cartesian	8.92272	3.65	8.44009	No	8.92272	3.65	8.44009	No
37984	GLOBAL	Cartesian	14.73517	3.45	7.86178	No	14.73517	3.45	7.86178	No	38077	GLOBAL	Cartesian	8.92272	3.75	8.39039	No	8.92272	3.75	8.39039	No
37985	GLOBAL	Cartesian	14.54622	3.75	7.85142	No	14.54622	3.75	7.85142	No	38078	GLOBAL	Cartesian	8.92272	3.65	8.34009	No	8.92272	3.65	8.34009	No
37986	GLOBAL	Cartesian	14.54622	3.65	7.85142	No	14.54622	3.65	7.85142	No	38079	GLOBAL	Cartesian	8.92272	3.75	8.29039	No	8.92272	3.75	8.29039	No
37987	GLOBAL	Cartesian	14.35983	3.75	7.84107	No	14.35983	3.75	7.84107	No	38080	GLOBAL	Cartesian	8.92272	3.65	8.24009	No	8.92272	3.65	8.24009	No
37988	GLOBAL	Cartesian	14.35983	3.65	7.84107	No	14.35983	3.65	7.84107	No	38081	GLOBAL	Cartesian	8.92272	3.75	8.19039	No	8.92272	3.75	8.19039	No
37989	GLOBAL	Cartesian	14.17143	3.75	7.83073	No	14.17143	3.75	7.83073	No	38082	GLOBAL	Cartesian	8.92272	3.65	8.14009	No	8.92272	3.65	8.14009	No
37990	GLOBAL	Cartesian	14.17143	3.65	7.83073	No	14.17143	3.65	7.83073	No	38083	GLOBAL	Cartesian	8.92272	3.75	8.09039	No	8.92272	3.75	8.09039	No
37991	GLOBAL	Cartesian	13.98404	3.75	7.82039	No	13.98404	3.75	7.82039	No	38084	GLOBAL	Cartesian	8.92272	3.65	8.04009	No	8.92272	3.65	8.04009	No
37992	GLOBAL	Cartesian	13.98404	3.65	7.82039	No	13.98404	3.65	7.82039	No	38085	GLOBAL	Cartesian	8.92272	3.75	7.99039	No	8.92272	3.75	7.99039	No
37993	GLOBAL	Cartesian	13.79653	3.75	7.81004	No	13.79653	3.75	7.81004	No	38086	GLOBAL	Cartesian	8.92272	3.65	7.94009	No	8.92272	3.65	7.94009	No
37994	GLOBAL	Cartesian	13.79653	3.65	7.81004	No	13.79653	3.65	7.81004	No	38087	GLOBAL	Cartesian	8.92272	3.75	7.89039	No	8.92272	3.75	7.89039	No
37995	GLOBAL	Cartesian	13.60236	3.75	7.79977	No	13.60236	3.75	7.79977	No	38088	GLOBAL	Cartesian	8.92272	3.65	7.84009	No	8.92272	3.65	7.84009	No
37996	GLOBAL	Cartesian	13.60236	3.65	7.79977	No	13.60236	3.65	7.79977	No	38089	GLOBAL	Cartesian	8.92272	3.75	7.79039	No	8.92272	3.75	7.79039	No
37997	GLOBAL	Cartesian	13.42166	3.75	7.78936	No	13.42166	3.75	7.78936	No	38090	GLOBAL	Cartesian	8.92272	3.65	7.74009	No	8.92272	3.65	7.74009	No
37998	GLOBAL	Cartesian	13.42166	3.65	7.78936	No	13.42166	3.65	7.78936	No	38091	GLOBAL	Cartesian	8.92272	3.75	7.69039	No	8.92272	3.75	7.69039	No
37999	GLOBAL	Cartesian	13.23447	3.75	7.77902	No	13.23447	3.75	7.77902	No	38092	GLOBAL	Cartesian	8.92272	3.65	7.64009	No	8.92272	3.65	7.64009	No
38000	GLOBAL	Cartesian	13.23447	3.65	7.77902	No	13.23447	3.65	7.77902	No	38093	GLOBAL	Cartesian	8.92272	3.75	7.59039	No	8.92272	3.75	7.59039	No
38001	GLOBAL	Cartesian	13.04708	3.75	7.76867	No	13.04708	3.75	7.76867	No	38094	GLOBAL	Cartesian	8.92272	3.65	7.54009	No	8.92272	3.65	7.54009	No
38002	GLOBAL	Cartesian	13.04708	3.65	7.76867	No	13.04708	3.65	7.76867	No	38095	GLOBAL	Cartesian	8.92272	3.75	7.49039	No	8.92272	3.75	7.49039	No
38003	GLOBAL	Cartesian	12.85988	3.75	7.75833	No	12.85988	3.75	7.75833	No	38096	GLOBAL	Cartesian	8.92272	3.65	7.44009	No	8.92272	3.65	7.44009	No
38004	GLOBAL	Cartesian	12.85988	3.65	7.75833	No	12.85988	3.65	7.75833	No	38097	GLOBAL	Cartesian	8.92272	3.75	7.39039	No	8.92272	3.75	7.39039	No
38005	GLOBAL	Cartesian	12.67229	3.75	7.74799	No	12.67229	3.75	7.74799	No	38098	GLOBAL	Cartesian	8.92272	3.65	7.34009	No	8.92272	3.65	7.34009	No
38006	GLOBAL	Cartesian	12.67229	3.65	7.74799	No	12.67229	3.65	7.74799	No	38099	GLOBAL	Cartesian	8.92272	3.75	7.29039	No	8.92272	3.75	7.29039	No
38007	GLOBAL	Cartesian	12.4849	3.75	7.73764	No	12.4849	3.75	7.73764	No	38100	GLOBAL	Cartesian	8.92272	3.65	7.24009	No	8.92272	3.65	7.24009	No
38008	GLOBAL	Cartesian	12.4849	3.65	7.73764	No	12.4849	3.65	7.73764	No	38101	GLOBAL	Cartesian	8.92272	3.75	7.19039	No	8.92272	3.75	7.19039	No
38009	GLOBAL	Cartesian	12.29751	3.75	7.72733	No	12.29751	3.75	7.72733	No	38102	GLOBAL	Cartesian	8.92272	3.65	7.14009	No	8.92272	3.65	7.14009	No
38010	GLOBAL	Cartesian	12.29751	3.65	7.72733	No	12.29751	3.65</													

38140	GLOBAL	Cartesian	14.92272	3.45	8.22908	No	14.92272	3.45	8.29208		38233	GLOBAL	Cartesian	20.92272	3.75	9.55034	No	20.92272	3.75	9.59384	
38141	GLOBAL	Cartesian	14.92272	3.45	8.05053	No	14.92272	3.45	8.05953		38234	GLOBAL	Cartesian	20.92272	3.75	9.39516	No	20.92272	3.75	9.39516	
38142	GLOBAL	Cartesian	14.92272	3.85	9.84535	No	14.92272	3.85	9.84535		38235	GLOBAL	Cartesian	20.92272	3.75	9.20729	No	20.92272	3.75	9.20729	
38143	GLOBAL	Cartesian	14.92272	3.85	9.74304	No	14.92272	3.85	9.74304		38236	GLOBAL	Cartesian	20.92272	3.75	9.01941	No	20.92272	3.75	9.01941	
38144	GLOBAL	Cartesian	14.92272	3.85	9.67876	No	14.92272	3.85	9.67876		38237	GLOBAL	Cartesian	20.92272	3.75	8.83154	No	20.92272	3.75	8.83154	
38145	GLOBAL	Cartesian	14.92272	3.85	9.61448	No	14.92272	3.85	9.61448		38238	GLOBAL	Cartesian	20.92272	3.75	8.65385	No	20.92272	3.75	8.65385	
38146	GLOBAL	Cartesian	14.92272	3.85	9.55022	No	14.92272	3.85	9.55022		38239	GLOBAL	Cartesian	20.92272	3.75	8.47616	No	20.92272	3.75	8.47616	
38147	GLOBAL	Cartesian	14.92272	3.85	9.35736	No	14.92272	3.85	9.35736		38240	GLOBAL	Cartesian	20.92272	3.75	8.29847	No	20.92272	3.75	8.29847	
38148	GLOBAL	Cartesian	14.92272	3.85	9.16451	No	14.92272	3.85	9.16451		38241	GLOBAL	Cartesian	20.92272	3.45	10.43502	No	20.92272	3.45	10.43502	
38149	GLOBAL	Cartesian	14.92272	3.85	8.97167	No	14.92272	3.85	8.97167		38242	GLOBAL	Cartesian	20.92272	3.45	10.33453	No	20.92272	3.45	10.33453	
38150	GLOBAL	Cartesian	14.92272	3.85	8.77883	No	14.92272	3.85	8.77883		38243	GLOBAL	Cartesian	20.92272	3.45	10.27191	No	20.92272	3.45	10.27191	
38151	GLOBAL	Cartesian	14.92272	3.85	8.58458	No	14.92272	3.85	8.58458		38244	GLOBAL	Cartesian	20.92272	3.45	10.14666	No	20.92272	3.45	10.14666	
38152	GLOBAL	Cartesian	14.92272	3.85	8.40753	No	14.92272	3.85	8.40753		38245	GLOBAL	Cartesian	20.92272	3.45	10.05979	No	20.92272	3.45	10.05979	
38153	GLOBAL	Cartesian	14.92272	3.85	8.22308	No	14.92272	3.85	8.22308		38246	GLOBAL	Cartesian	20.92272	3.45	9.95679	No	20.92272	3.45	9.95679	
38154	GLOBAL	Cartesian	14.92272	3.85	8.06505	No	14.92272	3.85	8.06505		38247	GLOBAL	Cartesian	20.92272	3.45	9.77091	No	20.92272	3.45	9.77091	
38155	GLOBAL	Cartesian	14.92272	3.55	10.13927	No	14.92272	3.55	10.13927		38248	GLOBAL	Cartesian	20.92272	3.45	9.58504	No	20.92272	3.45	9.58504	
38156	GLOBAL	Cartesian	14.92272	3.55	10.03879	No	14.92272	3.55	10.03879		38249	GLOBAL	Cartesian	20.92272	3.45	9.39516	No	20.92272	3.45	9.39516	
38157	GLOBAL	Cartesian	17.92272	3.55	9.97604	No	17.92272	3.55	9.97604		38250	GLOBAL	Cartesian	20.92272	3.45	9.20729	No	20.92272	3.45	9.20729	
38158	GLOBAL	Cartesian	17.92272	3.55	9.91133	No	17.92272	3.55	9.91133		38251	GLOBAL	Cartesian	20.92272	3.45	9.01941	No	20.92272	3.45	9.01941	
38159	GLOBAL	Cartesian	17.92272	3.55	9.85055	No	17.92272	3.55	9.85055		38252	GLOBAL	Cartesian	20.92272	3.45	8.83154	No	20.92272	3.45	8.83154	
38160	GLOBAL	Cartesian	17.92272	3.55	9.69231	No	17.92272	3.55	9.69231		38253	GLOBAL	Cartesian	20.92272	3.45	8.65385	No	20.92272	3.45	8.65385	
38161	GLOBAL	Cartesian	17.92272	3.55	9.47408	No	17.92272	3.55	9.47408		38254	GLOBAL	Cartesian	20.92272	3.45	8.47616	No	20.92272	3.45	8.47616	
38162	GLOBAL	Cartesian	17.92272	3.55	9.30037	No	17.92272	3.55	9.30037		38255	GLOBAL	Cartesian	20.92272	3.45	8.29847	No	20.92272	3.45	8.29847	
38163	GLOBAL	Cartesian	17.92272	3.55	9.09037	No	17.92272	3.55	9.09037		38256	GLOBAL	Cartesian	20.92272	3.45	8.12113	No	20.92272	3.45	8.12113	
38164	GLOBAL	Cartesian	17.92272	3.55	8.87211	No	17.92272	3.55	8.87211		38257	GLOBAL	Cartesian	20.92272	3.45	7.94708	No	20.92272	3.45	7.94708	
38165	GLOBAL	Cartesian	17.92272	3.55	8.65434	No	17.92272	3.55	8.65434		38258	GLOBAL	Cartesian	20.92272	3.45	7.76904	No	20.92272	3.45	7.76904	
38166	GLOBAL	Cartesian	17.92272	3.55	8.5434	No	17.92272	3.55	8.5434		38259	GLOBAL	Cartesian	20.92272	3.45	7.59039	No	20.92272	3.45	7.59039	
38167	GLOBAL	Cartesian	17.92272	3.55	8.36567	No	17.92272	3.55	8.36567		38260	GLOBAL	Cartesian	20.92272	3.45	7.41213	No	20.92272	3.45	7.41213	
38168	GLOBAL	Cartesian	17.92272	3.55	8.18795	No	17.92272	3.55	8.18795		38261	GLOBAL	Cartesian	20.92272	3.45	7.23453	No	20.92272	3.45	7.23453	
38169	GLOBAL	Cartesian	17.92272	3.75	10.13927	No	17.92272	3.75	10.13927		38262	GLOBAL	Cartesian	20.92272	3.45	7.05679	No	20.92272	3.45	7.05679	
38170	GLOBAL	Cartesian	17.92272	3.75	10.03879	No	17.92272	3.75	10.03879		38263	GLOBAL	Cartesian	20.92272	3.45	6.87883	No	20.92272	3.45	6.87883	
38171	GLOBAL	Cartesian	17.92272	3.75	9.97604	No	17.92272	3.75	9.97604		38264	GLOBAL	Cartesian	20.92272	3.45	6.70039	No	20.92272	3.45	6.70039	
38172	GLOBAL	Cartesian	17.92272	3.75	9.91133	No	17.92272	3.75	9.91133		38265	GLOBAL	Cartesian	20.92272	3.45	6.52292	No	20.92272	3.45	6.52292	
38173	GLOBAL	Cartesian	17.92272	3.75	9.85055	No	17.92272	3.75	9.85055		38266	GLOBAL	Cartesian	20.92272	3.45	6.34534	No	20.92272	3.45	6.34534	
38174	GLOBAL	Cartesian	17.92272	3.75	9.69231	No	17.92272	3.75	9.69231		38267	GLOBAL	Cartesian	20.92272	3.45	6.16783	No	20.92272	3.45	6.16783	
38175	GLOBAL	Cartesian	17.92272	3.75	9.47408	No	17.92272	3.75	9.47408		38268	GLOBAL	Cartesian	20.92272	3.45	5.99039	No	20.92272	3.45	5.99039	
38176	GLOBAL	Cartesian	17.92272	3.75	9.25654	No	17.92272	3.75	9.25654		38269	GLOBAL	Cartesian	20.92272	3.45	5.81213	No	20.92272	3.45	5.81213	
38177	GLOBAL	Cartesian	17.92272	3.75	9.0976	No	17.92272	3.75	9.0976		38270	GLOBAL	Cartesian	20.92272	3.45	5.63453	No	20.92272	3.45	5.63453	
38178	GLOBAL	Cartesian	17.92272	3.75	8.90037	No	17.92272	3.75	8.90037		38271	GLOBAL	Cartesian	20.92272	3.45	5.45679	No	20.92272	3.45	5.45679	
38179	GLOBAL	Cartesian	17.92272	3.75	8.72113	No	17.92272	3.75	8.72113		38272	GLOBAL	Cartesian	20.92272	3.45	5.27883	No	20.92272	3.45	5.27883	
38180	GLOBAL	Cartesian	17.92272	3.75	8.5434	No	17.92272	3.75	8.5434		38273	GLOBAL	Cartesian	20.92272	3.45	5.10039	No	20.92272	3.45	5.10039	
38181	GLOBAL	Cartesian	17.92272	3.75	8.36567	No	17.92272	3.75	8.36567		38274	GLOBAL	Cartesian	20.92272	3.45	4.92292	No	20.92272	3.45	4.92292	
38182	GLOBAL	Cartesian	17.92272	3.75	8.18795	No	17.92272	3.75	8.18795		38275	GLOBAL	Cartesian	20.92272	3.45	4.74534	No	20.92272	3.45	4.74534	
38183	GLOBAL	Cartesian	17.92272	3.45	10.13927	No	17.92272	3.45	10.13927		38276	GLOBAL	Cartesian	20.92272	3.45	4.56783	No	20.92272	3.45	4.56783	
38184	GLOBAL	Cartesian	17.92272	3.45	10.03879	No	17.92272	3.45	10.03879		38277	GLOBAL	Cartesian	20.92272	3.45	4.39039	No	20.92272	3.45	4.39039	
38185	GLOBAL	Cartesian	17.92272	3.45	9.97604	No	17.92272	3.45	9.97604		38278	GLOBAL	Cartesian	20.92272	3.45	4.21213	No	20.92272	3.45	4.21213	
38186	GLOBAL	Cartesian	17.92272	3.45	9.91133	No	17.92272	3.45	9.91133		38279	GLOBAL	Cartesian	20.92272	3.45	4.03453	No	20.92272	3.45	4.03453	
38187	GLOBAL	Cartesian	17.92272	3.45	9.85055	No	17.92272	3.45	9.85055		38280	GLOBAL	Cartesian	20.92272	3.45	3.85679	No	20.92272	3.45	3.85679	
38188	GLOBAL	Cartesian	17.92272	3.45	9.69231	No	17.92272	3.45	9.69231		38281	GLOBAL	Cartesian	20.92272	3.45	3.67883	No	20.92272	3.45	3.67883	
38189	GLOBAL	Cartesian	17.92272	3.45	9.47408	No	17.92272	3.45	9.47408		38282	GLOBAL	Cartesian	20.92272	3.45	3.50039	No	20.92272	3.45	3.50039	
38190	GLOBAL	Cartesian	17.92272	3.45	9.25654	No	17.92272	3.45	9.25654		38283	GLOBAL	Cartesian	20.92272	3.45	3.32292	No	20.92272	3.45	3.32292	
38191	GLOBAL	Cartesian	17.92272	3.45	9.0976	No	17.92272	3.45	9.0976		38284	GLOBAL	Cartesian	20.92272	3.45	3.14534	No	20.92272	3.45	3.14534	
38192	GLOBAL	Cartesian	17.92272	3.45	8.90037	No	17.92272	3.45	8.90037		38285	GLOBAL	Cartesian	20.92272	3.45	2.96783	No	20.92272	3.45	2.96783	
38193	GLOBAL	Cartesian	17.92272	3.45	8.72113	No	17.92272	3.45	8.72113		38286	GLOBAL	Cartesian	20.92272	3.45	2.79039	No	20.92272	3.45	2.79039	
38194	GLOBAL	Cartesian	17.92272	3.45	8.5434	No	17.92272	3.45	8.5434		38287	GLOBAL	Cartesian	20.92272	3.45	2.61213	No	20.92272	3.45	2.61213	
38195	GLOBAL	Cartesian	17.92272	3.45	8.36567	No	17.92272	3.45	8.36567		38288	GLOBAL	Cartesian	20.92272	3.45	2.43453	No	20.92272	3.45	2.43453	
38196	GLOBAL	Cartesian	17.92272	3.45	8.18795	No	17.92272	3.45	8.18795		38289	GLOBAL	Cartesian	20.92272	3.45	2.25679	No	20.92272	3.45	2.25679	
38197	GLOBAL	Cartesian	17.92272	3.85	9.38567	No	17.92272	3.85	9.38567		38290	GLOBAL	Cartesian	20.92272	3.45	2.07883	No	20.92272	3.45	2.07883	
38198	GLOBAL	Cartesian	17.92272	3.85	9.18795	No	17.92272	3.85	9.18795		38291	GLOBAL	Cartesian	20.92272	3.45	1.90039	No	20.92272	3.45	1.90039	
38199	GLOBAL	Cartesian	17.92272	3.85	8.98976	No	17.92272	3.85	8.98976		38292	GLOBAL	Cartesian	20.92272	3.45	1.72292	No	20.92272	3.45	1.72292	
38200	GLOBAL	Cartesian	17.92272	3.85	8.79167	No	17.92272	3.85	8.79167		382										

38328	GLOBAL	Cartesian	26.92272	3.85	9.69773	No	26.92272	3.85	9.69772	38419	GLOBAL	Cartesian	26.92272	3.75	10.85166	No	26.92272	3.75	10.85166
38327	GLOBAL	Cartesian	23.92272	3.85	9.69771	No	23.92272	3.85	9.69771	38420	GLOBAL	Cartesian	26.92272	3.75	10.69881	No	26.92272	3.75	10.69881
38328	GLOBAL	Cartesian	23.92272	3.85	9.48464	No	23.92272	3.85	9.48464	38421	GLOBAL	Cartesian	26.92272	3.75	10.48155	No	26.92272	3.75	10.48155
38329	GLOBAL	Cartesian	23.92272	3.85	9.29583	No	23.92272	3.85	9.29583	38422	GLOBAL	Cartesian	26.92272	3.75	10.29655	No	26.92272	3.75	10.29655
38330	GLOBAL	Cartesian	23.92272	3.85	8.91519	No	23.92272	3.85	8.91519	38423	GLOBAL	Cartesian	26.92272	3.75	10.11144	No	26.92272	3.75	10.11144
38331	GLOBAL	Cartesian	23.92272	3.85	8.91455	No	23.92272	3.85	8.91455	38424	GLOBAL	Cartesian	26.92272	3.75	9.92638	No	26.92272	3.75	9.92638
38332	GLOBAL	Cartesian	23.92272	3.85	8.73689	No	23.92272	3.85	8.73689	38425	GLOBAL	Cartesian	26.92272	3.75	9.74133	No	26.92272	3.75	9.74133
38333	GLOBAL	Cartesian	23.92272	3.85	8.55922	No	23.92272	3.85	8.55922	38426	GLOBAL	Cartesian	26.92272	3.75	9.55627	No	26.92272	3.75	9.55627
38334	GLOBAL	Cartesian	23.92272	3.85	8.38156	No	23.92272	3.85	8.38156	38427	GLOBAL	Cartesian	26.92272	3.75	9.37122	No	26.92272	3.75	9.37122
38335	GLOBAL	Cartesian	26.92272	3.55	11.02651	No	26.92272	3.55	11.02651	38428	GLOBAL	Cartesian	26.92272	3.75	9.18616	No	26.92272	3.75	9.18616
38336	GLOBAL	Cartesian	26.92272	3.55	10.82603	No	26.92272	3.55	10.82603	38429	GLOBAL	Cartesian	26.92272	3.75	9.00111	No	26.92272	3.75	9.00111
38337	GLOBAL	Cartesian	26.92272	3.55	10.62603	No	26.92272	3.55	10.62603	38430	GLOBAL	Cartesian	26.92272	3.75	8.81647	No	26.92272	3.75	8.81647
38338	GLOBAL	Cartesian	26.92272	3.55	10.43486	No	26.92272	3.55	10.43486	38431	GLOBAL	Cartesian	26.92272	3.75	8.64447	No	26.92272	3.75	8.64447
38339	GLOBAL	Cartesian	26.92272	3.55	10.3928	No	26.92272	3.55	10.3928	38432	GLOBAL	Cartesian	26.92272	3.75	8.46816	No	26.92272	3.75	8.46816
38340	GLOBAL	Cartesian	26.92272	3.55	10.1437	No	26.92272	3.55	10.1437	38433	GLOBAL	Cartesian	26.92272	3.75	8.28279	No	26.92272	3.75	8.28279
38341	GLOBAL	Cartesian	26.92272	3.55	9.94811	No	26.92272	3.55	9.94811	38434	GLOBAL	Cartesian	26.92272	3.75	8.10011	No	26.92272	3.75	8.10011
38342	GLOBAL	Cartesian	26.92272	3.55	9.75253	No	26.92272	3.55	9.75253	38435	GLOBAL	Cartesian	26.92272	3.75	7.91322	No	26.92272	3.75	7.91322
38343	GLOBAL	Cartesian	26.92272	3.55	9.56958	No	26.92272	3.55	9.56958	38436	GLOBAL	Cartesian	26.92272	3.75	7.72638	No	26.92272	3.75	7.72638
38344	GLOBAL	Cartesian	26.92272	3.55	9.36136	No	26.92272	3.55	9.36136	38437	GLOBAL	Cartesian	26.92272	3.75	7.53928	No	26.92272	3.75	7.53928
38345	GLOBAL	Cartesian	26.92272	3.55	9.16578	No	26.92272	3.55	9.16578	38438	GLOBAL	Cartesian	26.92272	3.75	7.35279	No	26.92272	3.75	7.35279
38346	GLOBAL	Cartesian	26.92272	3.55	8.9702	No	26.92272	3.55	8.9702	38439	GLOBAL	Cartesian	26.92272	3.75	7.16616	No	26.92272	3.75	7.16616
38347	GLOBAL	Cartesian	26.92272	3.55	8.76254	No	26.92272	3.55	8.76254	38440	GLOBAL	Cartesian	26.92272	3.75	6.97922	No	26.92272	3.75	6.97922
38348	GLOBAL	Cartesian	26.92272	3.55	8.56565	No	26.92272	3.55	8.56565	38441	GLOBAL	Cartesian	26.92272	3.75	6.79238	No	26.92272	3.75	6.79238
38349	GLOBAL	Cartesian	26.92272	3.55	8.39136	No	26.92272	3.55	8.39136	38442	GLOBAL	Cartesian	26.92272	3.75	6.60447	No	26.92272	3.75	6.60447
38350	GLOBAL	Cartesian	26.92272	3.55	8.19519	No	26.92272	3.55	8.19519	38443	GLOBAL	Cartesian	26.92272	3.75	6.41816	No	26.92272	3.75	6.41816
38351	GLOBAL	Cartesian	26.92272	3.75	11.02651	No	26.92272	3.75	11.02651	38444	GLOBAL	Cartesian	26.92272	3.45	9.93722	No	26.92272	3.45	9.93722
38352	GLOBAL	Cartesian	26.92272	3.75	10.92603	No	26.92272	3.75	10.92603	38445	GLOBAL	Cartesian	26.92272	3.45	9.74133	No	26.92272	3.45	9.74133
38353	GLOBAL	Cartesian	26.92272	3.75	10.82797	No	26.92272	3.75	10.82797	38446	GLOBAL	Cartesian	26.92272	3.45	9.54627	No	26.92272	3.45	9.54627
38354	GLOBAL	Cartesian	26.92272	3.75	10.73044	No	26.92272	3.75	10.73044	38447	GLOBAL	Cartesian	26.92272	3.45	9.35072	No	26.92272	3.45	9.35072
38355	GLOBAL	Cartesian	26.92272	3.75	10.53486	No	26.92272	3.75	10.53486	38448	GLOBAL	Cartesian	26.92272	3.45	9.15466	No	26.92272	3.45	9.15466
38356	GLOBAL	Cartesian	26.92272	3.75	10.33928	No	26.92272	3.75	10.33928	38449	GLOBAL	Cartesian	26.92272	3.45	8.95816	No	26.92272	3.45	8.95816
38357	GLOBAL	Cartesian	26.92272	3.75	10.1437	No	26.92272	3.75	10.1437	38450	GLOBAL	Cartesian	26.92272	3.45	8.76166	No	26.92272	3.45	8.76166
38358	GLOBAL	Cartesian	26.92272	3.75	9.94811	No	26.92272	3.75	9.94811	38451	GLOBAL	Cartesian	26.92272	3.45	8.56567	No	26.92272	3.45	8.56567
38359	GLOBAL	Cartesian	26.92272	3.75	9.75253	No	26.92272	3.75	9.75253	38452	GLOBAL	Cartesian	26.92272	3.45	8.36922	No	26.92272	3.45	8.36922
38360	GLOBAL	Cartesian	26.92272	3.75	9.56958	No	26.92272	3.75	9.56958	38453	GLOBAL	Cartesian	26.92272	3.45	8.17322	No	26.92272	3.45	8.17322
38361	GLOBAL	Cartesian	26.92272	3.75	9.36136	No	26.92272	3.75	9.36136	38454	GLOBAL	Cartesian	26.92272	3.45	7.97738	No	26.92272	3.45	7.97738
38362	GLOBAL	Cartesian	26.92272	3.75	9.16578	No	26.92272	3.75	9.16578	38455	GLOBAL	Cartesian	26.92272	3.45	7.78133	No	26.92272	3.45	7.78133
38363	GLOBAL	Cartesian	26.92272	3.75	8.9702	No	26.92272	3.75	8.9702	38456	GLOBAL	Cartesian	26.92272	3.45	7.58538	No	26.92272	3.45	7.58538
38364	GLOBAL	Cartesian	26.92272	3.75	8.76254	No	26.92272	3.75	8.76254	38457	GLOBAL	Cartesian	26.92272	3.45	7.38944	No	26.92272	3.45	7.38944
38365	GLOBAL	Cartesian	26.92272	3.75	8.56565	No	26.92272	3.75	8.56565	38458	GLOBAL	Cartesian	26.92272	3.45	7.19344	No	26.92272	3.45	7.19344
38366	GLOBAL	Cartesian	26.92272	3.75	8.36922	No	26.92272	3.75	8.36922	38459	GLOBAL	Cartesian	26.92272	3.45	7.00011	No	26.92272	3.45	7.00011
38367	GLOBAL	Cartesian	26.92272	3.45	11.02651	No	26.92272	3.45	11.02651	38460	GLOBAL	Cartesian	26.92272	3.45	6.80447	No	26.92272	3.45	6.80447
38368	GLOBAL	Cartesian	26.92272	3.45	10.92603	No	26.92272	3.45	10.92603	38461	GLOBAL	Cartesian	26.92272	3.45	6.60816	No	26.92272	3.45	6.60816
38369	GLOBAL	Cartesian	26.92272	3.45	10.82797	No	26.92272	3.45	10.82797	38462	GLOBAL	Cartesian	26.92272	3.45	6.41222	No	26.92272	3.45	6.41222
38370	GLOBAL	Cartesian	26.92272	3.45	10.73044	No	26.92272	3.45	10.73044	38463	GLOBAL	Cartesian	26.92272	3.45	6.21622	No	26.92272	3.45	6.21622
38371	GLOBAL	Cartesian	26.92272	3.45	10.53486	No	26.92272	3.45	10.53486	38464	GLOBAL	Cartesian	26.92272	3.45	6.02022	No	26.92272	3.45	6.02022
38372	GLOBAL	Cartesian	26.92272	3.45	10.33928	No	26.92272	3.45	10.33928	38465	GLOBAL	Cartesian	26.92272	3.45	5.82422	No	26.92272	3.45	5.82422
38373	GLOBAL	Cartesian	26.92272	3.45	10.1437	No	26.92272	3.45	10.1437	38466	GLOBAL	Cartesian	26.92272	3.45	5.62822	No	26.92272	3.45	5.62822
38374	GLOBAL	Cartesian	26.92272	3.45	9.94811	No	26.92272	3.45	9.94811	38467	GLOBAL	Cartesian	26.92272	3.45	5.43222	No	26.92272	3.45	5.43222
38375	GLOBAL	Cartesian	26.92272	3.45	9.75253	No	26.92272	3.45	9.75253	38468	GLOBAL	Cartesian	26.92272	3.45	5.23622	No	26.92272	3.45	5.23622
38376	GLOBAL	Cartesian	26.92272	3.45	9.55665	No	26.92272	3.45	9.55665	38469	GLOBAL	Cartesian	26.92272	3.45	5.04022	No	26.92272	3.45	5.04022
38377	GLOBAL	Cartesian	26.92272	3.45	9.36136	No	26.92272	3.45	9.36136	38470	GLOBAL	Cartesian	26.92272	3.45	4.84422	No	26.92272	3.45	4.84422
38378	GLOBAL	Cartesian	26.92272	3.45	9.16578	No	26.92272	3.45	9.16578	38471	GLOBAL	Cartesian	26.92272	3.45	4.64816	No	26.92272	3.45	4.64816
38379	GLOBAL	Cartesian	26.92272	3.45	8.9702	No	26.92272	3.45	8.9702	38472	GLOBAL	Cartesian	26.92272	3.45	4.45216	No	26.92272	3.45	4.45216
38380	GLOBAL	Cartesian	26.92272	3.45	8.76254	No	26.92272	3.45	8.76254	38473	GLOBAL	Cartesian	26.92272	3.45	4.25616	No	26.92272	3.45	4.25616
38381	GLOBAL	Cartesian	26.92272	3.45	8.56565	No	26.92272	3.45	8.56565	38474	GLOBAL	Cartesian	26.92272	3.45	4.06016	No	26.92272	3.45	4.06016
38382	GLOBAL	Cartesian	26.92272	3.85	9.55665	No	26.92272	3.85	9.55665	38475	GLOBAL	Cartesian	26.92272	3.75	11.22177	No	26.92272	3.75	11.22177
38383	GLOBAL	Cartesian	26.92272	3.85	9.36136	No	26.92272	3.85	9.36136	38476	GLOBAL	Cartesian	26.92272	3.75	11.02651	No	26.92272	3.75	11.02651
38384	GLOBAL	Cartesian	26.92272	3.85	9.16578	No	26.92272	3.85	9.16578	38477	GLOBAL	Cartesian	26.92272	3.75	10.83053	No	26.92272	3.75	10.83053
38385	GLOBAL	Cartesian	26.92272	3.85	8.9702	No	26.92272	3.85	8.9702	38478	GLOBAL	Cartesian	26.92272	3.75	10.63453	No	26.92272	3.75	10.63453
38386	GLOBAL	Cartesian	26.92272	3.85	8.76254	No	26.92272	3.85	8.76254	38479	GLOBAL	Cartesian	26.92272	3.75	10.43853	No	26.92272	3.75	10.43853
38387	GLOBAL	Cartesian	26.92272	3.85	8.56565	No	26.92272	3.85	8.56565	38480	GLOBAL	Cartesian	26.92272	3.75	10.24253	No	26.92272	3.75	10.24253
38388	GLOBAL	Cartesian	26.92272	3.85	8.36922	No	26.92272	3.85	8.36922	38481	GLOBAL	Cartesian	26.92272	3.75	10.04653	No			

38612	GLOBAL	Cartesian	32 92288	3 45	9 37123	No	32 92288	3 45	9 37122	38606	GLOBAL	Cartesian	38 92288	3 55	10 55937	No	38 92288	3 55	10 55937
38613	GLOBAL	Cartesian	32 92288	3 45	9 18616	No	32 92288	3 45	9 18616	38607	GLOBAL	Cartesian	38 92288	3 55	9 67771	No	38 92288	3 55	9 67771
38614	GLOBAL	Cartesian	32 92288	3 45	9 00111	No	32 92288	3 45	9 00111	38608	GLOBAL	Cartesian	38 92288	3 55	9 48646	No	38 92288	3 55	9 48646
38615	GLOBAL	Cartesian	32 92288	3 45	8 62279	No	32 92288	3 45	8 62279	38609	GLOBAL	Cartesian	38 92288	3 55	9 29583	No	38 92288	3 55	9 29583
38616	GLOBAL	Cartesian	32 92288	3 45	8 64447	No	32 92288	3 45	8 64447	38610	GLOBAL	Cartesian	38 92288	3 55	9 29583	No	38 92288	3 55	9 29583
38617	GLOBAL	Cartesian	32 92288	3 45	8 46616	No	32 92288	3 45	8 46616	38611	GLOBAL	Cartesian	38 92288	3 55	9 10519	No	38 92288	3 55	9 10519
38618	GLOBAL	Cartesian	32 92288	3 85	11 32226	No	32 92288	3 85	11 32226	38612	GLOBAL	Cartesian	38 92288	3 55	8 91455	No	38 92288	3 55	8 91455
38619	GLOBAL	Cartesian	32 92288	3 85	11 22177	No	32 92288	3 85	11 22177	38613	GLOBAL	Cartesian	38 92288	3 55	8 73689	No	38 92288	3 55	8 73689
38620	GLOBAL	Cartesian	32 92288	3 85	11 03672	No	32 92288	3 85	11 03672	38614	GLOBAL	Cartesian	38 92288	3 55	8 55922	No	38 92288	3 55	8 55922
38621	GLOBAL	Cartesian	32 92288	3 85	10 85166	No	32 92288	3 85	10 85166	38615	GLOBAL	Cartesian	38 92288	3 75	8 38196	No	38 92288	3 75	8 38196
38622	GLOBAL	Cartesian	32 92288	3 85	10 66661	No	32 92288	3 85	10 66661	38616	GLOBAL	Cartesian	38 92288	3 75	10 73077	No	38 92288	3 75	10 73077
38623	GLOBAL	Cartesian	32 92288	3 85	10 48166	No	32 92288	3 85	10 48166	38617	GLOBAL	Cartesian	38 92288	3 75	10 55972	No	38 92288	3 75	10 55972
38624	GLOBAL	Cartesian	32 92288	3 85	10 29685	No	32 92288	3 85	10 29685	38618	GLOBAL	Cartesian	38 92288	3 75	10 50319	No	38 92288	3 75	10 50319
38625	GLOBAL	Cartesian	32 92288	3 85	10 11144	No	32 92288	3 85	10 11144	38619	GLOBAL	Cartesian	38 92288	3 75	10 43964	No	38 92288	3 75	10 43964
38626	GLOBAL	Cartesian	32 92288	3 85	9 92638	No	32 92288	3 85	9 92638	38620	GLOBAL	Cartesian	38 92288	3 75	10 24901	No	38 92288	3 75	10 24901
38627	GLOBAL	Cartesian	32 92288	3 85	9 74133	No	32 92288	3 85	9 74133	38621	GLOBAL	Cartesian	38 92288	3 75	10 24901	No	38 92288	3 75	10 24901
38628	GLOBAL	Cartesian	32 92288	3 85	9 55627	No	32 92288	3 85	9 55627	38622	GLOBAL	Cartesian	38 92288	3 75	10 05937	No	38 92288	3 75	10 05937
38629	GLOBAL	Cartesian	32 92288	3 85	9 37122	No	32 92288	3 85	9 37122	38623	GLOBAL	Cartesian	38 92288	3 75	9 86771	No	38 92288	3 75	9 86771
38630	GLOBAL	Cartesian	32 92288	3 85	9 18616	No	32 92288	3 85	9 18616	38624	GLOBAL	Cartesian	38 92288	3 75	9 67771	No	38 92288	3 75	9 67771
38631	GLOBAL	Cartesian	32 92288	3 85	9 00111	No	32 92288	3 85	9 00111	38625	GLOBAL	Cartesian	38 92288	3 75	9 48646	No	38 92288	3 75	9 48646
38632	GLOBAL	Cartesian	32 92288	3 85	8 82279	No	32 92288	3 85	8 82279	38626	GLOBAL	Cartesian	38 92288	3 75	9 29583	No	38 92288	3 75	9 29583
38633	GLOBAL	Cartesian	32 92288	3 85	8 64447	No	32 92288	3 85	8 64447	38627	GLOBAL	Cartesian	38 92288	3 75	9 10519	No	38 92288	3 75	9 10519
38634	GLOBAL	Cartesian	32 92288	3 85	8 46616	No	32 92288	3 85	8 46616	38628	GLOBAL	Cartesian	38 92288	3 75	8 91455	No	38 92288	3 75	8 91455
38635	GLOBAL	Cartesian	32 92288	3 55	11 02651	No	32 92288	3 55	11 02651	38629	GLOBAL	Cartesian	38 92288	3 75	8 73689	No	38 92288	3 75	8 73689
38636	GLOBAL	Cartesian	32 92288	3 55	10 82033	No	32 92288	3 55	10 82033	38630	GLOBAL	Cartesian	38 92288	3 75	8 55922	No	38 92288	3 75	8 55922
38637	GLOBAL	Cartesian	32 92288	3 55	10 62797	No	32 92288	3 55	10 62797	38631	GLOBAL	Cartesian	38 92288	3 75	8 38196	No	38 92288	3 75	8 38196
38638	GLOBAL	Cartesian	32 92288	3 55	10 43964	No	32 92288	3 55	10 43964	38632	GLOBAL	Cartesian	38 92288	3 45	10 73077	No	38 92288	3 45	10 73077
38639	GLOBAL	Cartesian	32 92288	3 55	10 25486	No	32 92288	3 55	10 25486	38633	GLOBAL	Cartesian	38 92288	3 45	10 63028	No	38 92288	3 45	10 63028
38640	GLOBAL	Cartesian	32 92288	3 55	10 06948	No	32 92288	3 55	10 06948	38634	GLOBAL	Cartesian	38 92288	3 45	10 55674	No	38 92288	3 45	10 55674
38641	GLOBAL	Cartesian	32 92288	3 55	9 88411	No	32 92288	3 55	9 88411	38635	GLOBAL	Cartesian	38 92288	3 45	10 43964	No	38 92288	3 45	10 43964
38642	GLOBAL	Cartesian	32 92288	3 55	9 69565	No	32 92288	3 55	9 69565	38636	GLOBAL	Cartesian	38 92288	3 45	10 24901	No	38 92288	3 45	10 24901
38643	GLOBAL	Cartesian	32 92288	3 55	9 50959	No	32 92288	3 55	9 50959	38637	GLOBAL	Cartesian	38 92288	3 45	10 05937	No	38 92288	3 45	10 05937
38644	GLOBAL	Cartesian	32 92288	3 55	9 32136	No	32 92288	3 55	9 32136	38638	GLOBAL	Cartesian	38 92288	3 45	9 86771	No	38 92288	3 45	9 86771
38645	GLOBAL	Cartesian	32 92288	3 55	9 13683	No	32 92288	3 55	9 13683	38639	GLOBAL	Cartesian	38 92288	3 45	9 67771	No	38 92288	3 45	9 67771
38646	GLOBAL	Cartesian	32 92288	3 55	8 95022	No	32 92288	3 55	8 95022	38640	GLOBAL	Cartesian	38 92288	3 45	9 48646	No	38 92288	3 45	9 48646
38647	GLOBAL	Cartesian	32 92288	3 55	8 76524	No	32 92288	3 55	8 76524	38641	GLOBAL	Cartesian	38 92288	3 45	9 29583	No	38 92288	3 45	9 29583
38648	GLOBAL	Cartesian	32 92288	3 55	8 58028	No	32 92288	3 55	8 58028	38642	GLOBAL	Cartesian	38 92288	3 45	9 10519	No	38 92288	3 45	9 10519
38649	GLOBAL	Cartesian	32 92288	3 55	8 39532	No	32 92288	3 55	8 39532	38643	GLOBAL	Cartesian	38 92288	3 45	8 91455	No	38 92288	3 45	8 91455
38650	GLOBAL	Cartesian	32 92288	3 55	8 13723	No	32 92288	3 55	8 13723	38644	GLOBAL	Cartesian	38 92288	3 45	8 73689	No	38 92288	3 45	8 73689
38651	GLOBAL	Cartesian	32 92288	3 75	11 02651	No	32 92288	3 75	11 02651	38645	GLOBAL	Cartesian	38 92288	3 45	8 55922	No	38 92288	3 45	8 55922
38652	GLOBAL	Cartesian	32 92288	3 75	10 82033	No	32 92288	3 75	10 82033	38646	GLOBAL	Cartesian	38 92288	3 45	8 38196	No	38 92288	3 45	8 38196
38653	GLOBAL	Cartesian	32 92288	3 75	10 62797	No	32 92288	3 75	10 62797	38647	GLOBAL	Cartesian	38 92288	3 85	10 73077	No	38 92288	3 85	10 73077
38654	GLOBAL	Cartesian	32 92288	3 75	10 43964	No	32 92288	3 75	10 43964	38648	GLOBAL	Cartesian	38 92288	3 85	10 63028	No	38 92288	3 85	10 63028
38655	GLOBAL	Cartesian	32 92288	3 75	10 25486	No	32 92288	3 75	10 25486	38649	GLOBAL	Cartesian	38 92288	3 85	10 17077	No	38 92288	3 85	10 17077
38656	GLOBAL	Cartesian	32 92288	3 75	10 06948	No	32 92288	3 75	10 06948	38650	GLOBAL	Cartesian	38 92288	3 85	9 90567	No	38 92288	3 85	9 90567
38657	GLOBAL	Cartesian	32 92288	3 75	9 88411	No	32 92288	3 75	9 88411	38651	GLOBAL	Cartesian	38 92288	3 85	9 72038	No	38 92288	3 85	9 72038
38658	GLOBAL	Cartesian	32 92288	3 75	9 69565	No	32 92288	3 75	9 69565	38652	GLOBAL	Cartesian	38 92288	3 85	9 53584	No	38 92288	3 85	9 53584
38659	GLOBAL	Cartesian	32 92288	3 75	9 50959	No	32 92288	3 75	9 50959	38653	GLOBAL	Cartesian	38 92288	3 85	9 35037	No	38 92288	3 85	9 35037
38660	GLOBAL	Cartesian	32 92288	3 75	9 32136	No	32 92288	3 75	9 32136	38654	GLOBAL	Cartesian	38 92288	3 85	9 16578	No	38 92288	3 85	9 16578
38661	GLOBAL	Cartesian	32 92288	3 75	9 13683	No	32 92288	3 75	9 13683	38655	GLOBAL	Cartesian	38 92288	3 85	8 97771	No	38 92288	3 85	8 97771
38662	GLOBAL	Cartesian	32 92288	3 75	8 95022	No	32 92288	3 75	8 95022	38656	GLOBAL	Cartesian	38 92288	3 85	8 78674	No	38 92288	3 85	8 78674
38663	GLOBAL	Cartesian	32 92288	3 75	8 76524	No	32 92288	3 75	8 76524	38657	GLOBAL	Cartesian	38 92288	3 85	8 60066	No	38 92288	3 85	8 60066
38664	GLOBAL	Cartesian	32 92288	3 75	8 58028	No	32 92288	3 75	8 58028	38658	GLOBAL	Cartesian	38 92288	3 85	8 41489	No	38 92288	3 85	8 41489
38665	GLOBAL	Cartesian	32 92288	3 75	8 39532	No	32 92288	3 75	8 39532	38659	GLOBAL	Cartesian	38 92288	3 85	8 23928	No	38 92288	3 85	8 23928
38666	GLOBAL	Cartesian	32 92288	3 75	8 16578	No	32 92288	3 75	8 16578	38660	GLOBAL	Cartesian	38 92288	3 85	8 07091	No	38 92288	3 85	8 07091
38667	GLOBAL	Cartesian	32 92288	3 45	11 02651	No	32 92288	3 45	11 02651	38661	GLOBAL	Cartesian	38 92288	3 85	7 88546	No	38 92288	3 85	7 88546
38668	GLOBAL	Cartesian	32 92288	3 45	10 82033	No	32 92288	3 45	10 82033	38662	GLOBAL	Cartesian	38 92288	3 85	7 69045	No	38 92288	3 85	7 69045
38669	GLOBAL	Cartesian	32 92288	3 45	10 62797	No	32 92288	3 45	10 62797	38663	GLOBAL	Cartesian	38 92288	3 85	7 49548	No	38 92288	3 85	7 49548
38670	GLOBAL	Cartesian	32 92288	3 45	10 43964	No	32 92288	3 45	10 43964	38664	GLOBAL	Cartesian	38 92288	3 85	7 30049	No	38 92288	3 85	7 30049
38671	GLOBAL	Cartesian	32 92288	3 45	10 25486	No	32 92288	3 45	10 25486	38665	GLOBAL	Cartesian	38 92288	3 85	7 10552	No	38 92288	3 85	7 10552
38672	GLOBAL	Cartesian	32 92288	3 45	10 06948	No	32 92288	3 45	10 06948	38666	GLOBAL	Cartesian	38 92288	3 85	6 91041	No	38 92288	3 85	6 91041
38673	GLOBAL	Cartesian	32 92288	3 45	9 88411	No	32 92288	3 45	9 88411	38667	GLOBAL	Cartesian	38 92288	3 85	6 71544	No	38 92288	3 85	6 71544
38674	GLOBAL	Cartesian	32 92288	3 45	9 69565	No	32 92288	3 45	9 69565	38668	GLOBAL	Cartesian							

[illegible]

TABLE: Corrosivity Area

Area	Number	Joint	Joint2	Joint3	Joint4	Perimeter	Area	Volume	Centroid	CentroidZ	
Text	Text	Text	Text	Text	Text	m	m2	m3	m	CentroidZ	
22	4 126	149	154	155	156	2.05105	0.2736	0.32632	9.19174	4.10426	3.02632
23	4 273	274	284	285	286	1.475	0.1075	0.026875	6.97272	-0.1	3.98687
24	4 309	308	310	311	312	1.475	0.1075	0.026875	6.97272	-0.1	3.98687
25	4 309	308	310	311	312	1.475	0.1075	0.026875	6.97272	-0.1	3.98687
26	4 140	148	149	150	151	1.475	0.1075	0.026875	6.97272	-0.1	3.98687
27	4 317	314	316	321	324	1.475	0.1075	0.026875	6.97272	-0.1	3.98687
28	4 321	318	322	325	328	1.475	0.1075	0.026875	6.97272	-0.1	3.98687
29	4 325	322	326	329	331	1.475	0.1075	0.026875	6.97272	-0.1	3.98687
30	4 329	328	330	331	332	1.475	0.1075	0.026875	6.97272	-0.1	3.98687
31	4 329	328	330	331	332	1.475	0.1075	0.026875	6.97272	-0.1	3.98687
32	4 271	270	271	272	273	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
33	4 271	270	271	272	273	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
34	4 308	332	333	334	335	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
35	4 310	333	334	335	336	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
36	4 314	334	335	336	337	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
37	4 318	335	336	337	338	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
38	4 322	338	339	340	341	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
39	4 322	338	339	340	341	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
40	4 330	338	339	340	341	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
41	4 1031	270	270	270	270	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
42	4 160	151	152	152	152	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
43	4 332	339	340	340	340	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
44	4 333	340	341	341	341	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
45	4 333	340	341	341	341	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
46	4 335	342	343	343	343	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
47	4 151	141	136	152	152	1.72605	0.175407	0.021048	6.97272	-0.36301	4.51137
48	4 336	343	344	344	344	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
49	4 337	344	345	345	345	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
50	4 338	345	346	346	346	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
51	4 339	346	347	347	347	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
52	4 339	346	347	347	347	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
53	4 340	347	348	348	348	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
54	4 341	348	349	349	349	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
55	4 342	349	350	350	350	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
56	4 343	350	351	351	351	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
57	4 344	351	352	352	352	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
58	4 345	352	353	353	353	2.48055	0.37735	0.04454	6.97272	0.35138	3.98687
59	4 1029	1027	1027	1027	1027	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
60	4 346	353	354	354	354	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
61	4 347	354	355	355	355	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
62	4 239	142	138	277	277	1.55419	0.121959	0.016351	6.9152	-2.9122	3.9262
63	4 348	355	356	356	356	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
64	4 349	356	357	357	357	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
65	4 350	357	358	358	358	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
66	4 351	358	359	359	359	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
67	4 352	359	360	360	360	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
68	4 1027	1025	1025	1025	1025	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
69	4 353	360	361	361	361	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
70	4 354	361	362	362	362	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
71	4 355	362	363	363	363	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
72	4 152	136	135	284	284	1.67261	0.182268	0.019621	8.6972	-2.86301	3.9262
73	4 284	135	146	288	288	0.95566	0.04544	0.009453	8.3674	-0.36301	3.9262
74	4 356	363	364	364	364	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
75	4 285	131	132	273	273	1.17201	0.084764	0.01717	7.1022	-0.36301	3.9262
76	4 357	364	365	365	365	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
77	4 358	365	366	366	366	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
78	4 359	366	367	367	367	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
79	4 1025	275	307	380	380	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
80	4 360	367	368	368	368	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
81	4 142	119	138	138	138	1.527163	0.121388	0.01463	9.9196	-2.7824	3.9262
82	4 361	368	369	369	369	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
83	4 362	369	370	370	370	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
84	4 363	370	371	371	371	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
85	4 364	371	372	372	372	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
86	4 365	372	373	373	373	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
87	4 366	373	374	374	374	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
88	4 244	152	203	203	203	1.42	0.102	0.0124	8.6972	-0.1	3.9262
89	4 245	153	204	204	204	1.42	0.102	0.0124	8.6972	-0.1	3.9262
90	4 275	276	276	276	276	1.475	0.1075	0.026875	6.97272	3.75	3.98137
91	4 292	295	273	274	274	0.92	0.052	0.0064	7.1022	-0.1	3.9262
92	4 367	374	375	375	375	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
93	4 368	375	376	376	376	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
94	4 369	376	377	377	377	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
95	4 370	377	378	378	378	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
96	4 371	378	379	379	379	2.197238	0.301601	0.0754	6.97272	2.2472	3.98687
97	4 372	379	380	373	380	1.475	0.1075	0.026875	6.97272	3.75	3.98137
98	4 373	380	384	384	384	1.475	0.1075	0.026875	6.97272	3.75	3.98137
99	4 276	269	281	374	374	2.09234	0.083532	0.008352	4.10426	3.96137	4.78
100	4 138	138	287	157	157	1.47	0.11475	0.01377	8.6972	3.9262	4.79
101	4 377	377	124	147	147	0.73536	0.034131	0.004131	8.3674	-2.7824	3.9262
102	4 378	378	144	144	144	0.73536	0.034131	0.004131	8.3674	-2.7824	3.9262
103	4 134	298	144	133	133	0.97	0.0565	0.0072	7.1022	-0.1	3.9262
104	4 375	382	383	376	376	2.09234	0.083532	0.008352	4.10426	4.78	4.78
105	4 376	383	384	377	377	2.09234	0.083532	0.008352	4.10426	4.78	4.78
106	4 377	384	385	378	378	2.09234	0.083532	0.008352	4.10426	4.78	4.78
107	4 378	385	386	379	379	2.09234	0.083532	0.008352	4.10426	4.78	4.78
108	4 379	386	387	380	381	2.09234	0.083532	0.008352	4.10426	4.78	4.78
109	4 380	387	388	381	381	2.09234	0.083532	0.008352	4.10426	4.78	4.78
110	4 269	1033	385	381	381	1.92639	0.239789	0.037197	6.97272	4.57135	4.98
111	4 381	388	389	382	382	1.92639	0.239789	0.037197	6.97272	4.57135	4.98
112	4 382	389	390	383	383	1.92639	0.239789	0.037197	6.97272	4.57135	4.98
113	4 383	390	391	384	384	1.92639	0.239789	0.037197	6.97272	4.57135	4.98
114	4 384	391	392	385	385	1.92639	0.239789	0.037197	6.97272	4.57135	4.98
115	4 385	392	386	387	387	1.92639	0.239789	0.037197	6.97272	4.57135	4.98
116	4 386	393	384	387	387	1.92639	0.239789	0.037197	6.97272	4.57135	4.98
117	4 387	394	385	388	388	1.92639	0.239789	0.037197	6.97272	4.57135	4.98
118	4 1033	395	386	389	389	1.92639	0.239789	0.037197	6.97272	4.57135	4.98

[illegible]

1121	4.1178	9.67	9.68	11.89	1.3	0.096425	8.0272	-2.1828	5.0512	1334	4.1481	1431	1432	1482	2.81	0.2565	54.7772	-2.6282	9.3012
1141	4.1187	13.07	12.51	11.88	1.12	0.078	54.0572	-0.5202	5.4262	1335	4.1482	1432	1433	1483	2.81	0.2565	54.7772	-2.6282	9.3012
1142	4.1307	13.08	12.53	12.51	1.12	0.078	54.0572	-0.5202	5.1922	1336	4.1483	1433	1434	1484	2.81	0.2565	54.7772	-2.6282	9.3012
1143	4.1308	13.09	12.55	12.53	1.12	0.078	54.0572	-0.5202	4.8922	1337	4.1484	1434	1299	1713	2.81	0.2565	54.7772	-2.6282	8.9512
1144	4.1309	13.10	12.57	12.55	1.12	0.078	54.0572	-0.5202	4.5922	1338	4.1485	1435	1435	1465	2.81	0.2565	54.7772	-2.6282	8.9512
1145	4.1310	13.11	12.59	12.57	1.12	0.078	54.0572	-0.5202	4.2922	1339	4.1486	1435	1436	1466	2.81	0.2565	54.7772	-2.6282	8.9512
1146	4.1311	13.12	12.61	12.59	1.12	0.078	54.0572	-0.5202	3.9922	1340	4.1487	1436	1437	1467	2.81	0.2565	54.7772	-2.6282	8.9512
1147	4.1312	13.13	12.63	12.61	1.12	0.078	54.0572	-0.5202	3.6922	1341	4.1488	1437	1438	1468	2.81	0.2565	54.7772	-2.6282	8.9512
1148	4.1313	13.14	12.65	12.63	1.12	0.078	54.0572	-0.5202	3.3922	1342	4.1489	1438	1439	1469	2.81	0.2565	54.7772	-2.6282	8.9512
1149	4.1314	13.15	12.67	12.65	1.12	0.078	54.0572	-0.5202	3.0922	1343	4.1490	1439	1440	1470	2.81	0.2565	54.7772	-2.6282	8.9512
1150	4.1315	13.16	12.69	12.67	1.12	0.078	54.0572	-0.5202	2.7922	1344	4.1491	1440	1441	1471	2.81	0.2565	54.7772	-2.6282	8.9512
1151	4.1316	13.17	12.71	12.69	1.12	0.078	54.0572	-0.5202	2.4922	1345	4.1492	1441	1442	1472	2.81	0.2565	54.7772	-2.6282	8.9512
1152	4.1317	13.18	12.73	12.71	1.12	0.078	54.0572	-0.5202	2.1922	1346	4.1493	1442	1443	1473	2.81	0.2565	54.7772	-2.6282	8.9512
1153	4.1318	13.19	12.75	12.73	1.12	0.078	54.0572	-0.5202	1.8922	1347	4.1494	1443	1444	1474	2.81	0.2565	54.7772	-2.6282	8.9512
1154	4.1319	13.20	12.77	12.75	1.12	0.078	54.0572	-0.5202	1.5922	1348	4.1495	1444	1445	1475	2.81	0.2565	54.7772	-2.6282	8.9512
1155	4.1320	13.21	12.79	12.77	1.12	0.078	54.0572	-0.5202	1.2922	1349	4.1496	1445	1446	1476	2.81	0.2565	54.7772	-2.6282	8.9512
1156	4.1321	13.22	12.81	12.79	1.12	0.078	54.0572	-0.5202	0.9922	1350	4.1497	1446	1447	1477	2.81	0.2565	54.7772	-2.6282	8.9512
1157	4.1322	13.23	12.83	12.81	1.12	0.078	54.0572	-0.5202	0.6922	1351	4.1498	1447	1448	1478	2.81	0.2565	54.7772	-2.6282	8.9512
1158	4.1323	13.24	12.85	12.83	1.12	0.078	54.0572	-0.5202	0.3922	1352	4.1499	1448	1449	1479	2.81	0.2565	54.7772	-2.6282	8.9512
1159	4.1324	13.25	12.87	12.85	1.12	0.078	54.0572	-0.5202	0.0922	1353	4.1500	1449	1450	1480	2.81	0.2565	54.7772	-2.6282	8.9512
1160	4.1325	13.26	12.89	12.87	1.12	0.078	54.0572	-0.5202	-0.2078	1354	4.1501	1450	1451	1481	2.81	0.2565	54.7772	-2.6282	8.9512
1161	4.1326	13.27	12.91	12.89	1.12	0.078	54.0572	-0.5202	-0.5078	1355	4.1502	1451	1452	1482	2.81	0.2565	54.7772	-2.6282	8.9512
1162	4.1327	13.28	12.93	12.91	1.12	0.078	54.0572	-0.5202	-0.8078	1356	4.1503	1452	1453	1483	2.81	0.2565	54.7772	-2.6282	8.9512
1163	4.1328	13.29	12.95	12.93	1.12	0.078	54.0572	-0.5202	-1.1078	1357	4.1504	1453	1454	1484	2.81	0.2565	54.7772	-2.6282	8.9512
1164	4.1329	13.30	12.97	12.95	1.12	0.078	54.0572	-0.5202	-1.4078	1358	4.1505	1454	1455	1485	2.81	0.2565	54.7772	-2.6282	8.9512
1165	4.1330	13.31	12.99	12.97	1.12	0.078	54.0572	-0.5202	-1.7078	1359	4.1506	1455	1456	1486	2.81	0.2565	54.7772	-2.6282	8.9512
1166	4.1331	13.32	13.01	12.99	1.12	0.078	54.0572	-0.5202	-2.0078	1360	4.1507	1456	1457	1487	2.81	0.2565	54.7772	-2.6282	8.9512
1167	4.1332	13.33	13.03	13.01	1.12	0.078	54.0572	-0.5202	-2.3078	1361	4.1508	1457	1458	1488	2.81	0.2565	54.7772	-2.6282	8.9512
1168	4.1333	13.34	13.05	13.03	1.12	0.078	54.0572	-0.5202	-2.6078	1362	4.1509	1458	1459	1489	2.81	0.2565	54.7772	-2.6282	8.9512
1169	4.1334	13.35	13.07	13.05	1.12	0.078	54.0572	-0.5202	-2.9078	1363	4.1510	1459	1460	1490	2.81	0.2565	54.7772	-2.6282	8.9512
1170	4.1335	13.36	13.09	13.07	1.12	0.078	54.0572	-0.5202	-3.2078	1364	4.1511	1460	1461	1491	2.81	0.2565	54.7772	-2.6282	8.9512
1171	4.1336	13.37	13.11	13.09	1.12	0.078	54.0572	-0.5202	-3.5078	1365	4.1512	1461	1462	1492	2.81	0.2565	54.7772	-2.6282	8.9512
1172	4.1337	13.38	13.13	13.11	1.12	0.078	54.0572	-0.5202	-3.8078	1366	4.1513	1462	1463	1493	2.81	0.2565	54.7772	-2.6282	8.9512
1173	4.1338	13.39	13.15	13.13	1.12	0.078	54.0572	-0.5202	-4.1078	1367	4.1514	1463	1464	1494	2.81	0.2565	54.7772	-2.6282	8.9512
1174	4.1339	13.40	13.17	13.15	1.12	0.078	54.0572	-0.5202	-4.4078	1368	4.1515	1464	1465	1495	2.81	0.2565	54.7772	-2.6282	8.9512
1175	4.1340	13.41	13.19	13.17	1.12	0.078	54.0572	-0.5202	-4.7078	1369	4.1516	1465	1466	1496	2.81	0.2565	54.7772	-2.6282	8.9512
1176	4.1341	13.42	13.21	13.19	1.12	0.078	54.0572	-0.5202	-5.0078	1370	4.1517	1466	1467	1497	2.81	0.2565	54.7772	-2.6282	8.9512
1177	4.1342	13.43	13.23	13.21	1.12	0.078	54.0572	-0.5202	-5.3078	1371	4.1518	1467	1468	1498	2.81	0.2565	54.7772	-2.6282	8.9512
1178	4.1343	13.44	13.25	13.23	1.12	0.078	54.0572	-0.5202	-5.6078	1372	4.1519	1468	1469	1499	2.81	0.2565	54.7772	-2.6282	8.9512
1179	4.1344	13.45	13.27	13.25	1.12	0.078	54.0572	-0.5202	-5.9078	1373	4.1520	1469	1470	1500	2.81	0.2565	54.7772	-2.6282	8.9512
1180	4.1345	13.46	13.29	13.27	1.12	0.078	54.0572	-0.5202	-6.2078	1374	4.1521	1470	1471	1501	2.81	0.2565	54.7772	-2.6282	8.9512
1181	4.1346	13.47	13.31	13.29	1.12	0.078	54.0572	-0.5202	-6.5078	1375	4.1522	1471	1472	1502	2.81	0.2565	54.7772	-2.6282	8.9512
1182	4.1347	13.48	13.33	13.31	1.12	0.078	54.0572	-0.5202	-6.8078	1376	4.1523	1472	1473	1503	2.81	0.2565	54.7772	-2.6282	8.9512
1183	4.1348	13.49	13.35	13.33	1.12	0.078	54.0572	-0.5202	-7.1078	1377	4.1524	1473	1474	1504	2.81	0.2565	54.7772	-2.6282	8.9512
1184	4.1349	13.50	13.37	13.35	1.12	0.078	54.0572	-0.5202	-7.4078	1378	4.1525	1474	1475	1505	2.81	0.2565	54.7772	-2.6282	8.9512
1185	4.1350	13.51	13.39	13.37	1.12	0.078	54.0572	-0.5202	-7.7078	1379	4.1526	1475	1476	1506	2.81	0.2565	54.7772	-2.6282	8.9512
1186	4.1351	13.52	13.41	13.39	1.12	0.078	54.0572	-0.5202	-8.0078	1380	4.1527	1476	1477	1507	2.81	0.2565	54.7772	-2.6282	8.9512
1187	4.1352	13.53	13.43	13.41	1.12	0.078	54.0572	-0.5202	-8.3078	1381	4.1528	1477	1478	1508	2.81	0.2565	54.7772	-2.6282	8.9512
1188	4.1353	13.54	13.45	13.43	1.12	0.078	54.0572	-0.5202	-8.6078	1382	4.1529	1478	1479	1509	2.81	0.2565	54.7772	-2.6282	8.9512
1189	4.1354	13.55	13.47	13.45	1.12	0.078	54.0572	-0.5202	-8.9078	1383	4.1530	1479	1480	1510	2.81	0.2565	54.7772	-2.6282	8.9512
1190	4.1355	13.56	13.49	13.47	1.12	0.078	54.0572	-0.5202	-9.2078	1384	4.1531	1480	1481	1511	2.81	0.2565	54.7772	-2.6282	8.9512
1191	4.1356	13.57	13.51	13.49	1.12	0.078	54.0572	-0.5202	-9.5078	1385	4.1532	1481	1482	1512	2.81	0.2565	54.7772	-2.6282	8.9512
1192	4.1357	13.58	13.53	13.51	1.12	0.078	54.0572	-0.5202	-9.8078	1386	4.1533	1482	1483	1513	2.81	0.2565	54.7772	-2.6282	8.9512
1193	4.1358	13.59	13.55	13.53	1.12	0.078	54.0572	-0.5202	-10.1078	1387	4.1534	1483	1484	1514	2.81	0.2565	54.7772	-2.6282	8.9512
1194	4.1359	13.60	13.57	13.55	1.12	0.078	54.0572	-0.5202	-10.4078	1388	4.1535	1484	1485	1515	2.81	0.2565	54.7772	-2.6282	8.9512
1195	4.1360	13.61	13.59	13.57	1.12	0.078	54.0572	-0.5202	-10.7078	1389	4.1536	1485	1486	1516	2.81	0.2565	54.7772	-2.6282	8.9512
1196	4.1361	13.62	13.61	13.59	1.12	0.078	54.0572	-0.5202	-11.0078	1390	4.1537	1486	1487	1517	2.81	0.2565	54.7772	-2.6282	8.9512
1197	4.1362	13.63	13.63	13.61	1.12	0.078	54.0572	-0.5202	-11.3078	1391	4.1538	1487	1488	1518	2.81	0.2565	54.7772	-2.6282	8.9512
1198	4.1363	13.64	13.65	13.63	1.12	0.078	54.0572	-0.5202	-11.6078	1392	4.1539	1488	1489	1519	2.81	0.2565	54.7772	-2.6282	8.9512
1199	4.1364</																		

1761	1762	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215
4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534	4.7534																															

2115	4.1978	190	189	200	0.07	0.0565	0.0702	55.7428	4.4282	2.7382	4.4282	2232	4.2054	2065	201	2030	1.834738	0.207642	0.103821	53.9228	2.8832	4.75199
2116	4.1388	1979	1935	1356	0.00235	0.007835	0.006959	53.8272	-2.0246	-4.5922	4.5922	2233	4.2056	1824	1905	2031	1.834738	0.207642	0.103821	53.9228	2.8832	4.75199
2117	4.1979	1337	1338	1535	0.00225	0.007835	0.006959	53.8272	-2.0246	-4.5922	4.5922	2235	4.2054	2066	2057	2033	1.834738	0.207642	0.103821	53.9228	2.8832	4.75199
2118	4.1309	1980	1936	1310	0.00918	0.07198	0.01847	54.3077	-0.5262	-4.5922	4.5922	2236	4.2033	2057	2028	2034	2.515119	0.345844	0.17282	53.9228	4.7847	5.97074
2119	4.1309	1981	1937	1536	0.00366	0.0459	0.01398	54.5066	-0.5262	-4.5922	4.5922	2237	4.2034	2058	2059	2035	2.515119	0.345844	0.17282	53.9228	4.7847	5.97074
2121	4.1459	1480	1938	1562	0.07006	0.07006	0.00992	55.74271	-0.5262	-4.5922	4.5922	2238	4.2035	2059	2036	2036	2.515119	0.345844	0.17282	53.9228	4.7847	5.97074
2122	4.1412	1413	1939	1983	0.00918	0.07198	0.01847	54.3077	-0.5262	-4.5922	4.5922	2240	4.2037	2062	2038	2037	2.515119	0.345844	0.17282	53.9228	4.7847	5.97074
2124	4.1984	1939	1940	1984	0.00366	0.0459	0.01398	54.5066	-0.5262	-4.5922	4.5922	2242	4.2021	2062	2039	2038	2.515119	0.345844	0.17282	53.9228	4.7847	5.97074
2125	4.1984	1940	1941	1984	0.00366	0.0459	0.01398	54.5066	-0.5262	-4.5922	4.5922	2243	4.2022	2063	2042	2039	2.515119	0.345844	0.17282	53.9228	4.7847	5.97074
2126	4.1535	1985	1941	1535	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2244	4.2023	2064	2043	2040	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2127	4.1985	1512	1513	1841	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2245	4.2024	2065	2044	2041	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2128	4.1985	1512	1513	1841	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2246	4.2025	2066	2045	2042	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2129	4.1985	1512	1513	1841	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2247	4.2026	2067	2046	2043	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2130	4.1985	1512	1513	1841	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2248	4.2027	2068	2047	2044	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2131	4.1985	1512	1513	1841	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2249	4.2028	2069	2048	2045	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2132	4.1985	1512	1513	1841	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2250	4.2029	2070	2049	2046	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2133	4.1974	1988	1989	1975	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2251	4.2030	2071	2050	2047	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2134	4.1975	1989	1918	1975	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2252	4.2031	2072	2051	2048	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2135	4.216	242	1990	1959	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2253	4.2032	2073	2052	2049	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2136	4.1989	1990	1991	1960	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2254	4.2033	2074	2053	2050	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2137	4.1989	1990	1991	1960	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2255	4.2034	2075	2054	2051	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2138	4.1989	1990	1991	1960	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2256	4.2035	2076	2055	2052	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2139	4.1989	1990	1991	1960	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2257	4.2036	2077	2056	2053	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2140	4.1989	1990	1991	1960	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2258	4.2037	2078	2057	2054	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2141	4.1989	1990	1991	1960	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2259	4.2038	2079	2058	2055	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2142	4.3043	1933	1934	1933	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2260	4.2039	2080	2059	2056	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2143	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2261	4.2040	2081	2060	2057	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2144	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2262	4.2041	2082	2061	2058	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2145	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2263	4.2042	2083	2062	2059	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2146	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2264	4.2043	2084	2063	2060	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2147	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2265	4.2044	2085	2064	2061	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2148	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2266	4.2045	2086	2065	2062	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2149	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2267	4.2046	2087	2066	2063	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2150	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2268	4.2047	2088	2067	2064	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2151	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2269	4.2048	2089	2068	2065	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2152	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2270	4.2049	2090	2069	2066	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2153	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2271	4.2050	2091	2070	2067	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2154	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2272	4.2051	2092	2071	2068	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2155	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2273	4.2052	2093	2072	2069	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2156	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2274	4.2053	2094	2073	2070	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2157	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2275	4.2054	2095	2074	2071	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2158	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2276	4.2055	2096	2075	2072	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2159	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2277	4.2056	2097	2076	2073	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2160	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2278	4.2057	2098	2077	2074	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2161	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2279	4.2058	2099	2078	2075	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2162	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2280	4.2059	2100	2079	2076	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2163	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2281	4.2060	2101	2080	2077	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2164	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2282	4.2061	2102	2081	2078	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2165	4.1928	1999	1999	1999	0.00942	0.07006	0.01398	55.74271	-0.5262	-4.5922	4.5922	2283	4.2062	2103	2082	2079	1.72555	0.156718	0.18062	53.9228	5.4262	4.4262
2166	4.1928	1999	1999	1999	0.009																	

2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292	3293	3294	3295	3296	3297	3298	3299	3300	3301	3302	3303	3304	3305	3306	3307	3308	3309	3310	3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329	3330	3331	3332	3333	3334	3335	3336	3337	3338	3339	3340	3341	3342	3343	3344	3345	3346	3347	3348	3349	3350	3351	3352	3353	3354	3355	3356	3357	3358	3359	3360	3361	3362	3363	3364	3365	3366	3367	3368	3369	3370	3371	3372	3373	3374	3375	3376	3377	3378	3379	3380	3381	3382	3383	3384	3385	3386	3387	3388	3389	3390	3391	3392	3393	3394	3395	3396	3397	3398	3399	3400	3401	3402	3403	3404	3405	3406	3407	3408	3409	3410	3411	3412	3413	3414	3415	3416	3417	3418	3419	3420	3421	3422	3423	3424	3425	3426	3427	3428	3429	3430	3431	3432	3433	3434	3435	3436	3437	3438	3439	3440	3441	3442	3443	3444	3445	3446	3447	3448	3449	3450	3451	3452	3453	3454	3455	3456	3457	3458	3459	3460	3461	3462	3463	3464	3465	3466	3467	3468	3469	3470	3471	3472	3473	3474	3475	3476	3477	3478	3479	3480	3481	3482	3483	3484	3485	3486	3487	3488	3489	3490	3491	3492	3493	3494	3495	3496	3497	3498	3499	3500	3501	3502	3503	3504	3505	3506	3507	3508	3509	3510	3511	3512	3513	3514	3515	3516	3517	3518	3519	3520	3521	3522	3523	3524	3525	3526	3527	3528	3529	3530	3531	3532	3533	3534	3535	3536	3537	3538	3539	3540	3541	3542	3543	3544	3545	3546	3547	3548	3549	3550	3551	3552	3553	3554	3555	3556	3557	3558	3559	3560	3561	3562	3563	3564	3565	3566	3567	3568	3569	3570	3571	3572	3573	3574	3575	3576	3577	3578	3579	3580	3581	3582	3583	3584	3585	3586	3587	3588	3589	3590	3591	3592	3593	3594	3595	3596	3597	3598	3599	3600	3601	3602	3603	3604	3605	3606	3607	3608	3609	3610	3611	3612	3613	3614	3615	3616	3617	3618	3619	3620	3621	3622	3623	3624	3625	3626	3627	3628	3629	3630	3631	3632	3633	3634	3635	3636	3637	3638	3639	3640	3641	3642	3643	3644	3645	3646	3647	3648	3649	3650	3651	3652	3653	3654	3655	3656	3657	3658	3659	3660	3661	3662	3663	3664	3665	3666	3667	3668	3669	3670	3671	3672	3673	3674	3675	3676	3677	3678	3679	3680	3681	3682	3683	3684	3685	3686	3687	3688	3689	3690	3691	3692	3693	3694	3695	3696	3697	3698	3699	3700	3701	3702	3703	3704	3705	3706	3707	3708	3709	3710	3711	3712	3713	3714	3715	3716	3717	3718	3719	3720	3721	3722	3723	3724	3725	3726	3727	3728	3729	3730	3731	3732	3733	3734	3735	3736	3737	3738	3739	3740	3741	3742	3743	3744	3745	3746	3747	3748	3749	3750	3751	3752	3753	3754	3755	3756	3757	3758	3759	3760	3761	3762	3763	3764	3765	3766	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4.767	4.5636	5.667	5.589	5.724	0.40346	0.010059	0.000503	41.7732	0	10.3968	41.873	4.5714	5.724	5.725	5.715	0.59845	0.019435	0.000972	36.0726	0	10.0171	36.0726	4.5716	5.725	5.726	5.716	0.598316	0.019435	0.000972	36.0726	0	10.0256	36.0726	4.5718	5.726	5.727	5.717	0.598195	0.019435	0.000972	36.0726	0	10.0231	36.0726	4.5720	5.727	5.728	5.718	0.598067	0.019435	0.000972	36.0726	0	10.0245	36.0726	4.5722	5.728	5.729	5.719	0.597939	0.019435	0.000972	36.0726	0	9.9435	36.0726	4.5724	5.729	5.730	5.720	0.597812	0.019435	0.000972	36.0726	0	9.9445	36.0726	4.5726	5.730	5.731	5.721	0.597684	0.019435	0.000972	36.0726	0	9.9455	36.0726	4.5728	5.731	5.732	5.722	0.597556	0.019435	0.000972	36.0726	0	9.9465	36.0726	4.5730	5.732	5.733	5.723	0.597428	0.019435	0.000972	36.0726	0	9.9475	36.0726	4.5732	5.733	5.734	5.724	0.597300	0.019435	0.000972	36.0726	0	9.9485	36.0726	4.5734	5.734	5.735	5.725	0.597172	0.019435	0.000972	36.0726	0	9.9495	36.0726	4.5736	5.735	5.736	5.726	0.597044	0.019435	0.000972	36.0726	0	9.9505	36.0726	4.5738	5.736	5.737	5.727	0.596916	0.019435	0.000972	36.0726	0	9.9515	36.0726	4.5740	5.737	5.738	5.728	0.596788	0.019435	0.000972	36.0726	0	9.9525	36.0726	4.5742	5.738	5.739	5.729	0.596660	0.019435	0.000972	36.0726	0	9.9535	36.0726	4.5744	5.739	5.740	5.730	0.596532	0.019435	0.000972	36.0726	0	9.9545	36.0726	4.5746	5.740	5.741	5.731	0.596404	0.019435	0.000972	36.0726	0	9.9555	36.0726	4.5748	5.741	5.742	5.732	0.596276	0.019435	0.000972	36.0726	0	9.9565	36.0726	4.5750	5.742	5.743	5.733	0.596148	0.019435	0.000972	36.0726	0	9.9575	36.0726	4.5752	5.743	5.744	5.734	0.596020	0.019435	0.000972	36.0726	0	9.9585	36.0726	4.5754	5.744	5.745	5.735	0.595892	0.019435	0.000972	36.0726	0	9.9595	36.0726	4.5756	5.745	5.746	5.736	0.595764	0.019435	0.000972	36.0726	0	9.9605	36.0726	4.5758	5.746	5.747	5.737	0.595636	0.019435	0.000972	36.0726	0	9.9615	36.0726	4.5760	5.747	5.748	5.738	0.595508	0.019435	0.000972	36.0726	0	9.9625	36.0726	4.5762	5.748	5.749	5.739	0.595380	0.019435	0.000972	36.0726	0	9.9635	36.0726	4.5764	5.749	5.750	5.740	0.595252	0.019435	0.000972	36.0726	0	9.9645	36.0726	4.5766	5.750	5.751	5.741	0.595124	0.019435	0.000972	36.0726	0	9.9655	36.0726	4.5768	5.751	5.752	5.742	0.594996	0.019435	0.000972	36.0726	0	9.9665	36.0726	4.5770	5.752	5.753	5.743	0.594868	0.019435	0.000972	36.0726	0	9.9675	36.0726	4.5772	5.753	5.754	5.744	0.594740	0.019435	0.000972	36.0726	0	9.9685	36.0726	4.5774	5.754	5.755	5.745	0.594612	0.019435	0.000972	36.0726	0	9.9695	36.0726	4.5776	5.755	5.756	5.746	0.594484	0.019435	0.000972	36.0726	0	9.9705	36.0726	4.5778	5.756	5.757	5.747	0.594356	0.019435	0.000972	36.0726	0	9.9715	36.0726	4.5780	5.757	5.758	5.748	0.594228	0.019435	0.000972	36.0726	0	9.9725	36.0726	4.5782	5.758	5.759	5.749	0.594100	0.019435	0.000972	36.0726	0	9.9735	36.0726	4.5784	5.759	5.760	5.750	0.593972	0.019435	0.000972	36.0726	0	9.9745	36.0726	4.5786	5.760	5.761	5.751	0.593844	0.019435	0.000972	36.0726	0	9.9755	36.0726	4.5788	5.761	5.762	5.752	0.593716	0.019435	0.000972	36.0726	0	9.9765	36.0726	4.5790	5.762	5.763	5.753	0.593588	0.019435	0.000972	36.0726	0	9.9775	36.0726	4.5792	5.763	5.764	5.754	0.593460	0.019435	0.000972	36.0726	0	9.9785	36.0726	4.5794	5.764	5.765	5.755	0.593332	0.019435	0.000972	36.0726	0	9.9795	36.0726	4.5796	5.765	5.766	5.756	0.593204	0.019435	0.000972	36.0726	0	9.9805	36.0726	4.5798	5.766	5.767	5.757	0.593076	0.019435	0.000972	36.0726	0	9.9815	36.0726	4.5799	5.767	5.768	5.758	0.592948	0.019435	0.000972	36.0726	0	9.9825	36.0726	4.5800	5.768	5.769	5.759	0.592820	0.019435	0.000972	36.0726	0	9.9835	36.0726	4.5801	5.769	5.770	5.760	0.592692	0.019435	0.000972	36.0726	0	9.9845	36.0726	4.5802	5.770	5.771	5.761	0.592564	0.019435	0.000972	36.0726	0	9.9855	36.0726	4.5803	5.771	5.772	5.762	0.592436	0.019435	0.000972	36.0726	0	9.9865	36.0726	4.5804	5.772	5.773	5.763	0.592308	0.019435	0.000972	36.0726	0	9.9875	36.0726	4.5805	5.773	5.774	5.764	0.592180	0.019435	0.000972	36.0726	0	9.9885	36.0726	4.5806	5.774	5.775	5.765	0.592052	0.019435	0.000972	36.0726	0	9.9895	36.0726	4.5807	5.775	5.776	5.766	0.591924	0.019435	0.000972	36.0726	0	9.9905	36.0726	4.5808	5.776	5.777	5.767	0.591796	0.019435	0.000972	36.0726	0	9.9915	36.0726	4.5809	5.777	5.778	5.768	0.591668	0.019435	0.000972	36.0726	0	9.9925	36.0726	4.5810	5.778	5.779	5.769	0.591540	0.019435	0.000972	36.0726	0	9.9935	36.0726	4.5811	5.779	5.780	5.770	0.591412	0.019435	0.000972	36.0726	0	9.9945	36.0726	4.5812	5.780	5.781	5.771	0.591284	0.019435	0.000972	36.0726	0	9.9955	36.0726	4.5813	5.781	5.782	5.772	0.591156	0.019435	0.000972	36.0726	0	9.9965	36.0726	4.5814	5.782	5.783	5.773	0.591028	0.019435	0.000972	36.0726	0	9.9975	36.0726	4.5815	5.783	5.784	5.774	0.590900	0.019435	0.000972	36.0726	0	9.9985	36.0726	4.5816	5.784	5.785	5.775	0.590772	0.019435	0.000972	36.0726	0	9.9995	36.0726	4.5817	5.785	5.786	5.776	0.590644	0.019435	0.000972	36.0726	0	10.0005	36.0726	4.5818	5.786	5.787	5.777	0.590516	0.019435	0.000972	36.0726	0	10.0015	36.0726	4.5819	5.787	5.788	5.778	0.590388	0.019435	0.000972	36.0726	0	10.0025	36.0726	4.5820	5.788	5.789	5.779	0.590260	0.019435	0.000972	36.0726	0	10.0035	36.0726	4.5821	5.789	5.790	5.780	0.590132	0.019435	0.000972	36.0726	0	10.0045	36.0726	4.5822	5.790	5.791	5.781	0.590004	0.019435	0.000972	36.0726	0	10.0055	36.0726	4.5823	5.791	5.792	5.782	0.589876	0.019435	0.000972	36.0726	0	10.0065	36.0726	4.5824	5.792	5.793	5.783	0.589748	0.019435	0.000972	36.0726	0	10.0075	36.0726	4.5825	5.793	5.794	5.784	0.589620	0.019435	0.000972	36.0726	0	10.0085	36.0726	4.5826	5.794	5.795	5.785	0.589492	0.019435	0.000972	36.0726	0	10.0095	36.0726	4.5827	5.795	5.796	5.786	0.589364	0.019435	0.000972	36.0726	0	10.0105	36.0726	4.5828	5.796	5.797	5.787	0.589236	0.019435	0.000972	36.0726	0	10.0115	36.0726	4.5829	5.797	5.798	5.788	0.589108	0.019435	0.000972	36.0726	0	10.0125	36.0726	4.5830	5.798	5.799	5.789	0.588980	0.019435	0.000972	36.0726	0	10.0135	36.0726	4.5831	5.799	5.800	5.790	0.588852	0.019435	0.000972	36.0726	0	10.0145	36.0726	4.5832	5.800	5.801	5.791	0.588724	0.019435	0.000972	36.0726	0	10.0155	36.0726	4.5833	5.801	5.802	5.792	0.588596	0.019435	0.000972	36.0726	0	10.0165	36.0726	4.5834	5.802	5.803	5.793	0.588468	0.019435	0.000972	36.0726	0	10.0175	36.0726	4.5835	5.803	5.804	5.794	0.588340	0.019435	0.000972	36.0726	0	10.0185	36.0726	4.5836	5.804	5.805	5.795	0.588212	0.019435	0.000972	36.0726	0	10.0195	36.0726	4.5837	5.805	5.806	5.796	0.588084	0.019435	0.000972	36.0726	0	10.0205	36.0726	4.5838	5.806	5.807	5.797	0.587956	0.019435	0.000972	36.0726	0	10.0215	36.0726	4.5839	5.807	5.808	5.798	0.587828	0.019435	0.000972	36.0726	0	10.0225	36.0726	4.5840	5.808	5.809	5.799	0.587700	0.019435	0.000972	36.0726	0	10.0235	36.0726	4.5841	5.809	5.810	5.800	0.587572	0.019435	0.000972	36.0726	0	10.0245	36.0726	4.5842	5.810	5.811	5.801	0.587444	0.019435	0.000972	36.0726	0	10.0255	36.0726	4.5843	5.811	5.812	5.802	0.587316	0.019435	0.000972	36.0726	0	10.0265	36.0726	4.5844	5.812	5.813	5.803	0.587188	0.019435	0.000972	36.0726	0	10.0275	36.0726	4.5845	5.813	5.814	5.804	0.587060	0.019435	0.000972	36.0726	0	10.0285	36.0726	4.5846	5.814	5.815	5.805	0.586932	0.019435	0.000972	36.0726	0	10.0295	36.0726	4.5847	5.815	5.816	5.806	0.586804	0.019435	0.000972	36.0726	0	10.0305	36.0726	4.5848	5.816	5.817	5.807	0.586676	0.019435	0.000972	36.0726	0	10.0315	36.0726	4.5849	5.817	5.818	5.808	0.586548	0.019435	0.000972	36.0726	0	10.0325	36.0726	4.5850	5.818	5.819	5.809	0.586420	0.019435	0.000972	36.0726	0	10.0335	36.0726	4.5851	5.819	5.820	5.810	0.586292	0.019435	0.000972	36.0726	0	10.0345	36.0726	4.5852	5.820	5.821	5.811	0.586164	0.019435	0.000972	36.0726	0	10.0355	36.0726	4.5853	5.821	5.822	5.812	0.586036	0.019435	0.000972	36.0726	0	10.0365	36.0726	4.5854	5.822	5.823	5.813	0.585908	0.019435	0.000972	36.0726	0	10.0375	36.0726	4.5855	5.823	5.824	5.814	0.585780	0.019435	0.000972	36.0726	0	10.0385	36.0726	4.5856	5.824	5.825	5.815	0.585652	0.019435	0.000972	36.
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5391	4.6310	6315	6316	6311	0.56381	0.018065	0.000903	35.2559	0	10.6013	4.6433	6437	6438	6433	6439	6430	6434	6438	6441	6442	6436	6443	6444	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.64658	0.015854	0.000993	40.3398	0	9.4299	4.6298
5392	4.6312	6317	6318	6312	0.560784	0.017287	0.000856	35.3003	0	10.6234	4.6433	6438	6439	6434	6439	6430	6434	6438	6441	6442	6436	6443	6444	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.626073	0.017044	0.000882	40.3345	0	9.4204	4.6298
5393	4.6314	6319	6320	6313	0.552628	0.016529	0.000826	35.37427	0	10.4255	4.6434	6439	6440	6435	6439	6430	6434	6438	6441	6442	6436	6443	6444	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.609571	0.017044	0.000882	40.6891	0	9.4748	4.6298
5394	4.6315	6320	6321	6315	0.577141	0.018831	0.000942	35.29529	0	10.7482	4.6336	6441	6442	6437	6443	6438	6441	6442	6436	6443	6444	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.651864	0.019464	0.000982	40.1389	0	9.6801	4.6314		
5395	4.6316	6321	6322	6316	0.561744	0.018063	0.000903	35.36424	0	10.7592	4.6337	6442	6443	6437	6443	6438	6444	6445	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.633354	0.019164	0.000982	40.5426	0	9.6142	4.6315		
5396	4.6318	6323	6324	6317	0.564628	0.017285	0.000856	35.45318	0	10.6021	4.6338	6443	6444	6437	6444	6439	6445	6446	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.616447	0.017636	0.000882	40.0744	0	9.6027	4.6316		
5397	4.6319	6325	6326	6318	0.567824	0.017829	0.000903	35.48318	0	10.7821	4.6339	6444	6445	6437	6445	6439	6446	6447	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.633922	0.018063	0.000982	40.5726	0	9.7386	4.6318		
5398	4.6320	6324	6325	6320	0.570742	0.018829	0.000942	35.43894	0	10.8829	4.6341	6445	6446	6437	6446	6439	6447	6448	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.639282	0.019067	0.000982	40.6236	0	9.7386	4.6318		
5399	4.6320	6324	6325	6321	0.561385	0.018061	0.000903	35.50288	0	10.7128	4.6342	6446	6447	6437	6447	6439	6448	6449	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.620273	0.018628	0.000982	40.6955	0	9.7404	4.6320		
5400	4.6321	6325	6326	6322	0.546029	0.017283	0.000856	35.56363	0	10.7408	4.6343	6447	6448	6437	6448	6439	6449	6450	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.602273	0.017722	0.000882	40.6173	0	9.6983	4.6321		
5401	4.6322	6326	6327	6323	0.550072	0.016525	0.000856	35.62897	0	10.9347	4.6344	6448	6449	6437	6449	6439	6450	6451	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.593771	0.019442	0.000982	40.5401	0	9.6542	4.6322		
5404	4.6328	6330	6331	6328	0.542068	0.017486	0.000903	35.68829	0	10.7007	4.6346	6449	6450	6437	6450	6439	6451	6452	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.627471	0.019442	0.000982	40.7384	0	9.6881	4.6328		
5405	4.6328	6330	6331	6329	0.542068	0.017486	0.000903	35.68829	0	10.7007	4.6346	6449	6450	6437	6450	6439	6451	6452	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.627471	0.019442	0.000982	40.7384	0	9.6881	4.6328		
5406	4.6328	6330	6331	6329	0.542068	0.017486	0.000903	35.68829	0	10.7007	4.6346	6449	6450	6437	6450	6439	6451	6452	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.627471	0.019442	0.000982	40.7384	0	9.6881	4.6328		
5407	4.6328	6330	6331	6329	0.542068	0.017486	0.000903	35.68829	0	10.7007	4.6346	6449	6450	6437	6450	6439	6451	6452	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.627471	0.019442	0.000982	40.7384	0	9.6881	4.6328		
5408	4.6328	6330	6331	6329	0.542068	0.017486	0.000903	35.68829	0	10.7007	4.6346	6449	6450	6437	6450	6439	6451	6452	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.627471	0.019442	0.000982	40.7384	0	9.6881	4.6328		
5409	4.6328	6330	6331	6329	0.542068	0.017486	0.000903	35.68829	0	10.7007	4.6346	6449	6450	6437	6450	6439	6451	6452	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.627471	0.019442	0.000982	40.7384	0	9.6881	4.6328		
5410	4.6328	6330	6331	6329	0.542068	0.017486	0.000903	35.68829	0	10.7007	4.6346	6449	6450	6437	6450	6439	6451	6452	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.627471	0.019442	0.000982	40.7384	0	9.6881	4.6328		
5411	4.6328	6330	6331	6329	0.542068	0.017486	0.000903	35.68829	0	10.7007	4.6346	6449	6450	6437	6450	6439	6451	6452	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.627471	0.019442	0.000982	40.7384	0	9.6881	4.6328		
5412	4.6328	6330	6331	6329	0.542068	0.017486	0.000903	35.68829	0	10.7007	4.6346	6449	6450	6437	6450	6439	6451	6452	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.627471	0.019442	0.000982	40.7384	0	9.6881	4.6328		
5413	4.6334	6334	6335	6340	0.66834	0.018722	0.000856	36.39715	0	9.1307	4.6347	6451	6452	6437	6451	6439	6453	6454	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.639715	0.018722	0.000856	40.7384	0	9.1307	4.6334		
5414	4.6334	6340	6341	6336	0.667116	0.017889	0.000856	36.39715	0	9.1307	4.6347	6451	6452	6437	6451	6439	6453	6454	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.639715	0.018722	0.000856	40.7384	0	9.1307	4.6334		
5415	4.6336	6341	6342	6337	0.6594	0.017098	0.000856	36.39715	0	9.1307	4.6347	6451	6452	6437	6451	6439	6453	6454	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.6594	0.017098	0.000856	40.7384	0	9.1307	4.6336		
5416	4.6338	6343	6344	6337	0.667506	0.0195	0.000903	36.39715	0	9.2446	4.6348	6452	6453	6437	6452	6439	6454	6455	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.667506	0.0195	0.000903	40.7384	0	9.2446	4.6338		
5417	4.6338	6344	6345	6340	0.670087	0.019687	0.000903	36.74189	0	9.2446	4.6348	6452	6453	6437	6452	6439	6454	6455	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.670087	0.019687	0.000903	40.7384	0	9.2446	4.6338		
5418	4.6341	6346	6347	6342	0.667272	0.017093	0.000856	37.05134	0	9.2004	4.6349	6453	6454	6437	6453	6439	6455	6456	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.667272	0.017093	0.000856	40.7384	0	9.2004	4.6341		
5419	4.6341	6346	6347	6342	0.674889	0.018413	0.000912	36.77882	0	9.35626	4.6349	6453	6454	6437	6453	6439	6455	6456	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.674889	0.018413	0.000912	40.7384	0	9.35626	4.6341		
5420	4.6343	6348	6349	6344	0.674889	0.018413	0.000912	36.77882	0	9.35626	4.6349	6453	6454	6437	6453	6439	6455	6456	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.674889	0.018413	0.000912	40.7384	0	9.35626	4.6343		
5421	4.6344	6348	6349	6344	0.674889	0.018413	0.000912	36.77882	0	9.35626	4.6349	6453	6454	6437	6453	6439	6455	6456	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.674889	0.018413	0.000912	40.7384	0	9.35626	4.6344		
5422	4.6345	6350	6351	6346	0.664142	0.017781	0.000847	37.03446	0	9.31591	4.6349	6453	6454	6437	6453	6439	6455	6456	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.664142	0.017781	0.000847	40.7384	0	9.31591	4.6345		
5423	4.6346	6351	6352	6347	0.664175	0.018468	0.000847	37.03446	0	9.31591	4.6349	6453	6454	6437	6453	6439	6455	6456	6439	6444	6445	6439	6438	6439	6437	6438	6435	6434	6439	6440	6435	0.664175	0.018468	0.000847	40.7384	0	9.31591	4.6346		
5424	4.6346	6351	6352	6347	0.664175	0.018468	0.000847	37.03446	0	9.31591	4.6349	6453	6454	6437	6453	6439	6455	6456	6439																					

5550	4.6201	6554	6555	5734	0.664864	0.014061	0.000703	46.02789	0	8.71034	5702	4.6683	6687	6688	6684	0.612289	0.023041	0.001162	32.48789	0	10.7839
5551	4.6550	6556	6557	6551	0.618465	0.000823	0.000031	45.46327	0	8.83153	5703	4.6685	6689	6690	6686	0.618638	0.023344	0.001167	32.53113	0	11.0969
5552	4.6551	6557	6558	6552	0.701252	0.015821	0.000718	45.63747	0	8.81865	5704	4.6686	6690	6691	6687	0.614559	0.023102	0.001166	32.52256	0	10.9989
5553	4.6552	6558	6559	6553	0.663178	0.015178	0.000759	45.81186	0	8.80576	5705	4.6687	6690	6692	6688	0.612289	0.023041	0.001162	32.61389	0	10.9015
5554	4.6553	6559	6560	6554	0.666258	0.014535	0.000727	45.96358	0	8.79288	5706	4.6689	6691	6692	6693	0.463436	0.000742	0.000445	31.62887	0	9.9795
5555	4.6554	6560	6561	6555	0.636197	0.013882	0.000685	46.18005	0	8.78	5707	4.6693	6692	6693	6694	0.63525	0.000801	0.000445	31.51439	0	10.7867
5556	4.6555	6561	6562	6556	0.665341	0.015662	0.000733	45.73457	0	8.80755	5708	4.6694	6693	6694	6695	0.516184	0.001469	0.000732	31.54684	0	9.8688
5557	4.6556	6562	6563	6557	0.667843	0.015809	0.000735	45.9052	0	8.81899	5709	4.6695	6694	6695	6696	0.6693	0.002087	0.000445	31.45865	0	10.0327
5558	4.6557	6563	6564	6558	0.669565	0.014366	0.000718	46.12647	0	8.86582	5710	4.6696	6695	6696	6697	0.337981	0.000291	0.000148	31.45524	0	10.154
5559	4.6558	6564	6565	6559	0.652865	0.015723	0.000688	46.23242	0	8.84961	5711	4.6697	6696	6697	6698	0.590655	0.001484	0.000742	31.46382	0	9.9457
5560	4.6559	6565	6566	6560	0.660178	0.016126	0.000688	45.73987	0	8.8961	5712	4.6698	6697	6698	6699	0.471958	0.000801	0.000445	31.448	0	9.8687
5561	4.6560	6566	6567	6561	0.658271	0.015448	0.000742	46.10342	0	8.85866	5713	4.6699	6698	6699	6700	0.649802	0.002344	0.001167	31.73287	0	10.3334
5562	4.6561	6567	6568	6562	0.636464	0.014197	0.000718	46.26708	0	8.83897	5714	4.6700	6699	6700	6701	0.612749	0.002287	0.001163	31.63259	0	9.7763
5563	4.6562	6568	6569	6563	0.617153	0.013554	0.000678	46.42478	0	8.79192	5715	4.6701	6700	6701	6702	0.575904	0.002045	0.00102	31.5283	0	9.69184
5564	4.6563	6569	6570	6564	0.617153	0.013557	0.000678	45.9532	0	8.78399	5716	4.6702	6701	6702	6703	0.655141	0.023193	0.00126	31.6733	0	9.6778
5565	4.6564	6570	6571	6565	0.664684	0.015314	0.000736	46.10878	0	9.03214	5717	4.6703	6702	6703	6704	0.618238	0.002729	0.001136	31.75418	0	9.6577
5566	4.6565	6571	6572	6566	0.636197	0.014671	0.000736	46.28284	0	9.03414	5718	4.6704	6703	6704	6705	0.583131	0.002344	0.001136	31.61413	0	9.5865
5567	4.6566	6572	6573	6567	0.601628	0.013385	0.000689	46.55715	0	8.98989	5719	4.6705	6704	6705	6706	0.625622	0.002305	0.001129	31.81366	0	9.5302
5568	4.6567	6573	6574	6568	0.656515	0.015788	0.000689	46.55715	0	8.98989	5720	4.6706	6705	6706	6707	0.591677	0.020123	0.000167	31.86196	0	9.48728
5569	4.6568	6574	6575	6569	0.623799	0.014976	0.000749	46.423	0	9.14657	5721	4.6707	6706	6707	6708	0.623606	0.002305	0.000167	31.75245	0	9.46355
5570	4.6569	6575	6576	6570	0.623799	0.014976	0.000749	46.55699	0	9.13547	5722	4.6708	6707	6708	6709	0.623606	0.002305	0.000167	32.14807	0	9.46355
5571	4.6570	6576	6577	6571	0.623799	0.014976	0.000749	46.55699	0	9.13547	5723	4.6709	6708	6709	6710	0.623606	0.002305	0.000167	32.14807	0	9.46355
5572	4.6571	6577	6578	6572	0.623799	0.014976	0.000749	46.55699	0	9.13547	5724	4.6710	6709	6710	6711	0.623606	0.002305	0.000167	32.14807	0	9.46355
5573	4.6572	6578	6579	6573	0.623799	0.014976	0.000749	46.55699	0	9.13547	5725	4.6711	6710	6711	6712	0.623606	0.002305	0.000167	32.14807	0	9.46355
5574	4.6573	6579	6580	6574	0.623799	0.014976	0.000749	46.55699	0	9.13547	5726	4.6712	6711	6712	6713	0.623606	0.002305	0.000167	32.14807	0	9.46355
5575	4.6574	6580	6581	6575	0.623799	0.014976	0.000749	46.55699	0	9.13547	5727	4.6713	6712	6713	6714	0.623606	0.002305	0.000167	32.14807	0	9.46355
5576	4.6575	6581	6582	6576	0.623799	0.014976	0.000749	46.55699	0	9.13547	5728	4.6714	6713	6714	6715	0.623606	0.002305	0.000167	32.14807	0	9.46355
5577	4.6576	6582	6583	6577	0.623799	0.014976	0.000749	46.55699	0	9.13547	5729	4.6715	6714	6715	6716	0.623606	0.002305	0.000167	32.14807	0	9.46355
5578	4.6577	6583	6584	6578	0.623799	0.014976	0.000749	46.55699	0	9.13547	5730	4.6716	6715	6716	6717	0.623606	0.002305	0.000167	32.14807	0	9.46355
5579	4.6578	6584	6585	6579	0.623799	0.014976	0.000749	46.55699	0	9.13547	5731	4.6717	6716	6717	6718	0.623606	0.002305	0.000167	32.14807	0	9.46355
5580	4.6579	6585	6586	6580	0.623799	0.014976	0.000749	46.55699	0	9.13547	5732	4.6718	6717	6718	6719	0.623606	0.002305	0.000167	32.14807	0	9.46355
5581	4.6580	6586	6587	6581	0.623799	0.014976	0.000749	46.55699	0	9.13547	5733	4.6719	6718	6719	6720	0.623606	0.002305	0.000167	32.14807	0	9.46355
5582	4.6581	6587	6588	6582	0.623799	0.014976	0.000749	46.55699	0	9.13547	5734	4.6720	6719	6720	6721	0.623606	0.002305	0.000167	32.14807	0	9.46355
5583	4.6582	6588	6589	6583	0.623799	0.014976	0.000749	46.55699	0	9.13547	5735	4.6721	6720	6721	6722	0.623606	0.002305	0.000167	32.14807	0	9.46355
5584	4.6583	6589	6590	6584	0.623799	0.014976	0.000749	46.55699	0	9.13547	5736	4.6722	6721	6722	6723	0.623606	0.002305	0.000167	32.14807	0	9.46355
5585	4.6584	6590	6591	6585	0.623799	0.014976	0.000749	46.55699	0	9.13547	5737	4.6723	6722	6723	6724	0.623606	0.002305	0.000167	32.14807	0	9.46355
5586	4.6585	6591	6592	6586	0.623799	0.014976	0.000749	46.55699	0	9.13547	5738	4.6724	6723	6724	6725	0.623606	0.002305	0.000167	32.14807	0	9.46355
5587	4.6586	6592	6593	6587	0.623799	0.014976	0.000749	46.55699	0	9.13547	5739	4.6725	6724	6725	6726	0.623606	0.002305	0.000167	32.14807	0	9.46355
5588	4.6587	6593	6594	6588	0.623799	0.014976	0.000749	46.55699	0	9.13547	5740	4.6726	6725	6726	6727	0.623606	0.002305	0.000167	32.14807	0	9.46355
5589	4.6588	6594	6595	6589	0.623799	0.014976	0.000749	46.55699	0	9.13547	5741	4.6727	6726	6727	6728	0.623606	0.002305	0.000167	32.14807	0	9.46355
5590	4.6589	6595	6596	6590	0.623799	0.014976	0.000749	46.55699	0	9.13547	5742	4.6728	6727	6728	6729	0.623606	0.002305	0.000167	32.14807	0	9.46355
5591	4.6590	6596	6597	6591	0.623799	0.014976	0.000749	46.55699	0	9.13547	5743	4.6729	6728	6729	6730	0.623606	0.002305	0.000167	32.14807	0	9.46355
5592	4.6591	6597	6598	6592	0.623799	0.014976	0.000749	46.55699	0	9.13547	5744	4.6730	6729	6730	6731	0.623606	0.002305	0.000167	32.14807	0	9.46355
5593	4.6592	6598	6599	6593	0.623799	0.014976	0.000749	46.55699	0	9.13547	5745	4.6731	6730	6731	6732	0.623606	0.002305	0.000167	32.14807	0	9.46355
5594	4.6593	6599	6600	6594	0.623799	0.014976	0.000749	46.55699	0	9.13547	5746	4.6732	6731	6732	6733	0.623606	0.002305	0.000167	32.14807	0	9.46355
5595	4.6594	6600	6601	6595	0.623799	0.014976	0.000749	46.55699	0	9.13547	5747	4.6733	6732	6733	6734	0.623606	0.002305	0.000167	32.14807	0	9.46355
5596	4.6595	6601	6602	6596	0.623799	0.014976	0.000749	46.55699	0	9.13547	5748	4.6734	6733	6734	6735	0.623606	0.002305	0.000167	32.14807	0	9.46355
5597	4.6596	6602	6603	6597	0.623799	0.014976	0.000749	46.55699	0	9.13547	5749	4.6735	6734	6735	6736	0.623606	0.002305	0.000167	32.14807	0	9.46355
5598	4.6597	6603	6604	6600	0.623799	0.014976	0.000749	46.55699	0	9.13547	5750	4.6736	6735	6736	6737	0.623606	0.002305	0.000167	32.14807	0	9.46355
5599	4.6598	6604	6605	6601	0.623799	0.014976	0.000749	46.55699	0	9.13547	5751	4.6737	6736	6737	6738	0.623606	0.002305	0.000167	32.14807	0	9.46355
5600	4.6599	6605	6606	6602	0.623799	0.014976	0.000749	46.55699	0	9.13547	5752	4.6738	6737	6738	6739	0.623606	0.002305	0.000167	32.14807	0	9.46355
5601	4.6600	6606	6607	6603	0.623799	0.014976	0.000749	46.55699	0	9.13547	5753	4.6739	6738	6739	6740	0.623606	0.002305	0.000167	32.14807	0	9.46355
5602																					

5828	4.6810	6812	6813	6811	0.577787	0.018841	0.000042	50.84143	9.52675	0	5944	4.6820	6821	6826	6935	0.753135	0.035388	0.001789	48.39129	8.84732	0
5829	4.6812	5289	6788	6813	0.577787	0.018841	0.000042	48.01643	9.78404	0	5945	4.6822	6822	6837	6836	0.748865	0.035308	0.001734	48.57879	8.83843	0
5830	4.6814	5288	6785	6814	0.577787	0.018841	0.000042	48.01643	9.78404	0	5946	4.6822	6822	6837	6836	0.748865	0.035308	0.001734	48.57879	8.83843	0
5831	4.6795	6787	6815	6814	0.577787	0.018841	0.000042	48.20393	9.76556	0	5947	4.6823	6824	6839	6838	0.743282	0.034465	0.001723	48.95579	8.81424	0
5832	4.6789	6789	6816	6815	0.577787	0.018841	0.000042	48.39143	9.74707	0	5948	4.6824	6825	6840	6839	0.739987	0.033987	0.001723	48.95579	8.80314	0
5833	4.6789	6791	6817	6816	0.577787	0.018841	0.000042	48.57859	9.72859	0	5949	4.6825	6826	6841	6840	0.736713	0.033484	0.001682	49.32879	8.79255	0
5834	4.6789	6793	6818	6817	0.577787	0.018841	0.000042	48.76533	9.71007	0	5950	4.6826	6827	6842	6841	0.733427	0.032987	0.001682	49.70279	8.78096	0
5835	4.6789	6795	6819	6818	0.577787	0.018841	0.000042	48.95533	9.69254	0	5951	4.6827	6828	6843	6842	0.730144	0.032487	0.001682	49.07929	8.76937	0
5836	4.6795	6797	6820	6819	0.577787	0.018841	0.000042	48.14143	9.67435	0	5952	4.6828	6829	6844	6843	0.726866	0.031987	0.001682	49.45129	8.75767	0
5837	4.6797	6799	6821	6820	0.577787	0.018841	0.000042	48.32883	9.65655	0	5953	4.6829	6830	6845	6844	0.723575	0.031487	0.001615	50.26658	8.74607	0
5838	4.6799	6803	6822	6821	0.577787	0.018841	0.000042	48.51643	9.63871	0	5954	4.6830	6831	6846	6845	0.720291	0.030987	0.001615	50.65658	8.73468	0
5839	4.6801	6803	6823	6822	0.577787	0.018841	0.000042	48.70383	9.62188	0	5955	4.6831	6832	6847	6846	0.716971	0.030487	0.001615	51.04658	8.72348	0
5840	4.6803	6805	6824	6823	0.577787	0.018841	0.000042	48.89129	9.60507	0	5956	4.6832	6833	6848	6847	0.713682	0.030000	0.001615	51.43658	8.71233	0
5841	4.6805	6807	6825	6824	0.577787	0.018841	0.000042	49.07929	9.58823	0	5957	4.6833	6834	6849	6848	0.710393	0.029500	0.001615	51.82658	8.70113	0
5842	4.6807	6809	6826	6825	0.577787	0.018841	0.000042	49.26463	9.57145	0	5958	4.6834	6835	6850	6849	0.707104	0.029000	0.001615	52.21658	8.68998	0
5843	4.6809	6811	6827	6826	0.577787	0.018841	0.000042	49.45129	9.55465	0	5959	4.6835	6836	6851	6850	0.703815	0.028500	0.001615	52.60658	8.67879	0
5844	4.6811	6813	6828	6827	0.577787	0.018841	0.000042	49.63658	9.53785	0	5960	4.6836	6837	6852	6851	0.700526	0.028000	0.001615	52.99658	8.66760	0
5845	4.6813	6816	6829	6828	0.577787	0.018841	0.000042	49.82193	9.52105	0	5961	4.6837	6838	6853	6852	0.697237	0.027500	0.001615	53.38658	8.65641	0
5846	4.6815	6818	6830	6829	0.577787	0.018841	0.000042	50.00729	9.50425	0	5962	4.6838	6839	6854	6853	0.693948	0.027000	0.001615	53.77658	8.64522	0
5847	4.6817	6820	6831	6830	0.577787	0.018841	0.000042	50.19263	9.48745	0	5963	4.6839	6840	6855	6854	0.690659	0.026500	0.001615	54.16658	8.63403	0
5848	4.6819	6821	6832	6831	0.577787	0.018841	0.000042	50.37797	9.47065	0	5964	4.6840	6841	6856	6855	0.687370	0.026000	0.001615	54.55658	8.62284	0
5849	4.6821	6823	6833	6832	0.577787	0.018841	0.000042	50.56331	9.45385	0	5965	4.6841	6842	6857	6856	0.684081	0.025500	0.001615	54.94658	8.61165	0
5850	4.6823	6825	6834	6833	0.577787	0.018841	0.000042	50.74865	9.43705	0	5966	4.6842	6843	6858	6857	0.680792	0.025000	0.001615	55.33658	8.60046	0
5851	4.6825	6827	6835	6834	0.577787	0.018841	0.000042	50.93399	9.42025	0	5967	4.6843	6844	6859	6858	0.677503	0.024500	0.001615	55.72658	8.58927	0
5852	4.6827	6829	6836	6835	0.577787	0.018841	0.000042	51.11933	9.40345	0	5968	4.6844	6845	6860	6859	0.674214	0.024000	0.001615	56.11658	8.57808	0
5853	4.6829	6831	6837	6836	0.577787	0.018841	0.000042	51.30467	9.38665	0	5969	4.6845	6846	6861	6860	0.670925	0.023500	0.001615	56.50658	8.56689	0
5854	4.6831	6833	6838	6837	0.577787	0.018841	0.000042	51.49001	9.36985	0	5970	4.6846	6847	6862	6861	0.667636	0.023000	0.001615	56.89658	8.55570	0
5855	4.6833	6835	6839	6838	0.577787	0.018841	0.000042	51.67535	9.35305	0	5971	4.6847	6848	6863	6862	0.664347	0.022500	0.001615	57.28658	8.54451	0
5856	4.6835	6837	6840	6839	0.577787	0.018841	0.000042	51.86069	9.33625	0	5972	4.6848	6849	6864	6863	0.661058	0.022000	0.001615	57.67658	8.53332	0
5857	4.6837	6839	6841	6840	0.577787	0.018841	0.000042	52.04603	9.31945	0	5973	4.6849	6850	6865	6864	0.657769	0.021500	0.001615	58.06658	8.52213	0
5858	4.6839	6841	6842	6841	0.577787	0.018841	0.000042	52.23137	9.30265	0	5974	4.6850	6851	6866	6865	0.654480	0.021000	0.001615	58.45658	8.51094	0
5859	4.6841	6843	6844	6843	0.577787	0.018841	0.000042	52.41671	9.28585	0	5975	4.6851	6852	6867	6866	0.651191	0.020500	0.001615	58.84658	8.50000	0
5860	4.6843	6845	6846	6845	0.577787	0.018841	0.000042	52.60205	9.26905	0	5976	4.6852	6853	6868	6867	0.647902	0.020000	0.001615	59.23658	8.48881	0
5861	4.6845	6847	6848	6847	0.577787	0.018841	0.000042	52.78739	9.25225	0	5977	4.6853	6854	6869	6868	0.644613	0.019500	0.001615	59.62658	8.47762	0
5862	4.6847	6849	6849	6848	0.577787	0.018841	0.000042	52.97273	9.23545	0	5978	4.6854	6855	6870	6869	0.641324	0.019000	0.001615	60.01658	8.46643	0
5863	4.6849	6850	6850	6849	0.577787	0.018841	0.000042	53.15807	9.21865	0	5979	4.6855	6856	6871	6870	0.638035	0.018500	0.001615	60.40658	8.45524	0
5864	4.6851	6851	6851	6850	0.577787	0.018841	0.000042	53.34341	9.20185	0	5980	4.6856	6857	6872	6871	0.634746	0.018000	0.001615	60.79658	8.44405	0
5865	4.6853	6853	6853	6852	0.577787	0.018841	0.000042	53.52875	9.18505	0	5981	4.6857	6858	6873	6872	0.631457	0.017500	0.001615	61.18658	8.43286	0
5866	4.6855	6855	6855	6854	0.577787	0.018841	0.000042	53.71409	9.16825	0	5982	4.6858	6859	6874	6873	0.628168	0.017000	0.001615	61.57658	8.42167	0
5867	4.6857	6857	6857	6856	0.577787	0.018841	0.000042	53.90000	9.15145	0	5983	4.6859	6860	6875	6874	0.624879	0.016500	0.001615	61.96658	8.41048	0
5868	4.6859	6859	6859	6858	0.577787	0.018841	0.000042	54.08534	9.13465	0	5984	4.6860	6861	6876	6875	0.621590	0.016000	0.001615	62.35658	8.39929	0
5869	4.6861	6861	6861	6860	0.577787	0.018841	0.000042	54.27068	9.11785	0	5985	4.6861	6862	6877	6876	0.618301	0.015500	0.001615	62.74658	8.38810	0
5870	4.6863	6863	6863	6862	0.577787	0.018841	0.000042	54.45602	9.10105	0	5986	4.6862	6863	6878	6877	0.615012	0.015000	0.001615	63.13658	8.37691	0
5871	4.6865	6865	6865	6864	0.577787	0.018841	0.000042	54.64136	9.08425	0	5987	4.6863	6864	6879	6878	0.611723	0.014500	0.001615	63.52658	8.36572	0
5872	4.6867	6867	6867	6866	0.577787	0.018841	0.000042	54.82670	9.06745	0	5988	4.6864	6865	6880	6879	0.608434	0.014000	0.001615	63.91658	8.35453	0
5873	4.6869	6869	6869	6868	0.577787	0.018841	0.000042	55.01204	9.05065	0	5989	4.6865	6866	6881	6880	0.605145	0.013500	0.001615	64.30658	8.34334	0
5874	4.6871	6871	6871	6870	0.577787	0.018841	0.000042	55.19738	9.03385	0	5990	4.6866	6867	6882	6881	0.601856	0.013000	0.001615	64.69658	8.33215	0
5875	4.6873	6873	6873	6872	0.577787	0.018841	0.000042	55.38272	9.01705	0	5991	4.6867	6868	6883	6882	0.598567	0.012500	0.001615	65.08658	8.32096	0
5876	4.6875	6875	6875	6874	0.577787	0.018841	0.000042	55.56806	9.00025	0	5992	4.6868	6869	6884	6883	0.595278	0.012000	0.001615	65.47658	8.30977	0
5877	4.6877	6877	6877	6876	0.577787	0.018841	0.000042	55.75340	8.98345	0	5993	4.6869	6870	6885	6884	0.591989	0.011500	0.001615	65.86658	8.29858	0
5878	4.6879	6879	6879	6878	0.577787	0.018841	0.000042	55.93874	8.96665	0	5994	4.6870	6871	6886	6885	0.588700	0.011000	0.001615	66.25658	8.28739	0
5879	4.6881	6881	6881	6880	0.577787	0.018841	0.000042	56.12408	8.94985	0	5995	4.6871	6872	6887	6886	0.585411	0.010500	0.001615	66.64658		

6004	4.7034	7036	7037	7035	0.577787	0.018841	0.000042	52.1443	0	9.47788	6160	4.7138	7139	6899	6907	0.674179	0.027388	0.0014	52.59126	0	8.45193
6005	4.7036	7038	7039	7037	0.577787	0.018841	0.000042	52.3283	0	9.45939	6161	4.7078	7140	6900	6907	0.673945	0.027389	0.001385	53.07676	0	8.42248
6006	4.7038	7040	7041	7039	0.577787	0.018841	0.000042	52.51643	0	9.44091	6162	4.7140	7141	7003	7001	0.667561	0.027385	0.001389	53.26625	0	8.41303
6007	4.7040	7042	7043	7041	0.577787	0.018841	0.000042	52.70393	0	9.42242	6163	4.7142	7142	7005	7003	0.664276	0.027075	0.001384	53.45175	0	8.40338
6008	4.7042	7044	7045	7043	0.577787	0.018841	0.000042	52.89143	0	9.40394	6164	4.7144	7143	7007	7005	0.660992	0.026767	0.001338	53.64125	0	8.39413
6009	4.7044	7046	7047	7045	0.577787	0.018841	0.000042	53.07859	0	9.38545	6165	4.7146	7144	7009	7007	0.657707	0.026469	0.001323	53.82825	0	8.38467
6010	4.7046	7048	7049	7046	0.577787	0.018841	0.000042	53.26433	0	9.36801	6166	4.7148	7145	7011	7009	0.654427	0.026161	0.001266	54.01288	0	8.37542
6011	4.7048	7050	7051	7046	0.577787	0.018841	0.000042	53.45033	0	9.34946	6167	4.7150	7146	7013	7011	0.651151	0.025853	0.001260	54.20088	0	8.36617
6012	4.7050	7052	7053	7051	0.577787	0.018841	0.000042	53.64131	0	9.33152	6168	4.7152	7147	7015	7013	0.647874	0.025545	0.001252	54.39148	0	8.35692
6013	4.7052	7054	7055	7052	0.577787	0.018841	0.000042	53.82833	0	9.31483	6169	4.7154	7148	7017	7015	0.644597	0.025237	0.001244	54.58268	0	8.34767
6014	4.7054	7056	7057	7054	0.577787	0.018841	0.000042	54.01643	0	9.29869	6170	4.7156	7149	7019	7017	0.641320	0.024929	0.001236	54.77468	0	8.33842
6015	4.7056	7058	7059	7056	0.577787	0.018841	0.000042	54.20353	0	9.28302	6171	4.7158	7150	7021	7019	0.638043	0.024621	0.001228	54.96688	0	8.32917
6016	4.7058	7060	7061	7060	0.577787	0.018841	0.000042	54.39163	0	9.26845	6172	4.7160	7151	7023	7021	0.634766	0.024313	0.001220	55.15988	0	8.31992
6017	4.7060	7062	7063	7061	0.577787	0.018841	0.000042	54.58073	0	9.25387	6173	4.7162	7152	7025	7023	0.631489	0.024005	0.001212	55.35308	0	8.31067
6018	4.7062	7064	7065	7062	0.577787	0.018841	0.000042	54.76983	0	9.23929	6174	4.7164	7153	7027	7025	0.628212	0.023697	0.001204	55.54628	0	8.30142
6019	4.7064	7066	7067	7064	0.577787	0.018841	0.000042	54.95893	0	9.22471	6175	4.7166	7154	7029	7027	0.624935	0.023389	0.001196	55.73948	0	8.29217
6020	4.7066	7068	7069	7066	0.577787	0.018841	0.000042	55.14803	0	9.21013	6176	4.7168	7155	7031	7029	0.621658	0.023081	0.001188	55.93268	0	8.28292
6021	4.7068	7070	7071	7068	0.577787	0.018841	0.000042	55.33713	0	9.19555	6177	4.7170	7156	7033	7031	0.618381	0.022773	0.001180	56.12588	0	8.27367
6022	4.7070	7072	7073	7072	0.577787	0.018841	0.000042	55.52623	0	9.18097	6178	4.7172	7157	7035	7033	0.615104	0.022465	0.001172	56.31908	0	8.26442
6023	4.7072	7074	7075	7074	0.577787	0.018841	0.000042	55.71533	0	9.16639	6179	4.7174	7158	7037	7035	0.611827	0.022157	0.001164	56.51228	0	8.25517
6024	4.7074	7076	7077	7076	0.577787	0.018841	0.000042	55.90443	0	9.15181	6180	4.7176	7159	7039	7037	0.608550	0.021849	0.001156	56.70548	0	8.24592
6025	4.7076	7078	7079	7078	0.577787	0.018841	0.000042	56.09353	0	9.13723	6181	4.7178	7160	7041	7039	0.605273	0.021541	0.001148	56.89868	0	8.23667
6026	4.7078	7080	7081	7080	0.577787	0.018841	0.000042	56.28263	0	9.12265	6182	4.7180	7161	7043	7041	0.601996	0.021233	0.001140	57.09188	0	8.22742
6027	4.7080	7082	7083	7081	0.577787	0.018841	0.000042	56.47173	0	9.10807	6183	4.7182	7162	7045	7043	0.598719	0.020925	0.001132	57.28508	0	8.21817
6028	4.7082	7084	7085	7082	0.577787	0.018841	0.000042	56.66083	0	9.09349	6184	4.7184	7163	7047	7045	0.595442	0.020617	0.001124	57.47828	0	8.20892
6029	4.7084	7086	7087	7084	0.577787	0.018841	0.000042	56.85093	0	9.07891	6185	4.7186	7164	7049	7047	0.592165	0.020309	0.001116	57.67148	0	8.19967
6030	4.7086	7088	7089	7086	0.577787	0.018841	0.000042	57.04003	0	9.06433	6186	4.7188	7165	7051	7049	0.588888	0.020001	0.001108	57.86468	0	8.19042
6031	4.7088	7090	7091	7088	0.577787	0.018841	0.000042	57.22913	0	9.04975	6187	4.7190	7166	7053	7051	0.585611	0.019693	0.001100	58.05788	0	8.18117
6032	4.7090	7092	7093	7092	0.577787	0.018841	0.000042	57.41823	0	9.03517	6188	4.7192	7167	7055	7053	0.582334	0.019385	0.001092	58.25108	0	8.17192
6033	4.7092	7094	7095	7094	0.577787	0.018841	0.000042	57.60733	0	9.02059	6189	4.7194	7168	7057	7055	0.579057	0.019077	0.001084	58.44428	0	8.16267
6034	4.7094	7096	7097	7096	0.577787	0.018841	0.000042	57.79643	0	9.00601	6190	4.7196	7169	7059	7057	0.575780	0.018769	0.001076	58.63748	0	8.15342
6035	4.7096	7098	7099	7098	0.577787	0.018841	0.000042	57.98553	0	8.99143	6191	4.7198	7170	7061	7059	0.572503	0.018461	0.001068	58.83068	0	8.14417
6036	4.7098	7100	7101	7100	0.577787	0.018841	0.000042	58.17463	0	8.97685	6192	4.7200	7171	7063	7061	0.569226	0.018153	0.001060	59.02388	0	8.13492
6037	4.7100	7102	7103	7102	0.577787	0.018841	0.000042	58.36373	0	8.96227	6193	4.7202	7172	7065	7063	0.565949	0.017845	0.001052	59.21708	0	8.12567
6038	4.7102	7104	7105	7104	0.577787	0.018841	0.000042	58.55283	0	8.94769	6194	4.7204	7173	7067	7065	0.562672	0.017537	0.001044	59.41028	0	8.11642
6039	4.7104	7106	7107	7106	0.577787	0.018841	0.000042	58.74193	0	8.93311	6195	4.7206	7174	7069	7067	0.559395	0.017229	0.001036	59.60348	0	8.10717
6040	4.7106	7108	7109	7108	0.577787	0.018841	0.000042	58.93103	0	8.91853	6196	4.7208	7175	7071	7069	0.556118	0.016921	0.001028	59.79668	0	8.09792
6041	4.7108	7110	7111	7110	0.577787	0.018841	0.000042	59.12013	0	8.90395	6197	4.7210	7176	7073	7071	0.552841	0.016613	0.001020	59.98988	0	8.08867
6042	4.7110	7112	7113	7112	0.577787	0.018841	0.000042	59.30923	0	8.88937	6198	4.7212	7177	7075	7073	0.549564	0.016305	0.001012	60.18308	0	8.07942
6043	4.7112	7114	7115	7114	0.577787	0.018841	0.000042	59.49833	0	8.87479	6199	4.7214	7178	7077	7075	0.546287	0.016000	0.001004	60.37628	0	8.07017
6044	4.7114	7116	7117	7116	0.577787	0.018841	0.000042	59.68743	0	8.86021	6200	4.7216	7179	7079	7077	0.543010	0.015692	0.000996	60.56948	0	8.06092
6045	4.7116	7118	7119	7118	0.577787	0.018841	0.000042	59.87653	0	8.84563	6201	4.7218	7180	7081	7079	0.539733	0.015384	0.000988	60.76268	0	8.05167
6046	4.7118	7120	7121	7120	0.577787	0.018841	0.000042	60.06563	0	8.83105	6202	4.7220	7181	7083	7081	0.536456	0.015076	0.000980	60.95588	0	8.04242
6047	4.7120	7122	7123	7122	0.577787	0.018841	0.000042	60.25473	0	8.81647	6203	4.7222	7182	7085	7083	0.533179	0.014768	0.000972	61.14908	0	8.03317
6048	4.7122	7124	7125	7124	0.577787	0.018841	0.000042	60.44383	0	8.80189	6204	4.7224	7183	7087	7085	0.529902	0.014460	0.000964	61.34228	0	8.02392
6049	4.7124	7126	7127	7126	0.577787	0.018841	0.000042	60.63293	0	8.78731	6205	4.7226	7184	7089	7087	0.526625	0.014152	0.000956	61.53548	0	8.01467
6050	4.7126	7128	7129	7128	0.577787	0.018841	0.000042	60.82203	0	8.77273	6206	4.7228	7185	7091	7089	0.523348	0.013844	0.000948	61.72868	0	8.00542
6051	4.7128	7130	7131	7130	0.577787	0.018841	0.000042	61.01113	0	8.75815	6207	4.7230	7186	7093	7091	0.520071	0.013536	0.000940	61.92188	0	7.99617
6052	4.7130	7132	7133	7132	0.577787	0.018841	0.000042	61.20023	0	8.74357	6208	4.7232	7187	7095	7093	0.516794	0.013228	0.000932	62.11508	0	7.98692
6053	4.7132	7134	7135	7134	0.577787	0.018841	0.000042	61.38933	0	8.72899	6209	4.7234	7188	7097	7095	0.513517	0.012920	0.000924	62.30828	0	7.97767
6054	4.7134	7136	7137	7136	0.577787	0.018841	0.000042	61.57843	0	8.71441	6210	4.7236	7189	7099	7097	0.510240	0.012612	0.000916	62.50148	0	7.96842
6055	4.7136	7138	7139	7138	0.577787	0.018841	0.000042	61.76753	0	8.69983	6211	4.7238	7190	7101	7099	0.506963	0.012304	0.000908	62.69468	0	

6302	4.7235	7237	6874	5944	0.504574	0.017001	0.0078	48.0163	0	9.57379	6384	3.7303	6546	5342	0.221882	0.017048	0.00097	44.4287	0	10.0734
6284	4.6814	6815	7238	7238	0.500885	0.011889	0.000555	48.20379	0	9.6838	6385	4.5807	6546	5342	0.387546	0.000329	0.000466	44.9375	0	10.24128
6284	4.7238	7238	7238	7237	0.500381	0.011889	0.000555	48.20379	0	9.62014	6386	4.7304	6530	5651	0.000329	0.000466	0.000466	44.9375	0	10.24128
6285	4.7237	7239	6875	6874	0.500479	0.011889	0.000555	48.20379	0	9.59688	6387	4.6472	6541	6633	0.298061	0.004718	0.000236	41.8265	0	10.23166
6286	4.6815	6816	7240	7238	0.500259	0.011786	0.000378	48.39129	0	9.66539	6388	4.6874	6549	6641	0.360739	0.007056	0.000378	41.5524	0	10.30739
6287	4.7240	7241	7238	7238	0.500286	0.011786	0.000378	48.39129	0	9.60248	6389	4.5804	6471	6540	0.000386	0.000378	0.000378	41.7911	0	10.38644
6288	4.6816	6817	7242	7240	0.500485	0.011683	0.000355	48.57879	0	9.64871	6390	4.6803	6471	6648	0.007831	0.000386	0.000386	38.6787	0	10.34432
6290	4.7241	7242	7243	7241	0.501381	0.011683	0.000355	48.57879	0	9.58481	6391	4.6803	6471	6648	0.007831	0.000386	0.000386	38.6787	0	10.34432
6291	4.7241	7243	6877	6876	0.501381	0.011683	0.000355	48.57879	0	9.52445	6392	4.6803	6471	6648	0.007831	0.000386	0.000386	38.6787	0	10.34432
6292	4.6817	6818	7244	7242	0.500485	0.011591	0.000355	48.57879	0	9.52445	6393	4.6803	6471	6648	0.007831	0.000386	0.000386	38.6787	0	10.34432
6293	4.7242	7244	7245	7243	0.500286	0.011591	0.000355	48.57879	0	9.60715	6394	4.6803	6471	6648	0.007831	0.000386	0.000386	38.6787	0	10.34432
6294	4.6818	6819	7246	7244	0.500286	0.011591	0.000355	48.57879	0	9.60715	6395	4.6803	6471	6648	0.007831	0.000386	0.000386	38.6787	0	10.34432
6295	4.6818	6819	7246	7244	0.500286	0.011591	0.000355	48.57879	0	9.60715	6396	4.6803	6471	6648	0.007831	0.000386	0.000386	38.6787	0	10.34432
6296	4.7244	7246	7247	7245	0.498021	0.011488	0.000354	48.95379	0	9.54489	6397	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.09176
6297	4.7245	7247	6879	6878	0.4981	0.011488	0.000354	48.95379	0	9.59255	6398	4.6657	6548	6660	0.480823	0.001312	0.000249	32.8584	0	11.02236
6298	4.6819	6820	7248	7246	0.498211	0.011386	0.000354	48.14129	0	9.48485	6399	4.7174	7309	7307	0.298765	0.004383	0.000249	32.84819	0	11.28361
6299	4.7246	7248	7249	7247	0.498107	0.011386	0.000354	48.14129	0	9.51382	6400	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6300	4.6820	6821	7249	7248	0.498107	0.011386	0.000354	48.14129	0	9.47111	6401	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6301	4.6821	6822	7250	7249	0.498107	0.011386	0.000354	48.14129	0	9.47111	6402	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6302	4.7248	7250	7251	7248	0.498107	0.011386	0.000354	48.14129	0	9.47111	6403	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6303	4.7248	7251	6881	6880	0.498107	0.011386	0.000354	48.14129	0	9.47111	6404	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6304	4.6821	6822	7252	7250	0.498107	0.011386	0.000354	48.14129	0	9.47111	6405	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6305	4.7250	7252	7253	7251	0.498107	0.011386	0.000354	48.14129	0	9.47111	6406	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6306	4.7251	7253	6882	6881	0.498107	0.011386	0.000354	48.14129	0	9.47111	6407	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6307	4.7252	7254	7255	7253	0.498107	0.011386	0.000354	48.14129	0	9.47111	6408	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6308	4.7252	7254	7255	7253	0.498107	0.011386	0.000354	48.14129	0	9.47111	6409	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6309	4.7253	7255	6883	6882	0.498107	0.011386	0.000354	48.14129	0	9.47111	6410	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6310	4.6823	6824	7256	7254	0.498107	0.011386	0.000354	48.14129	0	9.47111	6411	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6311	4.7254	7256	7257	7255	0.498107	0.011386	0.000354	48.14129	0	9.47111	6412	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6312	4.7255	7257	6884	6883	0.498107	0.011386	0.000354	48.14129	0	9.47111	6413	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6313	4.7256	7258	7259	7257	0.498107	0.011386	0.000354	48.14129	0	9.47111	6414	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6314	4.7257	7259	6885	6884	0.498107	0.011386	0.000354	48.14129	0	9.47111	6415	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6315	4.6825	6826	7260	7259	0.498107	0.011386	0.000354	48.14129	0	9.47111	6416	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6316	4.7258	7260	7261	7259	0.498107	0.011386	0.000354	48.14129	0	9.47111	6417	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6317	4.6826	6826	7261	7260	0.498107	0.011386	0.000354	48.14129	0	9.47111	6418	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6318	4.7259	7261	6886	6885	0.498107	0.011386	0.000354	48.14129	0	9.47111	6419	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6319	4.6827	6827	7262	7261	0.498107	0.011386	0.000354	48.14129	0	9.47111	6420	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6320	4.7261	7263	7263	7261	0.498107	0.011386	0.000354	48.14129	0	9.47111	6421	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6321	4.7261	7263	6887	6886	0.498107	0.011386	0.000354	48.14129	0	9.47111	6422	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6322	4.6827	6828	7264	7262	0.498107	0.011386	0.000354	48.14129	0	9.47111	6423	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6323	4.7262	7264	7265	7263	0.498107	0.011386	0.000354	48.14129	0	9.47111	6424	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6324	4.7263	7265	6888	6887	0.498107	0.011386	0.000354	48.14129	0	9.47111	6425	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6325	4.6828	6829	7266	7264	0.498107	0.011386	0.000354	48.14129	0	9.47111	6426	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6326	4.7265	7267	7267	7265	0.498107	0.011386	0.000354	48.14129	0	9.47111	6427	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6327	4.7265	7267	6889	6888	0.498107	0.011386	0.000354	48.14129	0	9.47111	6428	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6328	4.7266	7268	7268	7266	0.498107	0.011386	0.000354	48.14129	0	9.47111	6429	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6329	4.7268	7269	7269	7267	0.498107	0.011386	0.000354	48.14129	0	9.47111	6430	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6330	4.7269	7270	6890	6889	0.498107	0.011386	0.000354	48.14129	0	9.47111	6431	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6331	4.7270	7271	7271	7269	0.498107	0.011386	0.000354	48.14129	0	9.47111	6432	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6332	4.7271	7272	7272	7270	0.498107	0.011386	0.000354	48.14129	0	9.47111	6433	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6333	4.7271	7273	7273	7271	0.498107	0.011386	0.000354	48.14129	0	9.47111	6434	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6334	4.7272	7274	7274	7272	0.498107	0.011386	0.000354	48.14129	0	9.47111	6435	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6335	4.7273	7275	7275	7273	0.498107	0.011386	0.000354	48.14129	0	9.47111	6436	4.7308	6402	6548	0.000378	0.000466	0.000466	32.6885	0	11.29311
6336	4.7274	7276	7276	7272	0.498107	0.011386	0.000354	48.14129	0	9.47111	6437	4.7308	6402	6548	0.000378	0				

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18136	4.22096	22307	22300	22099	0.57417	0.01866	0.00033	16.88707	1.71E-15	10.08742	18236	4.22248	22329	22332	22331	22332	22333	22334	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30387	
18137	4.22087	22308	22301	22302	0.57417	0.01866	0.00033	16.88707	1.71E-15	10.08742	18237	4.22249	22330	22333	22334	22335	22336	22337	22338	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18138	4.22089	22309	22303	22304	0.57417	0.01866	0.00033	16.70157	1.803E-15	10.08611	18238	4.22251	22331	22334	22335	22336	22337	22338	22339	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18139	4.22100	22310	22304	22305	0.57417	0.01866	0.00033	16.70157	1.803E-15	10.08611	18239	4.22242	22332	22335	22336	22337	22338	22339	22340	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18140	4.22102	22311	22306	22307	0.57417	0.01866	0.00033	16.51567	1.826E-15	10.05931	18240	4.22344	22345	22348	22349	22350	22351	22352	22353	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18141	4.22103	22312	22308	22309	0.57417	0.01866	0.00033	16.51567	1.826E-15	10.05931	18241	4.22345	22346	22349	22350	22351	22352	22353	22354	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18142	4.22104	22313	22310	22311	0.57417	0.01866	0.00033	16.32887	1.848E-15	10.03831	18242	4.22346	22347	22350	22351	22352	22353	22354	22355	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18143	4.22105	22314	22311	22312	0.57417	0.01866	0.00033	16.32887	1.848E-15	10.03831	18243	4.22347	22348	22351	22352	22353	22354	22355	22356	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18144	4.22106	22315	22312	22313	0.57417	0.01866	0.00033	16.14427	1.871E-15	10.01419	18244	4.22348	22349	22352	22353	22354	22355	22356	22357	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18145	4.22107	22316	22313	22314	0.57417	0.01866	0.00033	16.14427	1.871E-15	10.01419	18245	4.22349	22350	22353	22354	22355	22356	22357	22358	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18146	4.22111	22317	22315	22316	0.57417	0.01866	0.00033	15.96567	1.894E-15	9.98544	18246	4.22350	22351	22354	22355	22356	22357	22358	22359	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18147	4.22112	22318	22316	22317	0.57417	0.01866	0.00033	15.96567	1.894E-15	9.98544	18247	4.22351	22352	22355	22356	22357	22358	22359	22360	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18148	4.22113	22319	22317	22318	0.57417	0.01866	0.00033	15.78717	1.916E-15	9.96254	18248	4.22352	22353	22356	22357	22358	22359	22360	22361	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18149	4.22114	22320	22318	22319	0.57417	0.01866	0.00033	15.78717	1.916E-15	9.96254	18249	4.22353	22354	22357	22358	22359	22360	22361	22362	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18150	4.22115	22321	22320	22321	0.57417	0.01866	0.00033	15.60927	1.938E-15	9.93954	18250	4.22354	22355	22358	22359	22360	22361	22362	22363	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18151	4.22116	22322	22321	22322	0.57417	0.01866	0.00033	15.43077	1.961E-15	9.91664	18251	4.22355	22356	22359	22360	22361	22362	22363	22364	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18152	4.22117	22323	22322	22323	0.57417	0.01866	0.00033	15.25227	1.984E-15	9.89374	18252	4.22356	22357	22360	22361	22362	22363	22364	22365	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18153	4.22118	22324	22323	22324	0.57417	0.01866	0.00033	15.07377	2.007E-15	9.87084	18253	4.22357	22358	22361	22362	22363	22364	22365	22366	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18154	4.22119	22325	22324	22325	0.57417	0.01866	0.00033	14.89527	2.030E-15	9.84794	18254	4.22358	22359	22362	22363	22364	22365	22366	22367	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18155	4.22120	22326	22325	22326	0.57417	0.01866	0.00033	14.71677	2.053E-15	9.82504	18255	4.22359	22360	22363	22364	22365	22366	22367	22368	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18156	4.22121	22327	22326	22327	0.57417	0.01866	0.00033	14.53827	2.076E-15	9.80214	18256	4.22360	22361	22364	22365	22366	22367	22368	22369	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18157	4.22122	22328	22327	22328	0.57417	0.01866	0.00033	14.35977	2.099E-15	9.77924	18257	4.22361	22362	22365	22366	22367	22368	22369	22370	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18158	4.22123	22329	22328	22329	0.57417	0.01866	0.00033	14.18127	2.122E-15	9.75634	18258	4.22362	22363	22366	22367	22368	22369	22370	22371	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18159	4.22124	22330	22329	22330	0.57417	0.01866	0.00033	14.00277	2.145E-15	9.73344	18259	4.22363	22364	22367	22368	22369	22370	22371	22372	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18160	4.22125	22331	22330	22331	0.57417	0.01866	0.00033	13.82427	2.168E-15	9.71054	18260	4.22364	22365	22368	22369	22370	22371	22372	22373	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18161	4.22126	22332	22331	22332	0.57417	0.01866	0.00033	13.64577	2.191E-15	9.68764	18261	4.22365	22366	22369	22370	22371	22372	22373	22374	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18162	4.22127	22333	22332	22333	0.57417	0.01866	0.00033	13.46727	2.214E-15	9.66474	18262	4.22366	22367	22370	22371	22372	22373	22374	22375	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18163	4.22128	22334	22333	22334	0.57417	0.01866	0.00033	13.28877	2.237E-15	9.64184	18263	4.22367	22368	22371	22372	22373	22374	22375	22376	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18164	4.22129	22335	22334	22335	0.57417	0.01866	0.00033	13.11027	2.260E-15	9.61894	18264	4.22368	22369	22372	22373	22374	22375	22376	22377	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18165	4.22130	22336	22335	22336	0.57417	0.01866	0.00033	12.93177	2.283E-15	9.59604	18265	4.22369	22370	22373	22374	22375	22376	22377	22378	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18166	4.22131	22337	22336	22337	0.57417	0.01866	0.00033	12.75327	2.306E-15	9.57314	18266	4.22370	22371	22374	22375	22376	22377	22378	22379	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18167	4.22132	22338	22337	22338	0.57417	0.01866	0.00033	12.57477	2.329E-15	9.55024	18267	4.22371	22372	22375	22376	22377	22378	22379	22380	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18168	4.22133	22339	22338	22339	0.57417	0.01866	0.00033	12.39627	2.352E-15	9.52734	18268	4.22372	22373	22376	22377	22378	22379	22380	22381	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18169	4.22134	22340	22339	22340	0.57417	0.01866	0.00033	12.21777	2.375E-15	9.50444	18269	4.22373	22374	22377	22378	22379	22380	22381	22382	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18170	4.22135	22341	22340	22341	0.57417	0.01866	0.00033	12.03927	2.398E-15	9.48154	18270	4.22374	22375	22378	22379	22380	22381	22382	22383	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18171	4.22136	22342	22341	22342	0.57417	0.01866	0.00033	11.86077	2.421E-15	9.45864	18271	4.22375	22376	22379	22380	22381	22382	22383	22384	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18172	4.22137	22343	22342	22343	0.57417	0.01866	0.00033	11.68227	2.444E-15	9.43574	18272	4.22376	22377	22380	22381	22382	22383	22384	22385	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18173	4.22138	22344	22343	22344	0.57417	0.01866	0.00033	11.50377	2.467E-15	9.41284	18273	4.22377	22378	22381	22382	22383	22384	22385	22386	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18174	4.22139	22345	22344	22345	0.57417	0.01866	0.00033	11.32527	2.490E-15	9.38994	18274	4.22378	22379	22382	22383	22384	22385	22386	22387	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18175	4.22140	22346	22345	22346	0.57417	0.01866	0.00033	11.14677	2.513E-15	9.36704	18275	4.22379	22380	22383	22384	22385	22386	22387	22388	0.578885	0.01831	0.00094	21.07278	1.28E-15	9.30487
18176	4.22141	22347	22346	22347	0.57417	0.01866	0.00033	10.96827	2.536E-15	9.34414	18276	4.22380	22381	22384	22385	22386	22387	22388	22389	0.578885	0.01831	0.00094	20.97278	1.28E-15	9.30487
18177	4.22142	22348	22347	22348	0.57417	0.01866	0.00033	10.7897																	

18536	4.22574	22575	22580	22579	0.603466	0.030016	0.001501	20.13228	1.38E-15	8.35876	18636	4.22378	22383	22381	22380	0.646075	0.017321	0.000086	29.27387	2.638E-16	9.56589	9.56589
18537	4.22575	22576	22581	22580	0.603462	0.030016	0.001501	20.13228	1.38E-15	8.35876	18637	4.22383	22384	22382	22381	0.653748	0.016563	0.000088	29.11914	2.82E-16	9.56407	9.56407
18538	4.22577	22578	22582	22581	0.603631	0.030029	0.001501	19.96388	1.40E-15	8.17088	18638	4.22688	22689	22684	22683	0.668457	0.016853	0.000093	29.42498	2.44E-16	9.17853	9.17853
18539	4.22578	22579	22583	22582	0.603637	0.030029	0.001501	19.96388	1.40E-15	8.33077	18639	4.22890	22890	22885	22884	0.653101	0.019387	0.000094	29.28385	2.62E-16	9.11707	9.11707
18540	4.22580	22580	22584	22583	0.603642	0.030029	0.001501	19.96388	1.40E-15	8.33077	18640	4.22890	22891	22886	22885	0.637744	0.017319	0.000086	29.13392	2.79E-16	9.16187	9.16187
18541	4.22581	22581	22585	22584	0.603648	0.030029	0.001501	19.96388	1.40E-15	8.17435	18641	4.22891	22892	22887	22886	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18542	4.22582	22582	22586	22585	0.603653	0.030029	0.001501	19.96388	1.40E-15	8.33077	18642	4.22892	22893	22888	22887	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18543	4.22583	22583	22587	22586	0.603658	0.030029	0.001501	19.96388	1.40E-15	8.33077	18643	4.22893	22894	22889	22888	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18544	4.22584	22584	22588	22587	0.603663	0.030029	0.001501	19.96388	1.40E-15	8.33077	18644	4.22894	22895	22890	22889	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18545	4.22585	22585	22592	22588	0.603668	0.030029	0.001501	19.96388	1.40E-15	8.33077	18645	4.22895	22896	22891	22890	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18546	4.22586	22586	22593	22589	0.603673	0.030029	0.001501	19.96388	1.40E-15	8.33077	18646	4.22896	22897	22892	22891	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18547	4.22587	22587	22594	22590	0.603678	0.030029	0.001501	19.96388	1.40E-15	8.33077	18647	4.22897	22898	22893	22892	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18548	4.22588	22588	22595	22591	0.603683	0.030029	0.001501	19.96388	1.40E-15	8.33077	18648	4.22898	22899	22894	22893	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18549	4.22589	22589	22596	22592	0.603688	0.030029	0.001501	19.96388	1.40E-15	8.33077	18649	4.22899	22900	22895	22894	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18550	4.22590	22590	22597	22593	0.603693	0.030029	0.001501	19.96388	1.40E-15	8.33077	18650	4.22900	22901	22896	22895	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18551	4.22591	22591	22598	22594	0.603698	0.030029	0.001501	19.96388	1.40E-15	8.33077	18651	4.22901	22902	22897	22896	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18552	4.22592	22592	22599	22595	0.603703	0.030029	0.001501	19.96388	1.40E-15	8.33077	18652	4.22902	22903	22898	22897	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18553	4.22593	22593	22600	22596	0.603708	0.030029	0.001501	19.96388	1.40E-15	8.33077	18653	4.22903	22904	22899	22898	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18554	4.22594	22594	22601	22597	0.603713	0.030029	0.001501	19.96388	1.40E-15	8.33077	18654	4.22904	22905	22900	22899	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18555	4.22595	22595	22602	22598	0.603718	0.030029	0.001501	19.96388	1.40E-15	8.33077	18655	4.22905	22906	22901	22900	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18556	4.22596	22596	22603	22599	0.603723	0.030029	0.001501	19.96388	1.40E-15	8.33077	18656	4.22906	22907	22902	22901	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18557	4.22597	22597	22604	22600	0.603728	0.030029	0.001501	19.96388	1.40E-15	8.33077	18657	4.22907	22908	22903	22902	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18558	4.22598	22598	22605	22601	0.603733	0.030029	0.001501	19.96388	1.40E-15	8.33077	18658	4.22908	22909	22904	22903	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18559	4.22599	22599	22606	22602	0.603738	0.030029	0.001501	19.96388	1.40E-15	8.33077	18659	4.22909	22910	22905	22904	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18560	4.22600	22600	22607	22603	0.603743	0.030029	0.001501	19.96388	1.40E-15	8.33077	18660	4.22910	22911	22906	22905	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18561	4.22601	22601	22608	22604	0.603748	0.030029	0.001501	19.96388	1.40E-15	8.33077	18661	4.22911	22912	22907	22906	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18562	4.22602	22602	22609	22605	0.603753	0.030029	0.001501	19.96388	1.40E-15	8.33077	18662	4.22912	22913	22908	22907	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18563	4.22603	22603	22610	22606	0.603758	0.030029	0.001501	19.96388	1.40E-15	8.33077	18663	4.22913	22914	22909	22908	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18564	4.22604	22604	22611	22607	0.603763	0.030029	0.001501	19.96388	1.40E-15	8.33077	18664	4.22914	22915	22910	22909	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18565	4.22605	22605	22612	22608	0.603768	0.030029	0.001501	19.96388	1.40E-15	8.33077	18665	4.22915	22916	22911	22910	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18566	4.22606	22606	22613	22609	0.603773	0.030029	0.001501	19.96388	1.40E-15	8.33077	18666	4.22916	22917	22912	22911	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18567	4.22607	22607	22614	22610	0.603778	0.030029	0.001501	19.96388	1.40E-15	8.33077	18667	4.22917	22918	22913	22912	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18568	4.22608	22608	22615	22611	0.603783	0.030029	0.001501	19.96388	1.40E-15	8.33077	18668	4.22918	22919	22914	22913	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18569	4.22609	22609	22616	22612	0.603788	0.030029	0.001501	19.96388	1.40E-15	8.33077	18669	4.22919	22920	22915	22914	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18570	4.22610	22610	22617	22613	0.603793	0.030029	0.001501	19.96388	1.40E-15	8.33077	18670	4.22920	22921	22916	22915	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18571	4.22611	22611	22618	22614	0.603798	0.030029	0.001501	19.96388	1.40E-15	8.33077	18671	4.22921	22922	22917	22916	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18572	4.22612	22612	22619	22615	0.603803	0.030029	0.001501	19.96388	1.40E-15	8.33077	18672	4.22922	22923	22918	22917	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18573	4.22613	22613	22620	22616	0.603808	0.030029	0.001501	19.96388	1.40E-15	8.33077	18673	4.22923	22924	22919	22918	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18574	4.22614	22614	22621	22617	0.603813	0.030029	0.001501	19.96388	1.40E-15	8.33077	18674	4.22924	22925	22920	22919	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18575	4.22615	22615	22622	22618	0.603818	0.030029	0.001501	19.96388	1.40E-15	8.33077	18675	4.22925	22926	22921	22920	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18576	4.22616	22616	22623	22619	0.603823	0.030029	0.001501	19.96388	1.40E-15	8.33077	18676	4.22926	22927	22922	22921	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18577	4.22617	22617	22624	22620	0.603828	0.030029	0.001501	19.96388	1.40E-15	8.33077	18677	4.22927	22928	22923	22922	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18578	4.22618	22618	22625	22621	0.603833	0.030029	0.001501	19.96388	1.40E-15	8.33077	18678	4.22928	22929	22924	22923	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18579	4.22619	22619	22626	22622	0.603838	0.030029	0.001501	19.96388	1.40E-15	8.33077	18679	4.22929	22930	22925	22924	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18580	4.22620	22620	22627	22623	0.603843	0.030029	0.001501	19.96388	1.40E-15	8.33077	18680	4.22930	22931	22926	22925	0.622288	0.016551	0.000088	28.86289	2.27E-16	9.15303	9.15303
18581	4.22621	2																				

18736	4.2287	22838	22813	22812	0.566672	0.017507	0.000875	25.12171	7.71E-16	9.8286	18836	4.22936	22937	22933	22932	0.623835	0.014788	0.00074	19.62066	1.44E-15	9.1039
18737	4.22868	22830	22813	22812	0.566665	0.016675	0.000834	25.00041	9.766E-16	9.8286	18837	4.22927	22928	22933	22932	0.603837	0.014168	0.000708	19.47265	1.46E-15	9.0444
18738	4.22810	22811	22816	22815	0.609686	0.019117	0.000965	25.19688	7.625E-16	10.02624	18838	4.22929	22930	22934	22936	0.661466	0.015544	0.000828	19.87391	1.41E-15	9.25587
18739	4.22811	22812	22817	22816	0.593247	0.018265	0.000934	25.09037	7.755E-16	9.97835	18839	4.22930	22931	22937	22936	0.64652	0.015924	0.000786	19.74341	1.43E-15	9.23143
18740	4.22812	22813	22818	22817	0.576529	0.017435	0.000931	24.98357	7.888E-16	9.93032	18840	4.22931	22932	22938	22937	0.62843	0.016464	0.000765	19.60872	1.44E-15	9.20589
18741	4.22813	22814	22819	22818	0.559892	0.016621	0.000931	24.87746	8.070E-16	9.88311	18841	4.22932	22933	22938	22937	0.619194	0.016884	0.000733	19.47433	1.46E-15	9.18388
18742	4.22814	22815	22820	22819	0.543209	0.015807	0.000931	24.77155	8.263E-16	9.83611	18842	4.22933	22934	22938	22937	0.601814	0.017364	0.000708	19.34585	1.47E-15	9.15838
18743	4.22815	22816	22821	22820	0.526529	0.015032	0.000931	24.66529	8.456E-16	9.78452	18843	4.22934	22935	22938	22937	0.584433	0.017844	0.000681	19.20827	1.48E-15	9.13345
18744	4.22816	22817	22822	22821	0.509829	0.014268	0.000931	24.55929	8.649E-16	9.73732	18844	4.22935	22936	22938	22937	0.567169	0.018324	0.000659	19.08191	1.49E-15	9.10834
18745	4.22817	22818	22823	22822	0.493129	0.013503	0.000931	24.45302	8.842E-16	9.69061	18845	4.22936	22937	22938	22937	0.550498	0.018804	0.000638	18.95478	1.49E-15	9.08383
18746	4.22818	22819	22824	22823	0.476429	0.012738	0.000931	24.34675	9.035E-16	9.64166	18846	4.22937	22938	22938	22937	0.533827	0.019304	0.000617	18.82502	1.49E-15	9.05932
18747	4.22819	22820	22825	22824	0.459729	0.011973	0.000931	24.24047	9.228E-16	9.59271	18847	4.22938	22939	22938	22937	0.517156	0.019804	0.000596	18.69826	1.49E-15	9.03481
18748	4.22820	22821	22826	22825	0.443029	0.011208	0.000931	24.13420	9.421E-16	9.54376	18848	4.22939	22940	22939	22937	0.500485	0.020304	0.000575	18.56750	1.49E-15	9.01030
18749	4.22821	22822	22827	22826	0.426329	0.010443	0.000931	24.02793	9.614E-16	9.49481	18849	4.22940	22941	22939	22937	0.483814	0.020804	0.000554	18.43674	1.49E-15	8.98579
18750	4.22822	22823	22828	22827	0.409629	0.009678	0.000931	23.92166	9.807E-16	9.44586	18850	4.22941	22942	22939	22937	0.467143	0.021304	0.000533	18.30600	1.49E-15	8.96128
18751	4.22823	22824	22829	22828	0.392929	0.008913	0.000931	23.81539	1.0E-15	9.39691	18851	4.22942	22943	22939	22937	0.450472	0.021804	0.000512	18.17524	1.49E-15	8.93677
18752	4.22824	22825	22830	22829	0.376229	0.008148	0.000931	23.70912	1.03E-15	9.34796	18852	4.22943	22944	22939	22937	0.433801	0.022304	0.000491	18.04448	1.49E-15	8.91226
18753	4.22825	22826	22831	22830	0.359529	0.007383	0.000931	23.60285	1.06E-15	9.29901	18853	4.22944	22945	22939	22937	0.417130	0.022804	0.000470	17.91372	1.49E-15	8.88775
18754	4.22826	22827	22832	22831	0.342829	0.006618	0.000931	23.49658	1.09E-15	9.25006	18854	4.22945	22946	22939	22937	0.400459	0.023304	0.000449	17.78300	1.49E-15	8.86324
18755	4.22827	22828	22833	22832	0.326129	0.005853	0.000931	23.39031	1.12E-15	9.20111	18855	4.22946	22947	22939	22937	0.383788	0.023804	0.000428	17.65224	1.49E-15	8.83873
18756	4.22828	22829	22834	22833	0.309429	0.005088	0.000931	23.28404	1.15E-15	9.15216	18856	4.22947	22948	22939	22937	0.367117	0.024304	0.000407	17.52148	1.49E-15	8.81422
18757	4.22829	22830	22835	22834	0.292729	0.004323	0.000931	23.17777	1.18E-15	9.10321	18857	4.22948	22949	22939	22937	0.350446	0.024804	0.000386	17.39072	1.49E-15	8.78971
18758	4.22830	22831	22836	22835	0.276029	0.003558	0.000931	23.07150	1.21E-15	9.05426	18858	4.22949	22950	22939	22937	0.333775	0.025304	0.000365	17.26000	1.49E-15	8.76520
18759	4.22831	22832	22837	22836	0.259329	0.002793	0.000931	22.96523	1.24E-15	9.00531	18859	4.22950	22951	22939	22937	0.317104	0.025804	0.000344	17.12924	1.49E-15	8.74069
18760	4.22832	22833	22838	22837	0.242629	0.002028	0.000931	22.85896	1.27E-15	8.95636	18860	4.22951	22952	22939	22937	0.300433	0.026304	0.000323	16.99848	1.49E-15	8.71618
18761	4.22833	22834	22839	22838	0.225929	0.001263	0.000931	22.75269	1.30E-15	8.90741	18861	4.22952	22953	22939	22937	0.283762	0.026804	0.000302	16.86772	1.49E-15	8.69167
18762	4.22834	22835	22840	22839	0.209229	0.000498	0.000931	22.64642	1.33E-15	8.85846	18862	4.22953	22954	22939	22937	0.267091	0.027304	0.000281	16.73696	1.49E-15	8.66716
18763	4.22835	22836	22841	22840	0.192529	0.000000	0.000931	22.54015	1.36E-15	8.80951	18863	4.22954	22955	22939	22937	0.250420	0.027804	0.000260	16.60620	1.49E-15	8.64265
18764	4.22836	22837	22842	22841	0.175829	0.000000	0.000931	22.43388	1.39E-15	8.76056	18864	4.22955	22956	22939	22937	0.233749	0.028304	0.000239	16.47544	1.49E-15	8.61814
18765	4.22837	22838	22843	22842	0.159129	0.000000	0.000931	22.32761	1.42E-15	8.71161	18865	4.22956	22957	22939	22937	0.217078	0.028804	0.000218	16.34468	1.49E-15	8.59363
18766	4.22838	22839	22844	22843	0.142429	0.000000	0.000931	22.22134	1.45E-15	8.66266	18866	4.22957	22958	22939	22937	0.200407	0.029304	0.000197	16.21392	1.49E-15	8.56912
18767	4.22839	22840	22845	22844	0.125729	0.000000	0.000931	22.11507	1.48E-15	8.61371	18867	4.22958	22959	22939	22937	0.183736	0.029804	0.000176	16.08316	1.49E-15	8.54461
18768	4.22840	22841	22846	22845	0.109029	0.000000	0.000931	22.00880	1.51E-15	8.56476	18868	4.22959	22960	22939	22937	0.167065	0.030304	0.000155	15.95240	1.49E-15	8.52010
18769	4.22841	22842	22847	22846	0.092329	0.000000	0.000931	21.90253	1.54E-15	8.51581	18869	4.22960	22961	22939	22937	0.150394	0.030804	0.000134	15.82164	1.49E-15	8.49559
18770	4.22842	22843	22848	22847	0.075629	0.000000	0.000931	21.79626	1.57E-15	8.46686	18870	4.22961	22962	22939	22937	0.133723	0.031304	0.000113	15.69118	1.49E-15	8.47108
18771	4.22843	22844	22849	22848	0.058929	0.000000	0.000931	21.69000	1.60E-15	8.41791	18871	4.22962	22963	22939	22937	0.117052	0.031804	0.000092	15.56072	1.49E-15	8.44657
18772	4.22844	22845	22850	22849	0.042229	0.000000	0.000931	21.58373	1.63E-15	8.36896	18872	4.22963	22964	22939	22937	0.100381	0.032304	0.000071	15.43026	1.49E-15	8.42206
18773	4.22845	22846	22851	22850	0.025529	0.000000	0.000931	21.47746	1.66E-15	8.32001	18873	4.22964	22965	22939	22937	0.083710	0.032804	0.000050	15.29980	1.49E-15	8.39755
18774	4.22846	22847	22852	22851	0.008829	0.000000	0.000931	21.37119	1.69E-15	8.27106	18874	4.22965	22966	22939	22937	0.067039	0.033304	0.000029	15.16934	1.49E-15	8.37304
18775	4.22847	22848	22853	22852	0.000000	0.000000	0.000931	21.26492	1.72E-15	8.22211	18875	4.22966	22967	22939	22937	0.050368	0.033804	0.000008	15.03888	1.49E-15	8.34853
18776	4.22848	22849	22854	22853	0.000000	0.000000	0.000931	21.15865	1.75E-15	8.17316	18876	4.22967	22968	22939	22937	0.033697	0.034304	0.000000	14.90842	1.49E-15	8.32402
18777	4.22849	22850	22855	22854	0.000000	0.000000	0.000931	21.05238	1.78E-15	8.12421	18877	4.22968	22969	22939	22937	0.017026	0.034804	0.000000	14.77796	1.49E-15	8.29951
18778	4.22850	22851	22856	22855	0.000000	0.000000	0.000931	20.94611	1.81E-15	8.07526	18878	4.22969	22970	22939	22937	0.000355	0.035304	0.000000	14.64750	1.49E-15	8.27500
18779	4.22851	22852	22857	22856	0.000000	0.000000	0.000931	20.83984	1.84E-15	8.02631	18879	4.22970	22971	22939	22937	0.000000	0.035804	0.000000	14.51704	1.49E-15	8.25049
18780	4.22852	22853	22858	22857	0.000000	0.000000	0.000931	20.73357	1.87E-15	7.97736	18880	4.22971	22972	22939	22937	0.000000	0.036304	0.000000	14.38658	1.49E-15	8.22598
18781	4.22853	22854	22859	22858	0.000000	0.000000	0.000931	20.62730	1.90E-15	7.92841	18881	4.22972	22973	22939	22937	0.000000	0.036804	0.000000	14.25612	1.49E-15	8.20147
18782	4.22854	22855	22860	22859	0.000000	0.000000	0.000931	20.52103	1.93E-15	7.87946	18882	4.22973	22974	22939	22937	0.000000	0.037304	0.000000	14.12566	1.49E-15	8.17696
18783	4.22855	22856	22																		

18356	18357	18358	18359	18360	18361	18362	18363	18364	18365	18366	18367	18368	18369	18370	18371	18372	18373	18374	18375	18376	18377	18378	18379	18380	18381	18382	18383	18384	18385	18386	18387	18388	18389	18390	18391	18392	18393	18394	18395	18396	18397	18398	18399	18400	18401	18402	18403	18404	18405	18406	18407	18408	18409	18410	18411	18412	18413	18414	18415	18416	18417	18418	18419	18420	18421	18422	18423	18424	18425	18426	18427	18428	18429	18430	18431	18432	18433	18434	18435	18436	18437	18438	18439	18440	18441	18442	18443	18444	18445	18446	18447	18448	18449	18450	18451	18452	18453	18454	18455	18456	18457	18458	18459	18460	18461	18462	18463	18464	18465	18466	18467	18468	18469	18470	18471	18472	18473	18474	18475	18476	18477	18478	18479	18480	18481	18482	18483	18484	18485	18486	18487	18488	18489	18490	18491	18492	18493	18494	18495	18496	18497	18498	18499	18500	18501	18502	18503	18504	18505	18506	18507	18508	18509	18510	18511	18512	18513	18514	18515	18516	18517	18518	18519	18520	18521	18522	18523	18524	18525	18526	18527	18528	18529	18530	18531	18532	18533	18534	18535	18536	18537	18538	18539	18540	18541	18542	18543	18544	18545	18546	18547	18548	18549	18550	18551	18552	18553	18554	18555	18556	18557	18558	18559	18560	18561	18562	18563	18564	18565	18566	18567	18568	18569	18570	18571	18572	18573	18574	18575	18576	18577	18578	18579	18580	18581	18582	18583	18584	18585	18586	18587	18588	18589	18590	18591	18592	18593	18594	18595	18596	18597	18598	18599	18600	18601	18602	18603	18604	18605	18606	18607	18608	18609	18610	18611	18612	18613	18614	18615	18616	18617	18618	18619	18620	18621	18622	18623	18624	18625	18626	18627	18628	18629	18630	18631	18632	18633	18634	18635	18636	18637	18638	18639	18640	18641	18642	18643	18644	18645	18646	18647	18648	18649	18650	18651	18652	18653	18654	18655	18656	18657	18658	18659	18660	18661	18662	18663	18664	18665	18666	18667	18668	18669	18670	18671	18672	18673	18674	18675	18676	18677	18678	18679	18680	18681	18682	18683	18684	18685	18686	18687	18688	18689	18690	18691	18692	18693	18694	18695	18696	18697	18698	18699	18700	18701	18702	18703	18704	18705	18706	18707	18708	18709	18710	18711	18712	18713	18714	18715	18716	18717	18718	18719	18720	18721	18722	18723	18724	18725	18726	18727	18728	18729	18730	18731	18732	18733	18734	18735	18736	18737	18738	18739	18740	18741	18742	18743	18744	18745	18746	18747	18748	18749	18750	18751	18752	18753	18754	18755	18756	18757	18758	18759	18760	18761	18762	18763	18764	
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19136	4.23280	23295	23190	23189	0.74563	0.03770	0.00175	12.0163	8.1748	4.23373	23388	23890	23374	0.73568	0.03373	0.00187	14.2676	7.5582
19137	4.22286	23286	23311	23286	0.76044	0.03804	0.0018	14.8231	9.4678	4.23374	23389	23901	23375	0.73683	0.03385	0.00186	14.0782	7.5159
19138	4.23286	23311	23297	23287	0.75713	0.03866	0.00176	14.6461	9.4296	4.23375	23390	23911	23376	0.737219	0.03395	0.00186	13.8987	7.5067
19139	4.23297	23312	23298	23298	0.758365	0.03838	0.001754	14.5441	9.4134	4.23376	23391	23932	23377	0.738074	0.03396	0.00189	13.7032	7.5854
19140	4.23288	23313	23294	23299	0.750561	0.03508	0.001754	14.2661	9.3972	4.23377	23392	23953	23378	0.73863	0.03406	0.001703	13.5198	7.5814
19141	4.23289	23314	23295	23300	0.74277	0.03472	0.001758	14.0711	9.38169	4.23378	23393	23994	23379	0.739786	0.03419	0.001707	13.2683	7.5728
19142	4.23290	23315	23296	23301	0.744078	0.03454	0.001758	13.9211	9.36565	4.23379	23394	24035	23380	0.740488	0.03432	0.001715	13.0584	7.5652
19143	4.23301	23316	23297	23302	0.740708	0.03415	0.001758	13.7041	9.34965	4.23380	23395	24076	23381	0.741648	0.03446	0.001719	12.8584	7.5582
19144	4.23302	23317	23298	23303	0.737423	0.03364	0.001682	13.5161	9.33361	4.23381	23396	24117	23382	0.742311	0.03465	0.001723	12.6619	7.5449
19145	4.23303	23318	23299	23304	0.734139	0.03317	0.001677	13.2911	9.31761	4.23382	23397	24158	23383	0.743214	0.03485	0.001729	12.4765	7.5347
19146	4.23304	23319	23300	23305	0.730864	0.03233	0.001662	13.1462	9.30159	4.23383	23398	24199	23384	0.744697	0.03468	0.001731	12.2985	7.5244
19147	4.23305	23320	23301	23306	0.72757	0.03195	0.001646	12.9542	9.2857	4.23384	23399	24240	23385	0.746484	0.03455	0.001735	12.1305	7.5141
19148	4.23306	23321	23302	23307	0.72428	0.03157	0.00163	12.7672	9.2700	4.23385	23400	24281	23386	0.748375	0.03442	0.001739	11.9732	7.5038
19149	4.23307	23322	23303	23310	0.721001	0.03119	0.001615	12.5802	9.2543	4.23386	23401	24322	23387	0.750268	0.03429	0.001743	11.8162	7.4935
19150	4.23308	23323	23304	23309	0.717717	0.03081	0.0016	12.3932	9.2386	4.23387	23402	24363	23388	0.75216	0.03416	0.001747	11.6592	7.4832
19151	4.23310	23324	23305	23310	0.714432	0.03188	0.001585	12.2062	9.2229	4.23388	23403	24404	23389	0.754053	0.03403	0.001752	11.5022	7.4729
19152	4.23310	23325	23306	23311	0.711148	0.03136	0.001569	12.0192	9.20719	4.23389	23404	24445	23390	0.755946	0.0339	0.001756	11.3452	7.4626
19153	4.23309	23326	23307	23312	0.707864	0.03084	0.00155	11.8321	9.1914	4.23390	23405	24486	23391	0.757839	0.03378	0.00176	11.1882	7.4523
19154	4.23311	23327	23308	23313	0.704579	0.03036	0.00153	11.6451	9.1757	4.23391	23406	24527	23392	0.759732	0.03365	0.001764	11.0312	7.442
19155	4.23312	23328	23309	23314	0.701293	0.02988	0.00151	11.4581	9.16	4.23392	23407	24568	23393	0.761625	0.03352	0.001768	10.8742	7.4317
19156	4.23313	23329	23310	23315	0.698449	0.0294	0.00149	11.2711	9.1443	4.23393	23408	24609	23394	0.763518	0.03339	0.001771	10.7172	7.4214
19157	4.23314	23330	23311	23316	0.695164	0.02892	0.00147	11.0841	9.1286	4.23394	23409	24650	23395	0.765411	0.03326	0.001775	10.5602	7.4111
19158	4.23315	23331	23312	23317	0.691879	0.02844	0.00145	10.8971	9.1129	4.23395	23410	24691	23396	0.767304	0.03313	0.001779	10.4032	7.4008
19159	4.23316	23332	23313	23318	0.688594	0.02796	0.00143	10.7101	9.0972	4.23396	23411	24732	23397	0.769197	0.033	0.001782	10.2462	7.3905
19160	4.23317	23333	23314	23319	0.685309	0.02748	0.00141	10.5231	9.0815	4.23397	23412	24773	23398	0.77109	0.03287	0.001786	10.0892	7.3802
19161	4.23318	23334	23315	23320	0.682024	0.027	0.00139	10.3361	9.0658	4.23398	23413	24814	23399	0.772983	0.03274	0.00179	9.9322	7.3699
19162	4.23319	23335	23316	23321	0.678739	0.02652	0.00137	10.1491	9.0501	4.23399	23414	24855	23400	0.774876	0.03261	0.001794	9.7752	7.3596
19163	4.23320	23336	23317	23322	0.675454	0.02604	0.00135	9.9621	9.0344	4.23400	23415	24896	23401	0.776769	0.03248	0.001798	9.6182	7.3493
19164	4.23321	23337	23318	23323	0.672169	0.02556	0.00133	9.7751	9.0187	4.23401	23416	24937	23402	0.778662	0.03235	0.001802	9.4612	7.339
19165	4.23322	23338	23319	23324	0.668884	0.02508	0.00131	9.5881	9.003	4.23402	23417	24978	23403	0.780555	0.03222	0.001806	9.3042	7.3287
19166	4.23323	23339	23320	23325	0.665599	0.0246	0.00129	9.4011	8.9873	4.23403	23418	25019	23404	0.782448	0.03209	0.00181	9.1472	7.3184
19167	4.23324	23340	23321	23326	0.662314	0.02412	0.00127	9.2141	8.9716	4.23404	23419	25060	23405	0.784341	0.03196	0.001814	8.9902	7.3081
19168	4.23325	23341	23322	23327	0.659029	0.02364	0.00125	9.0271	8.9559	4.23405	23420	25101	23406	0.786234	0.03183	0.001818	8.8332	7.2978
19169	4.23326	23342	23323	23328	0.655744	0.02316	0.00123	8.8401	8.9402	4.23406	23421	25142	23407	0.788127	0.0317	0.001822	8.6762	7.2875
19170	4.23327	23343	23324	23329	0.652459	0.02268	0.00121	8.6531	8.9245	4.23407	23422	25183	23408	0.79002	0.03157	0.001826	8.5192	7.2772
19171	4.23328	23344	23325	23330	0.649174	0.0222	0.00119	8.4661	8.9088	4.23408	23423	25224	23409	0.791913	0.03144	0.00183	8.3622	7.2669
19172	4.23329	23345	23326	23331	0.645889	0.02172	0.00117	8.2791	8.8931	4.23409	23424	25265	23410	0.793806	0.03131	0.001834	8.2052	7.2566
19173	4.23330	23346	23327	23332	0.642604	0.02124	0.00115	8.0921	8.8774	4.23410	23425	25306	23411	0.795699	0.03118	0.001838	8.0482	7.2463
19174	4.23331	23347	23328	23333	0.639319	0.02076	0.00113	7.9051	8.8617	4.23411	23426	25347	23412	0.797592	0.03105	0.001842	7.8912	7.236
19175	4.23332	23348	23329	23334	0.636034	0.02028	0.00111	7.7181	8.846	4.23412	23427	25388	23413	0.799485	0.03092	0.001846	7.7342	7.2257
19176	4.23333	23349	23330	23335	0.632749	0.0198	0.00109	7.5311	8.8303	4.23413	23428	25429	23414	0.801378	0.03079	0.00185	7.5772	7.2154
19177	4.23334	23350	23331	23336	0.629464	0.01932	0.00107	7.3441	8.8146	4.23414	23429	25470	23415	0.803271	0.03066	0.001854	7.4202	7.2051
19178	4.23335	23351	23332	23337	0.626179	0.01884	0.00105	7.1571	8.7989	4.23415	23430	25511	23416	0.805164	0.03053	0.001858	7.2632	7.1948
19179	4.23336	23352	23333	23338	0.622894	0.01836	0.00103	6.9701	8.7832	4.23416	23431	25552	23417	0.807057	0.0304	0.001862	7.1062	7.1845
19180	4.23337	23353	23334	23339	0.619609	0.01788	0.00101	6.7831	8.7675	4.23417	23432	25593	23418	0.80895	0.03027	0.001866	6.9492	7.1742
19181	4.23338	23354	23335	23340	0.616324	0.0174	0.00099	6.5961	8.7518	4.23418	23433	25634	23419	0.810843	0.03014	0.00187	6.7922	7.1639
19182	4.23339	23355	23336	23341	0.613039	0.01692	0.00097	6.4091	8.7361	4.23419	23434	25675	23420	0.812736	0.03001	0.001874	6.6352	7.1536
19183	4.23340	23356	23337	23342	0.609754	0.01644	0.00095	6.2221	8.7204	4.23420	23435	25716	23421	0.814629	0.02988	0.001878	6.4782	7.1433
19184	4.23341	23357	23338	23343	0.606469	0.01596	0.00093	6.0351	8.7047	4.23421	23436	25757	23422	0.816522	0.02975	0.001882	6.3212	7.133
19185	4.23342	23358	23339	23344	0.603184	0.01548	0.00091	5.8481	8.689	4.23422	23437	25798	23423	0.818415	0.02962	0.001886	6.1642	7.1227
19186	4.23343	23359	23340	23345	0.600000	0.01501	0.00089	5.6611	8.6733	4.23423	23438	25839	23424	0.820308	0.02949	0.00189	6.0072	7.1124
19187	4.23344	23360	23341	23346	0.596815	0.01453	0.00087	5.4741	8.6576	4.23424	23439	25880	23425	0.822201	0.02936	0.001894	5.8502	7.1021
19188	4.23345	23361	23342	23347	0.593630	0.01405	0.00085	5.2871	8.6419	4.23425	23440	25921	23426	0.824094	0.02923	0.001898	5.6932	7.0918
19189	4.23346	23362	23343	23348	0.590445	0.01357	0.00083	5.1001	8.6262	4.23426	23441	25962	23427	0.825987	0.0291	0.001902	5.5362	7.0815
19190	4.23347	23363	23344	23349	0.587260	0.0131	0.00081	4.9131	8.6105	4.23427	23442	26003	23428	0.82788	0.02897	0.001906	5.3792	7.0712
19191	4.23348	23364	23345	23350	0.584075	0.01262	0.00079	4.7261	8.5948	4.23428	23443	26044	23429	0.829773	0.02884	0.00191	5.2222	7.0609
19192	4.23349	23365	23346	23351	0.580890	0.01214	0.00077	4.5391	8.5791	4.23429	23444	26085	23430	0.831666	0.02871	0.001		

20136	4 23231	24233	24234	24232	0 57818	0 01841	0 00094	10 32897	0 15	9 49115	20236	4 23331	24334	24332	0 58248	0 01913	0 00096	24 21832	0 15	8 20339	20236	4 23331	24334	24332	0 58248	0 01913	0 00096	24 21832	0 15	8 20339
20137	4 23462	24364	24235	24233	0 57818	0 01841	0 00094	10 14147	0 05	9 47266	20237	4 23789	24335	24333	0 58005	0 01002	0 0005	24 07272	0 05	8 20688	20237	4 23789	24335	24333	0 58005	0 01002	0 0005	24 07272	0 05	8 20688
20138	4 23463	24235	24236	24234	0 57818	0 01841	0 00094	9 95597	0 15	9 45418	20238	4 23231	24335	24335	0 40035	0 01002	0 0005	23 97722	0 05	8 20462	20238	4 23231	24335	24335	0 40035	0 01002	0 0005	23 97722	0 05	8 20462
20140	4 23235	24237	24238	24235	0 57818	0 01841	0 00094	9 95597	0 15	9 45418	20240	4 23235	24338	24338	0 40035	0 01002	0 0005	23 97722	0 05	8 20462	20240	4 23235	24338	24338	0 40035	0 01002	0 0005	23 97722	0 05	8 20462
20141	4 23468	24368	24239	24237	0 57818	0 01841	0 00094	9 78647	0 05	9 4357	20241	4 23168	24238	24237	0 40169	0 01006	0 00033	23 67245	0 05	8 20233	20241	4 23168	24238	24237	0 40169	0 01006	0 00033	23 67245	0 05	8 20233
20143	4 23429	24241	24242	24241	0 57818	0 01841	0 00094	9 78647	0 05	9 41721	20243	4 23339	24341	24339	0 40169	0 01006	0 00033	23 77719	0 05	8 19939	20243	4 23339	24341	24339	0 40169	0 01006	0 00033	23 77719	0 05	8 19939
20144	4 23470	24241	24242	24241	0 57818	0 01841	0 00094	9 78647	0 05	9 41721	20244	4 23339	24341	24339	0 40169	0 01006	0 00033	23 77719	0 05	8 19939	20244	4 23339	24341	24339	0 40169	0 01006	0 00033	23 77719	0 05	8 19939
20146	4 23472	24243	24244	24243	0 57818	0 01841	0 00094	9 39147	0 15	9 39873	20246	4 23431	24343	24342	0 592383	0 019119	0 000366	23 62607	0 05	8 19578	20246	4 23431	24343	24342	0 592383	0 019119	0 000366	23 62607	0 05	8 19578
20147	4 23472	24244	24245	24244	0 57818	0 01841	0 00094	9 39147	0 05	9 39873	20247	4 23503	24345	24344	0 592383	0 019119	0 000366	23 63465	0 05	8 19508	20247	4 23503	24345	24344	0 592383	0 019119	0 000366	23 63465	0 05	8 19508
20148	4 23472	24245	24246	24244	0 57818	0 01841	0 00094	9 39147	0 05	9 39873	20248	4 23503	24345	24344	0 592383	0 019119	0 000366	23 63465	0 05	8 19508	20248	4 23503	24345	24344	0 592383	0 019119	0 000366	23 63465	0 05	8 19508
20149	4 23472	24246	24247	24245	0 57818	0 01841	0 00094	9 39147	0 05	9 39873	20249	4 23503	24345	24344	0 592383	0 019119	0 000366	23 63465	0 05	8 19508	20249	4 23503	24345	24344	0 592383	0 019119	0 000366	23 63465	0 05	8 19508
20150	4 23472	24247	24248	24246	0 57818	0 01841	0 00094	9 39147	0 05	9 39873	20250	4 23503	24345	24344	0 592383	0 019119	0 000366	23 63465	0 05	8 19508	20250	4 23503	24345	24344	0 592383	0 019119	0 000366	23 63465	0 05	8 19508
20151	4 5355	23175	24249	11462	0 56567	0 018283	0 000914	31 33126	0 15	8 28784	20252	4 23513	24349	24347	0 592383	0 019119	0 000366	23 65271	0 05	8 17987	20252	4 23513	24349	24347	0 592383	0 019119	0 000366	23 65271	0 05	8 17987
20152	4 11462	24249	24250	11462	0 56567	0 018283	0 000914	31 33126	0 15	8 28784	20252	4 23513	24349	24347	0 592383	0 019119	0 000366	23 65271	0 05	8 17987	20252	4 23513	24349	24347	0 592383	0 019119	0 000366	23 65271	0 05	8 17987
20153	4 23175	23174	24251	24251	0 565754	0 018288	0 000914	31 14841	0 05	8 28784	20253	4 23439	24351	24349	0 592383	0 018349	0 000317	22 96544	0 05	8 17468	20253	4 23439	24351	24349	0 592383	0 018349	0 000317	22 96544	0 05	8 17468
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20160	4 24255	24257	24258	24256	0 578984	0 01885	0 000947	30 59646	0 15	8 28784	20260	4 23513	24352	24352	0 578984	0 01885	0 000947	30 59646	0 05	8 28784	20260	4 23513	24352	24352	0 578984	0 01885	0 000947	30 59646	0 05	8 28784
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20165	4 21716	24262	24263	24261	0 4	0 01	0 0005	30 07272	0 05	8 28784	20265	4 23513	24352	24352	0 4	0 01	0 0005	30 07272	0 05	8 28784	20265	4 23513	24352	24352	0 4	0 01	0 0005	30 07272	0 05	8 28784
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20173	4 21716	24271	24272	24269	0 56567	0 01841	0 00073	29 56547	0 05	8 28257	20273	4 23338	24357	24356	0 400283	0 01014	0 000317	21 21464	0 05	8 18288	20273	4 23338	24357	24356	0 400283	0 01014	0 000317	21 21464	0 05	8 18288
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20177	4 23232	24273	24274	24272	0 56567	0 01841																								

20356	4.2467	2.4433	2.4434	2.4432	0.5708	0.01854	0.00037	15.9654	0.15	7.91976	20436	4.24331	2.4432	2.4433	2.4432	0.40035	0.010032	0.0005	23.9722	-0.15	8.24482
20357	4.22672	2.2677	2.4435	2.4432	0.5708	0.01854	0.00037	15.7714	0.05	7.91123	20437	4.21768	2.4434	2.4435	2.4434	0.401169	0.010056	0.00053	23.8725	-0.05	8.20253
20358	4.24433	2.4435	2.4436	2.4434	0.5708	0.01854	0.00037	15.7714	0.15	7.91123	20438	4.21768	2.4434	2.4435	2.4434	0.401169	0.010056	0.00053	23.8725	-0.15	8.20253
20359	4.22672	2.2677	2.4437	2.4435	0.5708	0.01854	0.00037	15.9653	0.05	7.90271	20439	4.22328	2.4435	2.4437	2.4437	0.401169	0.010056	0.00053	23.7719	-0.05	8.19979
20360	4.24433	2.4437	2.4438	2.4437	0.5708	0.01854	0.00037	15.9653	0.15	7.90271	20440	4.24335	2.4436	2.4437	2.4436	0.401169	0.010056	0.00053	23.7719	-0.15	8.19979
20361	4.22672	2.2677	2.4439	2.4437	0.5708	0.01854	0.00037	15.4079	0.05	7.78418	20441	4.21770	2.4437	2.4439	2.4439	0.392383	0.019119	0.00066	23.6267	-0.05	8.19578
20362	4.24433	2.4439	2.4440	2.4439	0.5708	0.01854	0.00037	15.4079	0.15	7.78418	20442	4.24335	2.4438	2.4439	2.4438	0.392383	0.019119	0.00066	23.6267	-0.15	8.19578
20363	4.22672	2.2677	2.4441	2.4439	0.5708	0.01854	0.00037	15.2152	0.05	7.78686	20443	4.21770	2.4439	2.4441	2.4441	0.392383	0.019119	0.00066	23.4365	-0.05	8.19048
20364	4.24433	2.4441	2.4442	2.4441	0.5708	0.01854	0.00037	15.2152	0.15	7.78686	20444	4.24335	2.4440	2.4441	2.4440	0.392383	0.019119	0.00066	23.4365	-0.15	8.19048
20365	4.22672	2.2677	2.4443	2.4441	0.5708	0.01854	0.00037	15.0787	0.05	7.78909	20445	4.21770	2.4441	2.4443	2.4443	0.392383	0.019119	0.00066	23.2436	-0.05	8.18517
20366	4.24433	2.4443	2.4444	2.4443	0.5708	0.01854	0.00037	15.0787	0.15	7.78909	20446	4.24335	2.4444	2.4445	2.4444	0.392383	0.019119	0.00066	23.2436	-0.15	8.18517
20367	4.22672	2.2677	2.4445	2.4443	0.5708	0.01854	0.00037	14.8326	0.05	7.79123	20447	4.21770	2.4445	2.4447	2.4447	0.392383	0.019119	0.00066	22.8544	-0.05	8.17987
20368	4.24433	2.4447	2.4448	2.4447	0.5708	0.01854	0.00037	14.8326	0.15	7.79123	20448	4.24335	2.4448	2.4449	2.4448	0.392383	0.019119	0.00066	22.8544	-0.15	8.17987
20369	4.22672	2.2677	2.4449	2.4447	0.5708	0.01854	0.00037	14.5875	0.05	7.79346	20449	4.21770	2.4449	2.4451	2.4451	0.392383	0.019119	0.00066	22.6611	-0.05	8.17468
20370	4.24433	2.4449	2.4450	2.4449	0.5708	0.01854	0.00037	14.5875	0.15	7.79346	20450	4.24335	2.4450	2.4451	2.4450	0.392383	0.019119	0.00066	22.6611	-0.15	8.17468
20371	4.22672	2.2677	2.4451	2.4449	0.5708	0.01854	0.00037	14.3424	0.05	7.79569	20451	4.21770	2.4451	2.4453	2.4453	0.392383	0.019119	0.00066	22.4678	-0.05	8.16959
20372	4.24433	2.4451	2.4452	2.4451	0.5708	0.01854	0.00037	14.3424	0.15	7.79569	20452	4.24335	2.4452	2.4453	2.4452	0.392383	0.019119	0.00066	22.4678	-0.15	8.16959
20373	4.22672	2.2677	2.4453	2.4451	0.5708	0.01854	0.00037	14.0973	0.05	7.79792	20453	4.21770	2.4453	2.4455	2.4455	0.392383	0.019119	0.00066	22.2745	-0.05	8.16439
20374	4.24433	2.4453	2.4454	2.4453	0.5708	0.01854	0.00037	14.0973	0.15	7.79792	20454	4.24335	2.4454	2.4455	2.4454	0.392383	0.019119	0.00066	22.2745	-0.15	8.16439
20375	4.22672	2.2677	2.4455	2.4453	0.5708	0.01854	0.00037	13.8522	0.05	7.79915	20455	4.21770	2.4455	2.4457	2.4457	0.392383	0.019119	0.00066	22.0812	-0.05	8.15914
20376	4.24433	2.4455	2.4456	2.4455	0.5708	0.01854	0.00037	13.8522	0.15	7.79915	20456	4.24335	2.4456	2.4457	2.4456	0.392383	0.019119	0.00066	22.0812	-0.15	8.15914
20377	4.22672	2.2677	2.4457	2.4455	0.5708	0.01854	0.00037	13.6071	0.05	7.80138	20457	4.21770	2.4457	2.4459	2.4459	0.392383	0.019119	0.00066	21.8879	-0.05	8.15394
20378	4.24433	2.4457	2.4458	2.4457	0.5708	0.01854	0.00037	13.6071	0.15	7.80138	20458	4.24335	2.4458	2.4459	2.4458	0.392383	0.019119	0.00066	21.8879	-0.15	8.15394
20379	4.22672	2.2677	2.4459	2.4457	0.5708	0.01854	0.00037	13.3620	0.05	7.80361	20459	4.21770	2.4459	2.4461	2.4461	0.392383	0.019119	0.00066	21.6946	-0.05	8.14864
20380	4.24433	2.4459	2.4460	2.4459	0.5708	0.01854	0.00037	13.3620	0.15	7.80361	20460	4.24335	2.4460	2.4461	2.4460	0.392383	0.019119	0.00066	21.6946	-0.15	8.14864
20381	4.22672	2.2677	2.4461	2.4459	0.5708	0.01854	0.00037	13.1169	0.05	7.80584	20461	4.21770	2.4461	2.4463	2.4463	0.392383	0.019119	0.00066	21.5013	-0.05	8.14344
20382	4.24433	2.4461	2.4462	2.4461	0.5708	0.01854	0.00037	13.1169	0.15	7.80584	20462	4.24335	2.4462	2.4463	2.4462	0.392383	0.019119	0.00066	21.5013	-0.15	8.14344
20383	4.22672	2.2677	2.4463	2.4461	0.5708	0.01854	0.00037	12.8718	0.05	7.80807	20463	4.21770	2.4463	2.4465	2.4465	0.392383	0.019119	0.00066	21.3080	-0.05	8.13824
20384	4.24433	2.4463	2.4464	2.4463	0.5708	0.01854	0.00037	12.8718	0.15	7.80807	20464	4.24335	2.4464	2.4465	2.4464	0.392383	0.019119	0.00066	21.3080	-0.15	8.13824
20385	4.22672	2.2677	2.4465	2.4463	0.5708	0.01854	0.00037	12.6267	0.05	7.81030	20465	4.21770	2.4465	2.4467	2.4467	0.392383	0.019119	0.00066	21.1147	-0.05	8.13304
20386	4.24433	2.4465	2.4466	2.4465	0.5708	0.01854	0.00037	12.6267	0.15	7.81030	20466	4.24335	2.4466	2.4467	2.4466	0.392383	0.019119	0.00066	21.1147	-0.15	8.13304
20387	4.22672	2.2677	2.4467	2.4465	0.5708	0.01854	0.00037	12.3816	0.05	7.81253	20467	4.21770	2.4467	2.4469	2.4469	0.392383	0.019119	0.00066	20.9214	-0.05	8.12784
20388	4.24433	2.4467	2.4468	2.4467	0.5708	0.01854	0.00037	12.3816	0.15	7.81253	20468	4.24335	2.4468	2.4469	2.4468	0.392383	0.019119	0.00066	20.9214	-0.15	8.12784
20389	4.22672	2.2677	2.4469	2.4467	0.5708	0.01854	0.00037	12.1365	0.05	7.81476	20469	4.21770	2.4469	2.4471	2.4471	0.392383	0.019119	0.00066	20.7282	-0.05	8.12264
20390	4.24433	2.4469	2.4470	2.4469	0.5708	0.01854	0.00037	12.1365	0.15	7.81476	20470	4.24335	2.4470	2.4471	2.4470	0.392383	0.019119	0.00066	20.7282	-0.15	8.12264
20391	4.22672	2.2677	2.4471	2.4469	0.5708	0.01854	0.00037	11.8914	0.05	7.81699	20471	4.21770	2.4471	2.4473	2.4473	0.392383	0.019119	0.00066	20.5349	-0.05	8.11754
20392	4.24433	2.4471	2.4472	2.4471	0.5708	0.01854	0.00037	11.8914	0.15	7.81699	20472	4.24335	2.4472	2.4473	2.4472	0.392383	0.019119	0.00066	20.5349	-0.15	8.11754
20393	4.22672	2.2677	2.4473	2.4471	0.5708	0.01854	0.00037	11.6463	0.05	7.81922	20473	4.21770	2.4473	2.4475	2.4475	0.392383	0.019119	0.00066	20.3416	-0.05	8.11234
20394	4.24433	2.4473	2.4474	2.4473	0.5708	0.01854	0.00037	11.6463	0.15	7.81922	20474	4.24335	2.4474	2.4475	2.4474	0.392383	0.019119	0.00066	20.3416	-0.15	8.11234
20395	4.22672	2.2677	2.4475	2.4473	0.5708	0.01854	0.00037	11.3915	0.05	7.82145	20475	4.21770	2.4475	2.4477	2.4477	0.392383	0.019119	0.00066	20.1483	-0.05	8.10714
20396	4.24433	2.4475	2.4476	2.4475	0.5708	0.01854	0.00037	11.3915	0.15	7.82145	20476	4.24335	2.4476	2.4477	2.4476	0.392383	0.019119	0.00066	20.1483	-0.15	8.10714
20397	4.22672	2.2677	2.4477	2.4475	0.5708	0.01854	0.00037	11.1464	0.05	7.82368	20477	4.21770	2.4477	2.4479	2.4479	0.392383	0.019119	0.00066	19.9550	-0.05	8.10194
20398	4.24433	2.4477	2.4478	2.4477	0.5708	0.01854	0.00037	11.1464	0.15	7.82368	20478	4.24335	2.4478	2.4479	2.4478	0.392383	0.019119	0.00066	19.9550	-0.15	8.10194
20399	4.22672	2.2677	2.4479	2.4477	0.5708	0.01854	0.00037	10.9013	0.05	7.82591	20479	4.21770	2.4479	2.4481	2.4481	0.392383	0.019119	0.00066	19.7617	-0.05	8.09674
20400	4.24433	2.4479	2.4480	2.4479	0.5708	0.01854	0.00037	10.9013	0.15	7.82591	20480	4.24335	2.4480	2.4481	2.4480	0.392383	0.019119	0.00066	19.7617	-0.15	8.09674
20401	4.22672	2.2677	2.4481	2.4479	0.5708	0.01854	0.00037	10.6562	0.05	7.82814	20481	4.21770	2.4481	2.4483	2.4483	0.392383	0.019119	0.00066	19.5684	-0.05	8.09154
20402	4.24433	2.4481	2.4482	2.4481	0.5708	0.01854	0.00037	10.6562	0.15	7.82814	20482	4.24335	2.4482	2.4483	2.4482	0.392383	0.019119	0.00066	19.5684	-0.15	8.09154
20403	4.22672	2.2677	2.4483	2.4481	0.5708	0.01854	0.00037	10.4111	0.05	7.83037	20483	4.21770	2.4483	2.4485	2.4485	0.392383	0.019119	0.00066	19.3751	-0.05	8.08634
20404	4.24433	2.4483	2.4484	2.4483	0.5708	0.01854	0.00037	10.4111	0.15	7.83037	20484	4.24335	2.4484	2.4485</							

26348	4.31065	22292	31066	0.556666	0.019284	0.000964	14.82272	-0.05	9.08809	26450	4.31130	31158	31159	31131	0.325461	0.006275	0.000314	17.82272	0.15	9.81182
26349	4.31066	22292	31067	0.556666	0.019284	0.000964	14.82272	-0.05	8.87525	26451	4.31131	31159	31160	31132	0.576473	0.018824	0.000941	17.82272	0.15	9.75563
26350	4.31067	22295	31068	0.556666	0.019284	0.000964	14.82272	-0.05	8.8624	26452	4.31132	31160	31161	31133	0.576473	0.018824	0.000941	17.82272	0.15	9.5682
26351	4.31068	22293	31069	0.556666	0.017846	0.000862	14.82272	-0.05	8.84976	26453	4.31133	31162	31163	31134	0.576473	0.018824	0.000941	17.82272	0.15	9.37986
26352	4.31070	22296	31070	0.556666	0.017846	0.000862	14.82272	-0.05	8.83386	26454	4.31134	31163	31164	31135	0.576473	0.018824	0.000941	17.82272	0.15	9.19172
26353	4.31071	22299	31071	0.556666	0.017846	0.000862	14.82272	-0.05	8.81896	26455	4.31135	31164	31165	31136	0.576473	0.018824	0.000941	17.82272	0.15	9.00348
26354	4.31072	22302	31072	0.556666	0.017846	0.000862	14.82272	-0.05	8.80406	26456	4.31136	31165	31166	31137	0.556457	0.017773	0.000869	17.82272	0.15	8.81527
26355	4.31073	22305	31073	0.556666	0.017773	0.000862	14.82272	0.05	8.7909	26457	4.31137	31166	31167	31138	0.556457	0.017773	0.000869	17.82272	0.15	8.6454
26356	4.31074	22308	31074	0.556666	0.017773	0.000862	14.82272	0.05	8.7759	26458	4.31138	31167	31168	31139	0.556457	0.017773	0.000869	17.82272	0.15	8.47681
26357	4.31075	22311	31075	0.556666	0.017773	0.000862	14.82272	0.05	8.7609	26459	4.31139	31168	31169	31140	0.556457	0.017773	0.000869	17.82272	0.15	8.27681
26358	4.31076	22314	31076	0.556666	0.017773	0.000862	14.82272	0.05	8.7459	26460	4.31140	31169	31170	31141	0.556457	0.017773	0.000869	17.82272	0.15	8.0908
26359	4.31077	22317	31077	0.556666	0.017773	0.000862	14.82272	0.05	8.7309	26461	4.31141	31170	31171	31142	0.556457	0.017773	0.000869	17.82272	0.15	7.9048
26360	4.31078	22320	31078	0.556666	0.017773	0.000862	14.82272	0.05	8.7159	26462	4.31142	31171	31172	31143	0.556457	0.017773	0.000869	17.82272	0.15	7.7188
26361	4.31079	22323	31079	0.556666	0.017773	0.000862	14.82272	0.05	8.7009	26463	4.31143	31172	31173	31144	0.556457	0.017773	0.000869	17.82272	0.15	7.5328
26362	4.31080	22326	31080	0.556666	0.017773	0.000862	14.82272	0.05	8.6859	26464	4.31144	31173	31174	31145	0.556457	0.017773	0.000869	17.82272	0.15	7.3468
26363	4.31081	22329	31081	0.556666	0.017773	0.000862	14.82272	0.05	8.6709	26465	4.31145	31174	31175	31146	0.556457	0.017773	0.000869	17.82272	0.15	7.1608
26364	4.31082	22332	31082	0.556666	0.017773	0.000862	14.82272	0.05	8.6559	26466	4.31146	31175	31176	31147	0.556457	0.017773	0.000869	17.82272	0.15	6.9748
26365	4.31083	22335	31083	0.556666	0.017773	0.000862	14.82272	0.05	8.6409	26467	4.31147	31176	31177	31148	0.556457	0.017773	0.000869	17.82272	0.15	6.7888
26366	4.31084	22338	31084	0.556666	0.017773	0.000862	14.82272	0.05	8.6259	26468	4.31148	31177	31178	31149	0.556457	0.017773	0.000869	17.82272	0.15	6.6028
26367	4.31085	22341	31085	0.556666	0.017773	0.000862	14.82272	0.05	8.6109	26469	4.31149	31178	31179	31150	0.556457	0.017773	0.000869	17.82272	0.15	6.4168
26368	4.31086	22344	31086	0.556666	0.017773	0.000862	14.82272	0.05	8.5959	26470	4.31150	31179	31180	31151	0.556457	0.017773	0.000869	17.82272	0.15	6.2308
26369	4.31087	22347	31087	0.556666	0.017773	0.000862	14.82272	0.05	8.5809	26471	4.31151	31180	31181	31152	0.556457	0.017773	0.000869	17.82272	0.15	6.0448
26370	4.31088	22350	31088	0.556666	0.017773	0.000862	14.82272	0.05	8.5659	26472	4.31152	31181	31182	31153	0.556457	0.017773	0.000869	17.82272	0.15	5.8588
26371	4.31089	22353	31089	0.556666	0.017773	0.000862	14.82272	0.05	8.5509	26473	4.31153	31182	31183	31154	0.556457	0.017773	0.000869	17.82272	0.15	5.6728
26372	4.31090	22356	31090	0.556666	0.017773	0.000862	14.82272	0.05	8.5359	26474	4.31154	31183	31184	31155	0.556457	0.017773	0.000869	17.82272	0.15	5.4868
26373	4.31091	22359	31091	0.556666	0.017773	0.000862	14.82272	0.05	8.5209	26475	4.31155	31184	31185	31156	0.556457	0.017773	0.000869	17.82272	0.15	5.3008
26374	4.31092	22362	31092	0.556666	0.017773	0.000862	14.82272	0.05	8.5059	26476	4.31156	31185	31186	31157	0.556457	0.017773	0.000869	17.82272	0.15	5.1148
26375	4.31093	22365	31093	0.556666	0.017773	0.000862	14.82272	0.05	8.4909	26477	4.31157	31186	31187	31158	0.556457	0.017773	0.000869	17.82272	0.15	4.9288
26376	4.31094	22368	31094	0.556666	0.017773	0.000862	14.82272	0.05	8.4759	26478	4.31158	31187	31188	31159	0.556457	0.017773	0.000869	17.82272	0.15	4.7428
26377	4.31095	22371	31095	0.556666	0.017773	0.000862	14.82272	0.05	8.4609	26479	4.31159	31188	31189	31160	0.556457	0.017773	0.000869	17.82272	0.15	4.5568
26378	4.31096	22374	31096	0.556666	0.017773	0.000862	14.82272	0.05	8.4459	26480	4.31160	31189	31190	31161	0.556457	0.017773	0.000869	17.82272	0.15	4.3708
26379	4.31097	22377	31097	0.556666	0.017773	0.000862	14.82272	0.05	8.4309	26481	4.31161	31190	31191	31162	0.556457	0.017773	0.000869	17.82272	0.15	4.1848
26380	4.31098	22380	31098	0.556666	0.017773	0.000862	14.82272	0.05	8.4159	26482	4.31162	31191	31192	31163	0.556457	0.017773	0.000869	17.82272	0.15	4.0008
26381	4.31099	22383	31099	0.556666	0.017773	0.000862	14.82272	0.05	8.4009	26483	4.31163	31192	31193	31164	0.556457	0.017773	0.000869	17.82272	0.15	3.8148
26382	4.31100	22386	31100	0.556666	0.017773	0.000862	14.82272	0.05	8.3859	26484	4.31164	31193	31194	31165	0.556457	0.017773	0.000869	17.82272	0.15	3.6288
26383	4.31101	22389	31101	0.556666	0.017773	0.000862	14.82272	0.05	8.3709	26485	4.31165	31194	31195	31166	0.556457	0.017773	0.000869	17.82272	0.15	3.4428
26384	4.31102	22392	31102	0.556666	0.017773	0.000862	14.82272	0.05	8.3559	26486	4.31166	31195	31196	31167	0.556457	0.017773	0.000869	17.82272	0.15	3.2568
26385	4.31103	22395	31103	0.556666	0.017773	0.000862	14.82272	0.05	8.3409	26487	4.31167	31196	31197	31168	0.556457	0.017773	0.000869	17.82272	0.15	3.0708
26386	4.31104	22398	31104	0.556666	0.017773	0.000862	14.82272	0.05	8.3259	26488	4.31168	31197	31198	31169	0.556457	0.017773	0.000869	17.82272	0.15	2.8848
26387	4.31105	22401	31105	0.556666	0.017773	0.000862	14.82272	0.05	8.3109	26489	4.31169	31198	31199	31170	0.556457	0.017773	0.000869	17.82272	0.15	2.6988
26388	4.31106	22404	31106	0.556666	0.017773	0.000862	14.82272	0.05	8.2959	26490	4.31170	31199	31200	31171	0.556457	0.017773	0.000869	17.82272	0.15	2.5128
26389	4.31107	22407	31107	0.556666	0.017773	0.000862	14.82272	0.05	8.2809	26491	4.31171	31200	31201	31172	0.556457	0.017773	0.000869	17.82272	0.15	2.3268
26390	4.31108	22410	31108	0.556666	0.017773	0.000862	14.82272	0.05	8.2659	26492	4.31172	31201	31202	31173	0.556457	0.017773	0.000869	17.82272	0.15	2.1408
26391	4.31109	22413	31109	0.556666	0.017773	0.000862	14.82272	0.05	8.2509	26493	4.31173	31202	31203	31174	0.556457	0.017773	0.000869	17.82272	0.15	1.9548
26392	4.31110	22416	31110	0.556666	0.017773	0.000862	14.82272	0.05	8.2359	26494	4.31174	31203	31204	31175	0.556457	0.017773	0.000869	17.82272	0.15	1.7688
26393	4.31111	22419	31111	0.556666	0.017773	0.000862	14.82272	0.05	8.2209	26495	4.31175	31204	31205	31176	0.556457	0.017773	0.000869	17.82272	0.15	1.5828
26394	4.31112	22422	31112	0.556666	0.017773	0.000862	14.82272	0.05	8.2059	26496	4.31176	31205	31206	31177	0.556457	0.017773	0.000869	17.82272	0.15	1.3968
26395	4.31113	22425	31113	0.556666	0.017773	0.000862	14.82272	0.05	8.1909	26497	4.31177	31206	31207	31178	0.556457	0.017773	0.000869	17.82272	0.15	1.2108
26396	4.31114	22428	31114	0.556666	0.017773	0.000862	14.82272	0.05	8.1759	26498	4.31178	31207	31208	31179	0.556457	0.017773	0.000869	17.82272	0.15	1.0248
26397	4.31115	22431	31115	0.556666	0.017773	0.000862	14.82272	0.05	8.1609	26499	4.31179	31208	31209	31180	0.556457	0.017773	0.000869	17.82272	0.15	0.8388
26398	4.31116	22434	31116	0.556666	0.017773	0.000862	14.82272	0.05	8.1459	26500	4.31180	31209	31210	31181	0.556457	0.017773</				

2650	2650	4.22184	3.1262	3.1253	22.187	0.581273	0.018064	0.000053	23.8272	0.05	9.72742	4.3134	3.1346	3.1347	3.1315	0.591166	0.018568	0.000078	26.8272	0.15	10.3149
2651	2651	4.22187	3.1254	3.1254	22.190	0.581273	0.018064	0.000053	23.8272	0.05	9.91714	4.3135	3.1347	3.1348	3.1316	0.591166	0.018568	0.000078	26.8272	0.15	10.0489
2652	2652	4.22190	3.1254	3.1255	22.193	0.581273	0.018064	0.000053	23.8272	0.05	9.91714	4.3136	3.1348	3.1349	3.1317	0.591166	0.018568	0.000078	26.8272	0.15	9.85032
2653	2653	4.22193	3.1255	3.1255	22.196	0.581273	0.018064	0.000053	23.8272	0.05	9.20051	4.3137	3.1349	3.1350	3.1318	0.591166	0.018568	0.000078	26.8272	0.15	9.65474
2654	2654	4.22196	3.1256	3.1257	22.194	0.581273	0.018064	0.000053	23.8272	0.05	8.62872	4.3138	3.1350	3.1351	3.1319	0.591166	0.018568	0.000078	26.8272	0.15	9.64915
2655	2655	4.22197	3.1257	3.1258	22.212	0.58533	0.017766	0.000088	23.8272	0.05	8.26272	4.3139	3.1352	3.1353	3.1320	0.591166	0.018568	0.000088	26.8272	0.15	9.63537
2656	2656	4.22198	3.1257	3.1258	22.218	0.58533	0.017766	0.000088	23.8272	0.05	8.26272	4.3140	3.1353	3.1354	3.1321	0.591166	0.018568	0.000088	26.8272	0.15	8.81327
2657	2657	4.22199	3.1258	3.1259	22.218	0.58533	0.017766	0.000088	23.8272	0.05	8.26272	4.3141	3.1354	3.1355	3.1322	0.591166	0.018568	0.000088	26.8272	0.15	8.81327
2658	2658	4.23802	3.1260	3.1260	24.337	0.58533	0.017766	0.000088	23.8272	0.05	10.8101	4.3142	3.1355	3.1356	3.1323	0.591166	0.018568	0.000088	26.8272	0.15	8.26272
2659	2659	4.31282	3.1261	3.1259	31.229	0.400089	0.010048	0.000018	23.8272	0.05	10.83852	4.3143	3.1356	3.1357	3.1324	0.591166	0.018568	0.000088	26.8272	0.15	8.26272
2660	2660	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3144	3.1357	3.1358	3.1325	0.591166	0.018568	0.000088	26.8272	0.05	9.34841
2661	2661	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3145	3.1358	3.1359	3.1326	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2662	2662	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3146	3.1359	3.1360	3.1327	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2663	2663	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3147	3.1360	3.1361	3.1328	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2664	2664	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3148	3.1361	3.1362	3.1329	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2665	2665	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3149	3.1362	3.1363	3.1330	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2666	2666	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3150	3.1363	3.1364	3.1331	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2667	2667	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3151	3.1364	3.1365	3.1332	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2668	2668	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3152	3.1365	3.1366	3.1333	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2669	2669	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3153	3.1366	3.1367	3.1334	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2670	2670	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3154	3.1367	3.1368	3.1335	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2671	2671	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3155	3.1368	3.1369	3.1336	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2672	2672	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3156	3.1369	3.1370	3.1337	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2673	2673	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3157	3.1370	3.1371	3.1338	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2674	2674	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3158	3.1371	3.1372	3.1339	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2675	2675	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3159	3.1372	3.1373	3.1340	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2676	2676	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3160	3.1373	3.1374	3.1341	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2677	2677	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3161	3.1374	3.1375	3.1342	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2678	2678	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3162	3.1375	3.1376	3.1343	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2679	2679	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3163	3.1376	3.1377	3.1344	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2680	2680	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3164	3.1377	3.1378	3.1345	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2681	2681	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3165	3.1378	3.1379	3.1346	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2682	2682	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3166	3.1379	3.1380	3.1347	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2683	2683	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3167	3.1380	3.1381	3.1348	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2684	2684	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3168	3.1381	3.1382	3.1349	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2685	2685	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3169	3.1382	3.1383	3.1350	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2686	2686	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3170	3.1383	3.1384	3.1351	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2687	2687	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3171	3.1384	3.1385	3.1352	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2688	2688	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3172	3.1385	3.1386	3.1353	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2689	2689	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3173	3.1386	3.1387	3.1354	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2690	2690	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3174	3.1387	3.1388	3.1355	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2691	2691	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3175	3.1388	3.1389	3.1356	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2692	2692	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3176	3.1389	3.1390	3.1357	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2693	2693	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3177	3.1390	3.1391	3.1358	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2694	2694	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3178	3.1391	3.1392	3.1359	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2695	2695	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3179	3.1392	3.1393	3.1360	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2696	2696	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3180	3.1393	3.1394	3.1361	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2697	2697	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	23.8272	0.05	10.83852	4.3181	3.1394	3.1395	3.1362	0.591166	0.018568	0.000088	26.8272	0.05	11.3726
2698	2698	4.31282	3.1260	3.1261	31.263	0.327091	0.008335	0.000318	2												

26750	4.31441	5388	5257	11285	0.556632	0.017832	0.000862	32.82288	-0.05	8.3177	26850	4.31535	31503	31604	31536	31536	31536	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26751	4.5251	8429	31442	5379	0.400869	0.010048	0.000302	32.82288	-0.05	11.3725	26851	4.31538	31504	31605	31537	31537	31537	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26752	4.5252	8430	31443	5380	0.400869	0.010048	0.000302	32.82288	-0.05	11.3725	26852	4.31538	31505	31606	31537	31537	31537	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26753	4.5252	8430	31443	5380	0.400869	0.010048	0.000302	32.82288	-0.05	11.3725	26853	4.31538	31506	31607	31537	31537	31537	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26754	4.5393	31444	31444	5396	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26854	4.31539	31507	31608	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26755	4.5396	31445	31445	5399	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26855	4.31539	31508	31609	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26756	4.5399	31446	31446	5402	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26856	4.31539	31509	31610	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26757	4.5402	31447	31447	5405	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26857	4.31539	31510	31611	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26758	4.5405	31448	31448	5408	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26858	4.31539	31511	31612	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26759	4.5408	31449	31449	5411	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26859	4.31539	31512	31613	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26760	4.5411	31450	31450	5414	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26860	4.31539	31513	31614	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26761	4.5414	31451	31451	5417	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26861	4.31539	31514	31615	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26762	4.5417	31452	31452	5420	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26862	4.31539	31515	31616	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26763	4.5420	31453	31453	5423	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26863	4.31539	31516	31617	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26764	4.5423	31454	31454	5426	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26864	4.31539	31517	31618	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26765	4.5426	31455	31455	5429	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26865	4.31539	31518	31619	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26766	4.5429	31456	31456	5432	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26866	4.31539	31519	31620	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26767	4.5432	31457	31457	5435	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26867	4.31539	31520	31621	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26768	4.5435	31458	31458	5438	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26868	4.31539	31521	31622	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26769	4.5438	31459	31459	5441	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26869	4.31539	31522	31623	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26770	4.5441	31460	31460	5444	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26870	4.31539	31523	31624	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26771	4.5444	31461	31461	5447	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26871	4.31539	31524	31625	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26772	4.5447	31462	31462	5450	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26872	4.31539	31525	31626	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26773	4.5450	31463	31463	5453	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26873	4.31539	31526	31627	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26774	4.5453	31464	31464	5456	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26874	4.31539	31527	31628	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26775	4.5456	31465	31465	5459	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26875	4.31539	31528	31629	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26776	4.5459	31466	31466	5462	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26876	4.31539	31529	31630	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26777	4.5462	31467	31467	5465	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26877	4.31539	31530	31631	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26778	4.5465	31468	31468	5468	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26878	4.31539	31531	31632	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26779	4.5468	31469	31469	5471	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26879	4.31539	31532	31633	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26780	4.5471	31470	31470	5474	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26880	4.31539	31533	31634	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26781	4.5474	31471	31471	5477	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26881	4.31539	31534	31635	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26782	4.5477	31472	31472	5480	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26882	4.31539	31535	31636	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26783	4.5480	31473	31473	5483	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26883	4.31539	31536	31637	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26784	4.5483	31474	31474	5486	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26884	4.31539	31537	31638	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26785	4.5486	31475	31475	5489	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26885	4.31539	31538	31639	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26786	4.5489	31476	31476	5492	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26886	4.31539	31539	31640	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26787	4.5492	31477	31477	5495	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26887	4.31539	31540	31641	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26788	4.5495	31478	31478	5498	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26888	4.31539	31541	31642	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26789	4.5498	31479	31479	5501	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26889	4.31539	31542	31643	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26790	4.5501	31480	31480	5504	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26890	4.31539	31543	31644	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26791	4.5504	31481	31481	5507	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26891	4.31539	31544	31645	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26792	4.5507	31482	31482	5510	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26892	4.31539	31545	31646	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26793	4.5510	31483	31483	5513	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26893	4.31539	31546	31647	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26794	4.5513	31484	31484	5516	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26894	4.31539	31547	31648	31538	31538	31538	0.591166	0.019568	0.000078	35.82288	-0.15	9.86187
26795	4.5516	31485	31485	5519	0.570111	0.018506	0.000325	32.82288	-0.05	10.4419	26895	4.31539											

27382	4 32158	32161	32182	32159	0.574189	0.018661	0.000933	37.52882	3.65	10.8735	4 32292	32295	32296	32293	0.57417	0.01866	0.00093	45.5853	3.65	9.8889
27383	4 32160	32163	32164	32165	0.574189	0.018661	0.000933	37.51554	3.65	10.81973	4 32294	32297	32298	32296	0.57417	0.01866	0.00093	46.14403	3.65	9.8889
27384	4 32161	32164	32165	32166	0.574189	0.018661	0.000933	37.51554	3.65	10.81924	4 32295	32298	32299	32298	0.57417	0.01866	0.00093	46.14403	3.65	9.8889
27385	4 32163	32166	32167	32168	0.574189	0.018661	0.000933	37.70125	3.65	10.80142	4 32297	32300	32301	32298	0.57417	0.01866	0.00093	46.32973	3.65	10.6581
27386	4 32166	32169	32170	32168	0.574189	0.018661	0.000933	37.70125	3.65	10.80033	4 32298	32301	32302	32299	0.57417	0.01866	0.00093	46.32973	3.65	9.8502
27387	4 32168	32171	32172	32169	0.574189	0.018661	0.000933	37.88896	3.65	10.83811	4 32300	32303	32304	32301	0.57417	0.01866	0.00093	46.51543	3.65	9.8502
27388	4 32169	32172	32173	32170	0.574189	0.018661	0.000933	38.07288	3.65	10.8648	4 32302	32305	32306	32303	0.57417	0.01866	0.00093	46.70113	3.65	10.6419
27389	4 32170	32173	32174	32171	0.574189	0.018661	0.000933	38.07288	3.65	10.8648	4 32303	32306	32307	32304	0.57417	0.01866	0.00093	46.70113	3.65	9.91371
27390	4 32172	32175	32176	32173	0.574189	0.018661	0.000933	38.25839	3.65	10.84469	4 32304	32307	32308	32305	0.57417	0.01866	0.00093	46.88683	3.65	9.9588
27391	4 32174	32177	32178	32175	0.574189	0.018661	0.000933	38.4411	3.65	10.82819	4 32307	32310	32311	32308	0.57417	0.01866	0.00093	46.88683	3.65	9.8848
27392	4 32175	32179	32180	32177	0.574189	0.018661	0.000933	38.4411	3.65	10.82819	4 32308	32312	32313	32310	0.57417	0.01866	0.00093	47.07253	3.65	9.8778
27393	4 32176	32180	32181	32178	0.574189	0.018661	0.000933	38.4411	3.65	10.82819	4 32309	32315	32316	32313	0.57417	0.01866	0.00093	47.2582	3.65	9.8778
27394	4 32178	32182	32183	32180	0.574189	0.018661	0.000933	38.7285	3.65	10.86631	4 32311	32314	32315	32314	0.57417	0.01866	0.00093	47.2582	3.65	9.8603
27395	4 32181	32184	32185	32182	0.574189	0.018661	0.000933	38.7285	3.65	10.86631	4 32312	32316	32317	32315	0.57417	0.01866	0.00093	47.44393	3.65	9.9406
27396	4 32182	32186	32187	32183	0.574189	0.018661	0.000933	38.7285	3.65	10.86631	4 32313	32318	32319	32318	0.57417	0.01866	0.00093	47.44393	3.65	9.8405
27397	4 32183	32189	32190	32186	0.574189	0.018661	0.000933	38.9907	3.65	10.8785	4 32314	32320	32321	32319	0.57417	0.01866	0.00093	47.63743	3.65	9.8405
27398	4 32184	32190	32191	32187	0.574189	0.018661	0.000933	38.9907	3.65	10.8785	4 32315	32323	32324	32320	0.57417	0.01866	0.00093	47.63743	3.65	9.8405
27399	4 32185	32191	32192	32188	0.574189	0.018661	0.000933	39.0745	3.65	10.86914	4 32316	32325	32326	32323	0.57417	0.01866	0.00093	47.8232	3.65	9.8405
27400	4 32186	32192	32193	32189	0.574189	0.018661	0.000933	39.0745	3.65	10.86914	4 32317	32327	32328	32326	0.57417	0.01866	0.00093	47.8232	3.65	9.8405
27401	4 32187	32193	32194	32190	0.574189	0.018661	0.000933	39.25839	3.65	10.85155	4 32318	32329	32330	32328	0.57417	0.01866	0.00093	48.0094	3.65	10.6889
27402	4 32188	32194	32195	32191	0.574189	0.018661	0.000933	39.25839	3.65	10.85155	4 32319	32331	32332	32330	0.57417	0.01866	0.00093	48.0094	3.65	9.8778
27403	4 32189	32195	32196	32192	0.574189	0.018661	0.000933	39.44221	3.65	10.83525	4 32320	32333	32334	32332	0.57417	0.01866	0.00093	48.19403	3.65	9.8778
27404	4 32190	32196	32197	32193	0.574189	0.018661	0.000933	39.44221	3.65	10.83525	4 32321	32335	32336	32334	0.57417	0.01866	0.00093	48.37967	3.65	9.8778
27405	4 32191	32197	32198	32194	0.574189	0.018661	0.000933	39.44221	3.65	10.83525	4 32322	32337	32338	32336	0.57417	0.01866	0.00093	48.37967	3.65	9.8778
27406	4 32192	32198	32199	32195	0.574189	0.018661	0.000933	39.7345	3.65	10.87465	4 32323	32339	32340	32338	0.57417	0.01866	0.00093	48.5653	3.65	9.8778
27407	4 32193	32199	32200	32196	0.574189	0.018661	0.000933	39.7345	3.65	10.87465	4 32324	32341	32342	32340	0.57417	0.01866	0.00093	48.5653	3.65	9.8778
27408	4 32194	32200	32201	32197	0.574189	0.018661	0.000933	39.7345	3.65	10.87465	4 32325	32343	32344	32342	0.57417	0.01866	0.00093	48.7509	3.65	9.8778
27409	4 32195	32201	32202	32198	0.574189	0.018661	0.000933	39.9207	3.65	10.86914	4 32326	32345	32346	32344	0.57417	0.01866	0.00093	48.7509	3.65	9.8778
27410	4 32196	32202	32203	32199	0.574189	0.018661	0.000933	39.9207	3.65	10.86914	4 32327	32347	32348	32346	0.57417	0.01866	0.00093	48.9364	3.65	9.8778
27411	4 32197	32203	32204	32200	0.574189	0.018661	0.000933	39.9207	3.65	10.86914	4 32328	32349	32350	32348	0.57417	0.01866	0.00093	48.9364	3.65	9.8778
27412	4 32198	32204	32205	32201	0.574189	0.018661	0.000933	40.14469	3.65	10.8005	4 32329	32351	32352	32350	0.57417	0.01866	0.00093	49.122	3.65	10.6889
27413	4 32199	32205	32206	32202	0.574189	0.018661	0.000933	40.14469	3.65	10.8005	4 32330	32353	32354	32352	0.57417	0.01866	0.00093	49.122	3.65	9.8778
27414	4 32200	32206	32207	32203	0.574189	0.018661	0.000933	40.14469	3.65	10.8005	4 32331	32355	32356	32354	0.57417	0.01866	0.00093	49.3075	3.65	9.8778
27415	4 32201	32207	32208	32204	0.574189	0.018661	0.000933	40.33031	3.65	10.84274	4 32332	32357	32358	32356	0.57417	0.01866	0.00093	49.3075	3.65	9.8778
27416	4 32202	32209	32210	32205	0.574189	0.018661	0.000933	40.33031	3.65	10.84274	4 32333	32359	32360	32358	0.57417	0.01866	0.00093	49.493	3.65	9.8778
27417	4 32203	32210	32211	32206	0.574189	0.018661	0.000933	40.33031	3.65	10.84274	4 32334	32361	32362	32360	0.57417	0.01866	0.00093	49.493	3.65	9.8778
27418	4 32204	32211	32212	32207	0.574189	0.018661	0.000933	40.51593	3.65	10.82394	4 32335	32363	32364	32362	0.57417	0.01866	0.00093	49.6785	3.65	9.8778
27419	4 32205	32212	32213	32208	0.574189	0.018661	0.000933	40.51593	3.65	10.82394	4 32336	32365	32366	32364	0.57417	0.01866	0.00093	49.6785	3.65	9.8778
27420	4 32206	32213	32214	32210	0.574189	0.018661	0.000933	40.51593	3.65	10.82394	4 32337	32367	32368	32366	0.57417	0.01866	0.00093	49.864	3.65	9.8778
27421	4 32207	32214	32215	32211	0.574189	0.018661	0.000933	40.51593	3.65	10.82394	4 32338	32369	32370	32368	0.57417	0.01866	0.00093	49.864	3.65	9.8778
27422	4 32208	32215	32216	32212	0.574189	0.018661	0.000933	40.7056	3.65	10.80544	4 32339	32371	32372	32370	0.57417	0.01866	0.00093	49.864	3.65	9.8778
27423	4 32209	32216	32217	32213	0.574189	0.018661	0.000933	40.7056	3.65	10.80544	4 32340	32373	32374	32372	0.57417	0.01866	0.00093	50.0495	3.65	9.8778
27424	4 32210	32217	32218	32214	0.574189	0.018661	0.000933	40.7056	3.65	10.80544	4 32341	32375	32376	32374	0.57417	0.01866	0.00093	50.0495	3.65	9.8778
27425	4 32211	32218	32219	32215	0.574189	0.018661	0.000933	40.8878	3.65	10.84866	4 32342	32377	32378	32376	0.57417	0.01866	0.00093	50.235	3.65	9.8778
27426	4 32212	32219	32220	32216	0.574189	0.018661	0.000933	40.8878	3.65	10.84866	4 32343	32379	32380	32378	0.57417	0.01866	0.00093	50.235	3.65	9.8778
27427	4 32213	32220	32221	32217	0.574189	0.018661	0.000933	40.8878	3.65	10.84866	4 32344	32381	32382	32380	0.57417	0.01866	0.00093	50.4205	3.65	9.8778
27428	4 32214	32221	32222	32218	0.574189	0.018661	0.000933	40.8878	3.65	10.84866	4 32345	32383	32384	32382	0.57417	0.01866	0.00093	50.4205	3.65	9.8778
27429	4 32215	32222	32223	32219	0.574189	0.018661	0.000933	41.0728	3.65	10.8694	4 32346	32385	32386	32384	0.57417	0.01866	0.00093	50.606	3.65	9.8778
27430	4 32216	32223	32224	32220	0.574189	0.018661	0.000933	41.0728	3.65	10.8694	4 32347	32387	32388	32386	0.57417	0.01866	0.00093	50.606	3.65	9.8778
27431	4 32217	32224	32225	32221	0.574189	0.018661	0.000933	41.0728	3.65	10.8694	4 32348	32389	32390	32388	0.57417	0.01866	0.00093	50.7915	3.65	9.8778
27432	4 32218	32225	32226	32222	0.574189	0.018661	0.000933	41.26286	3.65	10.81366	4 32349	32391	32392	32390	0.57417	0.01866	0.00093	50.7915	3.65	9.8778
27433	4 32219	32226	32227	32223	0.574189	0.018661	0.000933</													

[illegible]

28652	4.33574	33575	33590	33590	0.73683	0.03814	0.001601	48.7178	3.65	7.4519	28652	4.33713	33714	33729	33728	0.68133	0.02614	0.001431	52.5126	3.65	8.0067	28652	4.33713	33714	33729	33728	0.68133	0.02614	0.001431	52.5126	3.65	8.0067
28653	4.33575	33576	33591	33590	0.73704	0.03865	0.001699	48.6453	3.65	7.0657	28653	4.33714	33715	33730	33729	0.67803	0.02796	0.001415	52.0076	3.65	8.0049	28653	4.33714	33715	33730	33729	0.67803	0.02796	0.001415	52.0076	3.65	8.0049
28654	4.33576	33577	33592	33591	0.73804	0.03936	0.001703	48.1188	3.65	7.8654	28654	4.33715	33716	33731	33730	0.67154	0.02786	0.001389	53.0718	3.65	8.0063	28654	4.33716	33717	33732	33731	0.67154	0.02786	0.001389	53.0718	3.65	8.0063
28655	4.33577	33578	33593	33592	0.73893	0.04068	0.001707	48.3282	3.65	7.8651	28655	4.33716	33717	33732	33731	0.67154	0.02786	0.001389	53.0718	3.65	8.0063	28655	4.33717	33718	33733	33732	0.67154	0.02786	0.001389	53.0718	3.65	8.0063
28656	4.33578	33579	33594	33593	0.74062	0.04221	0.001711	48.7051	3.65	7.8651	28656	4.33718	33719	33734	33733	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28656	4.33719	33720	33735	33734	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28657	4.33579	33580	33595	33594	0.74234	0.04383	0.001712	50.0721	3.65	7.8651	28657	4.33720	33721	33736	33735	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28657	4.33721	33722	33737	33736	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28658	4.33580	33581	33596	33595	0.74407	0.04546	0.001722	50.2665	3.65	7.8651	28658	4.33722	33723	33738	33737	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28658	4.33723	33724	33739	33738	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28659	4.33581	33582	33597	33596	0.74581	0.04709	0.001735	50.2889	3.65	7.8651	28659	4.33724	33725	33740	33739	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28659	4.33725	33726	33741	33740	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28660	4.33582	33583	33600	33599	0.74754	0.04872	0.001748	50.2889	3.65	7.8651	28660	4.33726	33727	33742	33741	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28660	4.33727	33728	33743	33742	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28661	4.33583	33584	33601	33600	0.74927	0.05035	0.001762	51.39148	3.65	8.3284	28661	4.33728	33729	33744	33743	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28661	4.33729	33730	33745	33744	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28662	4.33584	33585	33602	33601	0.75100	0.05208	0.001775	51.39148	3.65	8.3284	28662	4.33730	33731	33746	33745	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28662	4.33731	33732	33747	33746	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28663	4.33585	33586	33603	33602	0.75273	0.05381	0.001788	52.1648	3.65	8.3284	28663	4.33732	33733	33748	33747	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28663	4.33733	33734	33749	33748	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28664	4.33586	33587	33604	33603	0.75446	0.05554	0.001801	52.1648	3.65	8.3284	28664	4.33734	33735	33750	33749	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28664	4.33735	33736	33751	33750	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28665	4.33587	33588	33605	33604	0.75619	0.05727	0.001814	52.1648	3.65	8.3284	28665	4.33736	33737	33752	33751	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28665	4.33737	33738	33753	33752	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28666	4.33588	33589	33606	33605	0.75792	0.05900	0.001827	52.1648	3.65	8.3284	28666	4.33738	33739	33754	33753	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28666	4.33739	33740	33755	33754	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28667	4.33589	33590	33607	33606	0.75965	0.06073	0.001840	52.1648	3.65	8.3284	28667	4.33740	33741	33756	33755	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28667	4.33741	33742	33757	33756	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28668	4.33590	33591	33608	33607	0.76138	0.06246	0.001853	52.1648	3.65	8.3284	28668	4.33742	33743	33758	33757	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28668	4.33743	33744	33759	33758	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28669	4.33591	33592	33609	33608	0.76311	0.06419	0.001866	52.1648	3.65	8.3284	28669	4.33744	33745	33760	33759	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28669	4.33745	33746	33761	33760	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28670	4.33592	33593	33610	33609	0.76484	0.06592	0.001879	52.1648	3.65	8.3284	28670	4.33746	33747	33762	33761	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28670	4.33747	33748	33763	33762	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28671	4.33593	33594	33611	33610	0.76657	0.06765	0.001892	52.1648	3.65	8.3284	28671	4.33748	33749	33764	33763	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28671	4.33749	33750	33765	33764	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28672	4.33594	33595	33612	33611	0.76830	0.06938	0.001905	52.1648	3.65	8.3284	28672	4.33750	33751	33766	33765	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28672	4.33751	33752	33767	33766	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28673	4.33595	33596	33613	33612	0.77003	0.07111	0.001918	52.1648	3.65	8.3284	28673	4.33752	33753	33768	33767	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28673	4.33753	33754	33769	33768	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28674	4.33596	33597	33614	33613	0.77176	0.07284	0.001931	52.1648	3.65	8.3284	28674	4.33754	33755	33769	33769	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28674	4.33755	33756	33770	33769	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28675	4.33597	33598	33615	33614	0.77349	0.07457	0.001944	52.1648	3.65	8.3284	28675	4.33756	33757	33770	33770	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28675	4.33757	33758	33771	33770	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28676	4.33598	33599	33616	33615	0.77522	0.07630	0.001957	52.1648	3.65	8.3284	28676	4.33758	33759	33771	33771	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28676	4.33759	33760	33772	33771	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28677	4.33599	33600	33617	33616	0.77695	0.07803	0.001970	52.1648	3.65	8.3284	28677	4.33760	33761	33772	33772	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28677	4.33761	33762	33773	33772	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28678	4.33600	33601	33618	33617	0.77868	0.07976	0.001983	52.1648	3.65	8.3284	28678	4.33762	33763	33773	33773	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28678	4.33763	33764	33774	33773	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28679	4.33601	33602	33619	33618	0.78041	0.08149	0.001996	52.1648	3.65	8.3284	28679	4.33764	33765	33774	33774	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28679	4.33765	33766	33775	33774	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28680	4.33602	33603	33620	33619	0.78214	0.08322	0.002009	52.1648	3.65	8.3284	28680	4.33766	33767	33775	33775	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28680	4.33767	33768	33776	33775	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28681	4.33603	33604	33621	33620	0.78387	0.08495	0.002022	52.1648	3.65	8.3284	28681	4.33768	33769	33776	33776	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28681	4.33769	33770	33777	33776	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28682	4.33604	33605	33622	33621	0.78560	0.08668	0.002035	52.1648	3.65	8.3284	28682	4.33770	33771	33777	33777	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28682	4.33771	33772	33778	33777	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28683	4.33605	33606	33623	33622	0.78733	0.08841	0.002048	52.1648	3.65	8.3284	28683	4.33772	33773	33778	33778	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28683	4.33773	33774	33779	33778	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28684	4.33606	33607	33624	33623	0.78906	0.09014	0.002061	52.1648	3.65	8.3284	28684	4.33774	33775	33779	33779	0.66801	0.02705	0.001389	53.4525	3.65	8.0063	28684	4.33775	33776	33780	33779	0.66801	0.02705	0.001389	53.4525	3.65	8.0063
28685	4.33607	33608	33625	33624	0.79079	0.09187	0.002074	52.1648	3.65	8.3284	28685	4.33776	33777	33780	33780	0.66801	0.02705	0.001389	53.4525	3.65	8.0063											

29382	29383	29384	29385	29386	29387	29388	29389	29390	29391	29392	29393	29394	29395	29396	29397	29398	29399	29400	29401	29402	29403	29404	29405	29406	29407	29408	29409	29410	29411	29412	29413	29414	29415	29416	29417	29418	29419	29420	29421	29422	29423	29424	29425	29426	29427	29428	29429	29430	29431	29432	29433	29434	29435	29436	29437	29438	29439	29440	29441	29442	29443	29444	29445	29446	29447	29448	29449	29450	29451	29452	29453	29454	29455	29456	29457	29458	29459	29460	29461	29462	29463	29464	29465	29466	29467	29468	29469	29470	29471	29472	29473	29474	29475	29476	29477	29478	29479	29480	29481	29482	29483	29484	29485	29486	29487	29488	29489	29490	29491	29492	29493	29494	29495	29496	29497	29498	29499	29500	29501	29502	29503	29504	29505	29506	29507	29508	29509	29510	29511	29512	29513	29514	29515	29516	29517	29518	29519	29520	29521	29522	29523	29524	29525	29526	29527	29528	29529	29530	29531	29532	29533	29534	29535	29536	29537	29538	29539	29540	29541	29542	29543	29544	29545	29546	29547	29548	29549	29550	29551	29552	29553	29554	29555	29556	29557	29558	29559	29560	29561	29562	29563	29564	29565	29566	29567	29568	29569	29570	29571	29572	29573	29574	29575	29576	29577	29578	29579	29580	29581	29582	29583	29584	29585	29586	29587	29588	29589	29590	29591	29592	29593	29594	29595	29596	29597	29598	29599	29600	29601	29602	29603	29604	29605	29606	29607	29608	29609	29610	29611	29612	29613	29614	29615	29616	29617	29618	29619	29620	29621	29622	29623	29624	29625	29626	29627	29628	29629	29630	29631	29632	29633	29634	29635	29636	29637	29638	29639	29640	29641	29642	29643	29644	29645	29646	29647	29648	29649	29650	29651	29652	29653	29654	29655	29656	29657	29658	29659	29660	29661	29662	29663	29664	29665	29666	29667	29668	29669	29670	29671	29672	29673	29674	29675	29676	29677	29678	29679	29680	29681	29682	29683	29684	29685	29686	29687	29688	29689	29690	29691	29692	29693	29694	29695	29696	29697	29698	29699	29700	29701	29702	29703	29704	29705	29706	29707	29708	29709	29710	29711	29712	29713	29714	29715	29716	29717	29718	29719	29720	29721	29722	29723	29724	29725	29726	29727	29728	29729	29730	29731	29732	29733	29734	29735	29736	29737	29738	29739	29740	29741	29742	29743	29744	29745	29746	29747	29748	29749	29750	29751	29752	29753	29754	29755	29756	29757	29758	29759	29760	29761	29762	29763	29764	29765	29766	29767	29768	29769	29770	29771	29772	29773	29774	29775	29776	29777	29778	29779	29780	29781	29782	29783	29784	29785	29786	29787	29788	29789	29790	29791	29792	29793	29794	29795	29796	29797	29798	29799	29800	29801	29802	29803	29804	29805	29806	29807	29808	29809	29810	29811	29812	29813	29814	29815	29816	29817	29818	29819	29820	29821	29822	29823	29824	29825	29826	29827	29828	29829	29830	29831	29832	29833	29834	29835	29836	29837	29838	29839	29840	29841	29842	29843	29844	29845	29846	29847	29848	29849	29850	29851	29852	29853	29854	29855	29856	29857	29858	29859	29860	29861	29862	29863	29864	29865	29866	29867	29868	29869	29870	29871	29872	29873	29874	29875	29876	29877	29878	29879	29880	29881	29882	29883	29884	29885	29886	29887	29888	29889	29890	29891	29892	29893	29894	29895	29896	29897	29898	29899	29900	29901	29902	29903	29904	29905	29906	29907	29908	29909	29910	29911	29912	29913	29914	29915	29916	29917	29918	29919	29920	29921	29922	29923	29924	29925	29926	29927	29928	29929	29930	29931	29932	29933	29934	29935	29936	29937	29938	29939	29940	29941	29942	29943	29944	29945	29946	29947	29948	29949	29950	29951	29952	29953	29954	29955	29956	29957	29958	29959	29960	29961	29962	29963	29964	29965	29966	29967	29968	29969	29970	29971	29972	29973	29974	29975	29976	29977	29978	29979	29980	29981	29982	29983	29984	29985	29986	29987	29988	29989	29990	29991	29992	29993	29994	29995	29996	29997	29998	29999	30000
4.3283	4.3286	4.3289	4.3292	4.3295	4.3298	4.3301	4.3304	4.3307	4.3310	4.3313	4.3316	4.3319	4.3322	4.3325	4.3328	4.3331	4.3334	4.3337	4.3340	4.3343	4.3346	4.3349	4.3352	4.3355	4.3358	4.3361	4.3364	4.3367	4.3370	4.3373	4.3376	4.3379	4.3382	4.3385	4.3388	4.3391	4.3394	4.3397	4.3400	4.3403	4.3406	4.3409	4.3412	4.3415	4.3418	4.3421	4.3424	4.3427	4.3430	4.3433	4.3436	4.3439	4.3442	4.3445	4.3448	4.3451	4.3454	4.3457	4.3460	4.3463	4.3466	4.3469	4.3472	4.3475	4.3478	4.3481	4.3484	4.3487	4.3490	4.3493	4.3496	4.3499	4.3502	4.3505	4.3508	4.3511	4.3514	4.3517	4.3520	4.3523	4.3526	4.3529	4.3532	4.3535	4.3538	4.3541	4.3544	4.3547	4.3550	4.3553	4.3556	4.3559	4.3562	4.3565	4.3568	4.3571	4.3574	4.3577	4.3580	4.3583	4.3586	4.3589	4.3592	4.3595	4.3598	4.3601	4.3604	4.3607	4.3610	4.3613	4.3616	4.3619	4.3622	4.3625	4.3628	4.3631	4.3634	4.3637	4.3640	4.3643	4.3646	4.3649	4.3652	4.3655	4.3658	4.3661	4.3664	4.3667	4.3670	4.3673	4.3676	4.3679	4.3682	4.3685	4.3688	4.3691	4.3694	4.3697	4.3700	4.3703	4.3706	4.3709	4.3712	4.3715	4.3718	4.3721	4.3724	4.3727	4.3730	4.3733	4.3736	4.3739	4.3742	4.3745	4.3748	4.3751	4.3754	4.3757	4.3760	4.3763	4.3766	4.3769	4.3772	4.3775	4.3778	4.3781	4.3784	4.3787	4.3790	4.3793	4.3796	4.3799	4.3802	4.3805	4.3808	4.3811	4.3814	4.3817	4.3820	4.3823	4.3826	4.3829	4.3832	4.3835	4.3838	4.3841	4.3844	4.3847	4.3850	4.3853	4.3856	4.3859	4.3862	4.3865	4.3868	4.3871	4.3874	4.3877	4.3880	4.3883	4.3886	4.3889	4.3892	4.3895	4.3898	4.3901	4.3904	4.3907	4.3910	4.3913	4.3916	4.3919	4.3922	4.3925	4.3928	4.3931	4.3934	4.3937	4.3940	4.3943	4.3946	4.3949	4.3952	4.3955	4.3958	4.3961	4.3964	4.3967	4.3970	4.3973	4.3976	4.3979	4.3982	4.3985	4.3988	4.3991	4.3994	4.3997	4.4000	4.4003	4.4006	4.4009	4.4012	4.4015	4.4018	4.4021	4.4024	4.4027	4.4030	4.4033	4.4036	4.4039	4.4042	4.4045	4.4048	4.4051	4.4054	4.4057	4.4060	4.4063	4.4066	4.4069	4.4072	4.4075	4.4078	4.4081	4.4084	4.4087	4.4090	4.4093	4.4096	4.4099	4.4102	4.4105	4.4108	4.4111	4.4114	4.4117	4.4120	4.4123	4.4126	4.4129	4.4132	4.4135	4.4138	4.4141	4.4144	4.4147	4.4150	4.4153	4.4156	4.4159	4.4162	4.4165	4.4168	4.4171	4.4174	4.4177	4.4180	4.4183	4.4186	4.4189	4.4192	4.4195	4.4198	4.4201	4.4204	4.4207	4.4210	4.4213	4.4216	4.4219	4.4222	4.4225	4.4228	4.4231	4.4234	4.4237	4.4240	4.4243	4.4246	4.4249	4.4252	4.4255	4.4258	4.4261	4.4264	4.4267	4.4270	4.4273	4.4276	4.4279	4.4282	4.4285	4.4288	4.4291	4.4294	4.4297	4.4300	4.4303	4.4306	4.4309	4.4312	4.4315	4.4318	4.4321	4.4324	4.4327	4.4330	4.4333	4.4336	4.4339	4.4342	4.4345	4.4348	4.4351	4.4354	4.4357	4.4360	4.4363	4.4366	4.4369	4.4372	4.4375	4.4378	4.4381	4.4384	4.4387	4.4390	4.4393	4.4396	4.4399	4.4402	4.4405	4.4408	4.4411	4.4414	4.4417	4.4420	4.4423	4.4426	4.4429	4.4432	4.4435	4.4438	4.4441	4.4444	4.4447	4.4450	4.4453	4.4456	4.4459	4.4462	4.4465	4.4468	4.4471	4.4474	4.4477	4.4480	4.4483	4.4486	4.4489	4.4492	4.4495	4.4498	4.4501	4.4504	4.4507	4.4510	4.4513	4.4516	4.4519	4.4522	4.4525	4.4528	4.4531	4.4534	4.4537	4.4540	4.4543	4.4546	4.4549	4.4552	4.4555	4.4558	4.4561	4.4564	4.4567	4.4570	4.4573	4.4576	4.4579	4.4582	4.4585	4.4588	4.4591	4.4594	4.4597	4.4600	4.4603	4.4606	4.4609	4.4612	4.4615	4.4618	4.4621	4.4624	4.4627	4.4630	4.4633	4.4636	4.4639	4.4642	4.4645	4.4648	4.4651	4.4654	4.4657	4.4660	4.4663	4.4666	4.4669	4.4672	4.4675	4.4678	4.4681	4.4684	4.4687	4.4690	4.4693	4.4696	4.4699	4.4702	4.4705	4.4708	4.4711	4.4714	4.4717	4.4720	4.4723	4.4726	4.4729	4.4732	4.4735	4.4738	4.4741	4.4744	4.4747	4.4750	4.4753	4.4756	4.4759	4.4762	4.4765	4.4768	4.4771	4.4774	4.4777	4.4780	4.4783	4.4786	4.4789	4.4792	4.4795	4.4798	4.4801	4.4804	4.4807	4.4810	4.4813	4.4816	4.4819	4.4822	4.4825	4.4828	4.4831	4.4834	4.4837	4.4840	4.4843	4.4846	4.4849	4.4852	4.4855	4.4858	4.4861	4.4864	4.4867	4.4870	4.4873	4.4876	4.4879	4.4882	4.4885	4.4888	4.4891	4.4894	4.4897	4.4900	4.4903	4.4906	4.4909	4.4912	4.4915	4.4918	4.4921	4.4924	4.4927	4.4930	4.4933	4.4936	4.4939	4.4942	4.4945	4.4948	4.4951	4.4954	4.4957	4.4960	4																																																										

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31152	4.36504	3.6505	3.607	0.57787	0.01841	0.00042	12.9147	3.65	9.6443	31252	4.36615	3.6630	3.631	0.75649	0.03696	0.00176	14.641	3.65	8.6561
31153	4.36509	3.6507	3.609	0.57787	0.01841	0.00042	12.2037	3.65	9.6275	31253	4.36621	3.6632	3.631	0.75654	0.03700	0.00176	14.641	3.65	8.6472
31154	4.36510	3.6509	3.610	0.57787	0.01841	0.00042	12.0167	3.65	9.6078	31254	4.36623	3.6634	3.631	0.75659	0.03705	0.00176	14.641	3.65	8.6383
31155	4.36511	3.6510	3.611	0.57787	0.01841	0.00042	11.8287	3.65	9.5881	31255	4.36625	3.6636	3.631	0.75664	0.03710	0.00176	14.641	3.65	8.6293
31156	4.36512	3.6511	3.612	0.57787	0.01841	0.00042	11.6417	3.65	9.5684	31256	4.36627	3.6638	3.631	0.75669	0.03715	0.00176	14.641	3.65	8.6204
31157	4.36513	3.6512	3.613	0.57787	0.01841	0.00042	11.4547	3.65	9.5487	31257	4.36629	3.6640	3.631	0.75674	0.03720	0.00176	14.641	3.65	8.6115
31158	4.36514	3.6513	3.614	0.57787	0.01841	0.00042	11.2677	3.65	9.5290	31258	4.36631	3.6642	3.631	0.75679	0.03725	0.00176	14.641	3.65	8.6026
31159	4.36515	3.6514	3.615	0.57787	0.01841	0.00042	11.0807	3.65	9.5093	31259	4.36633	3.6644	3.631	0.75684	0.03730	0.00176	14.641	3.65	8.5937
31160	4.36516	3.6515	3.616	0.57787	0.01841	0.00042	10.8937	3.65	9.4896	31260	4.36635	3.6646	3.631	0.75689	0.03735	0.00176	14.641	3.65	8.5848
31161	4.36517	3.6516	3.617	0.57787	0.01841	0.00042	10.7067	3.65	9.4699	31261	4.36637	3.6648	3.631	0.75694	0.03740	0.00176	14.641	3.65	8.5759
31162	4.36518	3.6517	3.618	0.57787	0.01841	0.00042	10.5197	3.65	9.4502	31262	4.36639	3.6650	3.631	0.75699	0.03745	0.00176	14.641	3.65	8.5670
31163	4.36519	3.6518	3.619	0.57787	0.01841	0.00042	10.3327	3.65	9.4305	31263	4.36641	3.6652	3.631	0.75704	0.03750	0.00176	14.641	3.65	8.5581
31164	4.36520	3.6519	3.620	0.57787	0.01841	0.00042	10.1457	3.65	9.4108	31264	4.36643	3.6654	3.631	0.75709	0.03755	0.00176	14.641	3.65	8.5492
31165	4.36521	3.6520	3.621	0.57787	0.01841	0.00042	9.9587	3.65	9.3911	31265	4.36645	3.6656	3.631	0.75714	0.03760	0.00176	14.641	3.65	8.5403
31166	4.36522	3.6521	3.622	0.57787	0.01841	0.00042	9.7717	3.65	9.3714	31266	4.36647	3.6658	3.631	0.75719	0.03765	0.00176	14.641	3.65	8.5314
31167	4.36523	3.6522	3.623	0.57787	0.01841	0.00042	9.5847	3.65	9.3517	31267	4.36649	3.6660	3.631	0.75724	0.03770	0.00176	14.641	3.65	8.5225
31168	4.36524	3.6523	3.624	0.57787	0.01841	0.00042	9.3977	3.65	9.3320	31268	4.36651	3.6662	3.631	0.75729	0.03775	0.00176	14.641	3.65	8.5136
31169	4.36525	3.6524	3.625	0.57787	0.01841	0.00042	9.2107	3.65	9.3123	31269	4.36653	3.6664	3.631	0.75734	0.03780	0.00176	14.641	3.65	8.5047
31170	4.36526	3.6525	3.626	0.57787	0.01841	0.00042	9.0237	3.65	9.2926	31270	4.36655	3.6666	3.631	0.75739	0.03785	0.00176	14.641	3.65	8.4958
31171	4.36527	3.6526	3.627	0.57787	0.01841	0.00042	8.8367	3.65	9.2729	31271	4.36657	3.6668	3.631	0.75744	0.03790	0.00176	14.641	3.65	8.4869
31172	4.36528	3.6527	3.628	0.57787	0.01841	0.00042	8.6497	3.65	9.2532	31272	4.36659	3.6670	3.631	0.75749	0.03795	0.00176	14.641	3.65	8.4780
31173	4.36529	3.6528	3.629	0.57787	0.01841	0.00042	8.4627	3.65	9.2335	31273	4.36661	3.6672	3.631	0.75754	0.03800	0.00176	14.641	3.65	8.4691
31174	4.36530	3.6529	3.630	0.57787	0.01841	0.00042	8.2757	3.65	9.2138	31274	4.36663	3.6674	3.631	0.75759	0.03805	0.00176	14.641	3.65	8.4602
31175	4.36531	3.6530	3.631	0.57787	0.01841	0.00042	8.0887	3.65	9.1941	31275	4.36665	3.6676	3.631	0.75764	0.03810	0.00176	14.641	3.65	8.4513
31176	4.36532	3.6531	3.632	0.57787	0.01841	0.00042	7.9017	3.65	9.1744	31276	4.36667	3.6678	3.631	0.75769	0.03815	0.00176	14.641	3.65	8.4424
31177	4.36533	3.6532	3.633	0.57787	0.01841	0.00042	7.7147	3.65	9.1547	31277	4.36669	3.6680	3.631	0.75774	0.03820	0.00176	14.641	3.65	8.4335
31178	4.36534	3.6533	3.634	0.57787	0.01841	0.00042	7.5277	3.65	9.1350	31278	4.36671	3.6682	3.631	0.75779	0.03825	0.00176	14.641	3.65	8.4246
31179	4.36535	3.6534	3.635	0.57787	0.01841	0.00042	7.3407	3.65	9.1153	31279	4.36673	3.6684	3.631	0.75784	0.03830	0.00176	14.641	3.65	8.4157
31180	4.36536	3.6535	3.636	0.57787	0.01841	0.00042	7.1537	3.65	9.0956	31280	4.36675	3.6686	3.631	0.75789	0.03835	0.00176	14.641	3.65	8.4068
31181	4.36537	3.6536	3.637	0.57787	0.01841	0.00042	6.9667	3.65	9.0759	31281	4.36677	3.6688	3.631	0.75794	0.03840	0.00176	14.641	3.65	8.3979
31182	4.36538	3.6537	3.638	0.57787	0.01841	0.00042	6.7797	3.65	9.0562	31282	4.36679	3.6690	3.631	0.75799	0.03845	0.00176	14.641	3.65	8.3890
31183	4.36539	3.6538	3.639	0.57787	0.01841	0.00042	6.5927	3.65	9.0365	31283	4.36681	3.6692	3.631	0.75804	0.03850	0.00176	14.641	3.65	8.3801
31184	4.36540	3.6539	3.640	0.57787	0.01841	0.00042	6.4057	3.65	9.0168	31284	4.36683	3.6694	3.631	0.75809	0.03855	0.00176	14.641	3.65	8.3712
31185	4.36541	3.6540	3.641	0.57787	0.01841	0.00042	6.2187	3.65	8.9971	31285	4.36685	3.6696	3.631	0.75814	0.03860	0.00176	14.641	3.65	8.3623
31186	4.36542	3.6541	3.642	0.57787	0.01841	0.00042	6.0317	3.65	8.9774	31286	4.36687	3.6698	3.631	0.75819	0.03865	0.00176	14.641	3.65	8.3534
31187	4.36543	3.6542	3.643	0.57787	0.01841	0.00042	5.8447	3.65	8.9577	31287	4.36689	3.6700	3.631	0.75824	0.03870	0.00176	14.641	3.65	8.3445
31188	4.36544	3.6543	3.644	0.57787	0.01841	0.00042	5.6577	3.65	8.9380	31288	4.36691	3.6702	3.631	0.75829	0.03875	0.00176	14.641	3.65	8.3356
31189	4.36545	3.6544	3.645	0.57787	0.01841	0.00042	5.4707	3.65	8.9183	31289	4.36693	3.6704	3.631	0.75834	0.03880	0.00176	14.641	3.65	8.3267
31190	4.36546	3.6545	3.646	0.57787	0.01841	0.00042	5.2837	3.65	8.8986	31290	4.36695	3.6706	3.631	0.75839	0.03885	0.00176	14.641	3.65	8.3178
31191	4.36547	3.6546	3.647	0.57787	0.01841	0.00042	5.0967	3.65	8.8789	31291	4.36697	3.6708	3.631	0.75844	0.03890	0.00176	14.641	3.65	8.3089
31192	4.36548	3.6547	3.648	0.57787	0.01841	0.00042	4.9097	3.65	8.8592	31292	4.36699	3.6710	3.631	0.75849	0.03895	0.00176	14.641	3.65	8.2999
31193	4.36549	3.6548	3.649	0.57787	0.01841	0.00042	4.7227	3.65	8.8395	31293	4.36701	3.6712	3.631	0.75854	0.03900	0.00176	14.641	3.65	8.2910
31194	4.36550	3.6549	3.650	0.57787	0.01841	0.00042	4.5357	3.65	8.8198	31294	4.36703	3.6714	3.631	0.75859	0.03905	0.00176	14.641	3.65	8.2821
31195	4.36551	3.6550	3.651	0.57787	0.01841	0.00042	4.3487	3.65	8.7999	31295	4.36705	3.6716	3.631	0.75864	0.03910	0.00176	14.641	3.65	8.2732
31196	4.36552	3.6551	3.652	0.57787	0.01841	0.00042	4.1617	3.65	8.7802	31296	4.36707	3.6718	3.631	0.75869	0.03915	0.00176	14.641	3.65	8.2643
31197	4.36553	3.6552	3.653	0.57787	0.01841	0.00042	3.9747	3.65	8.7605	31297	4.36709	3.6720	3.631	0.75874	0.03920	0.00176	14.641	3.65	8.2554
31198	4.36554	3.6553	3.654	0.57787	0.01841	0.00042	3.7877	3.65	8.7408	31298	4.36711	3.6722	3.631	0.75879	0.03925	0.00176	14.641	3.65	8.2465
31199	4.36555	3.6554	3.655	0.57787	0.01841	0.00042	3.6007	3.65	8.7211	31299	4.36713	3.6724	3.631	0.75884	0.03930	0.00176	14.641	3.65	8.2376
31200	4.36556	3.6555	3.656	0.57787	0.01841	0.00042	3.4137	3.65	8.7014	31300	4.36715	3.6726	3.631	0.75889	0.03935	0.00176	14.641	3.65	8.2287
31201	4.36557	3.6556	3.657	0.57787	0.01841	0.00042	3.2267	3.65	8.6817	31301	4.36717	3.6728	3.631	0.75894	0.03940	0.00176	14.641	3.65	8.2198
31202	4.36558	3.6557	3.658	0.57787	0.01841	0.00042	3.0397	3.65	8.6620	31302	4.36719	3.6730	3.631	0.75899	0.03945	0.00176	14.641	3.65	8.2109
31203	4.36559	3.6558	3.659	0.57787	0.01841	0.00042	2.8527	3.65	8.6423	31303	4.36721	3.6732	3.631	0.75904	0.03950	0.00176	14.641	3.65	8.2020
31204	4.36560	3.6559	3.660	0.57787	0.01841	0.00042	2.6657	3.65	8.6226	31304	4.36723	3.6734	3.631	0.75909	0.03955	0.00176	14.641	3.65	8.1931
31205	4.36561	3.6560	3.661	0.57787	0.01841	0.00042	2.4787	3.65	8.6029	31305	4.36725	3.6736	3.631	0.75914	0.03960	0.00176	14.641	3.65	8.1842
31206	4.36562	3.6561	3.662	0.57787	0.01841	0.00042	2.2917	3.65	8.5832	31306	4.36727	3.6738	3.631	0.75919	0.03965	0.00176	1		

31762	4.37055	37056	37057	0.57329	0.01861	0.00033	25.3286	3.5	10.8967	31852	4.37155	37156	37157	0.5732	0.01866	0.00033	17.4417	3.5	10.9289
31763	4.35242	37057	37058	0.57329	0.01861	0.00033	25.14415	3.5	10.9166	31853	4.35344	37157	37158	0.5732	0.01866	0.00033	17.2587	3.5	10.9172
31764	4.37057	37058	37059	0.57329	0.01861	0.00033	25.14415	3.5	10.9166	31854	4.37157	37159	37160	0.5732	0.01866	0.00033	17.2587	3.5	10.9172
31765	4.35245	37059	37061	0.57329	0.01861	0.00033	24.95644	3.5	10.9335	31855	4.35347	37160	37161	0.5732	0.01866	0.00033	17.0727	3.5	10.15597
31766	4.35248	37061	37063	0.57329	0.01861	0.00033	24.71722	3.5	10.9195	31857	4.35350	37161	37162	0.5732	0.01866	0.00033	16.807	3.5	10.13786
31767	4.35249	37063	37065	0.57329	0.01861	0.00033	24.58701	3.5	10.9374	31858	4.35351	37162	37163	0.5732	0.01866	0.00033	16.70137	3.5	10.13858
31768	4.37063	37064	37066	0.57329	0.01861	0.00033	24.49701	3.5	10.9674	31859	4.35352	37163	37164	0.5732	0.01866	0.00033	16.5157	3.5	10.13935
31769	4.37065	37066	37068	0.57329	0.01861	0.00033	24.40129	3.5	10.9743	31861	4.35353	37164	37165	0.5732	0.01866	0.00033	16.3197	3.5	10.10195
31770	4.35257	37068	37069	0.57329	0.01861	0.00033	24.30621	3.5	10.9847	31862	4.35354	37165	37166	0.5732	0.01866	0.00033	16.1567	3.5	10.10105
31771	4.37073	37073	37075	0.57329	0.01861	0.00033	23.97272	3.5	10.9818	31863	4.35355	37166	37167	0.5732	0.01866	0.00033	15.9787	3.5	10.02724
31772	4.37075	37076	37077	0.57329	0.01861	0.00033	23.87245	3.5	10.9829	31864	4.35356	37167	37168	0.5732	0.01866	0.00033	15.8017	3.5	10.02724
31773	4.35264	37077	37079	0.57329	0.01861	0.00033	23.7726	3.5	10.9838	31865	4.35357	37168	37169	0.5732	0.01866	0.00033	15.6247	3.5	9.99121
31774	4.37077	37078	37080	0.57329	0.01861	0.00033	23.67282	3.5	10.9848	31866	4.35358	37169	37170	0.5732	0.01866	0.00033	15.4477	3.5	9.99121
31775	4.35003	37079	37081	0.57329	0.01861	0.00033	23.57297	3.5	10.9858	31867	4.35359	37170	37171	0.5732	0.01866	0.00033	15.2707	3.5	9.99121
31776	4.37079	37080	37082	0.57329	0.01861	0.00033	23.47311	3.5	10.9868	31868	4.35360	37171	37172	0.5732	0.01866	0.00033	15.0937	3.5	9.99121
31777	4.37081	37083	37085	0.57329	0.01861	0.00033	23.37325	3.5	10.9878	31869	4.35361	37172	37173	0.5732	0.01866	0.00033	14.9167	3.5	9.99121
31778	4.35271	37084	37086	0.57329	0.01861	0.00033	23.27339	3.5	10.9888	31870	4.35362	37173	37174	0.5732	0.01866	0.00033	14.7397	3.5	9.99121
31779	4.37083	37086	37088	0.57329	0.01861	0.00033	23.17353	3.5	10.9898	31871	4.35363	37174	37175	0.5732	0.01866	0.00033	14.5627	3.5	9.99121
31780	4.35273	37088	37089	0.57329	0.01861	0.00033	23.07367	3.5	10.9908	31872	4.35364	37175	37176	0.5732	0.01866	0.00033	14.3857	3.5	9.99121
31781	4.37085	37089	37091	0.57329	0.01861	0.00033	22.97381	3.5	10.9918	31873	4.35365	37176	37177	0.5732	0.01866	0.00033	14.2087	3.5	9.99121
31782	4.35275	37091	37093	0.57329	0.01861	0.00033	22.87395	3.5	10.9928	31874	4.35366	37177	37178	0.5732	0.01866	0.00033	14.0317	3.5	9.99121
31783	4.37087	37093	37095	0.57329	0.01861	0.00033	22.77409	3.5	10.9938	31875	4.35367	37178	37179	0.5732	0.01866	0.00033	13.8547	3.5	9.99121
31784	4.35277	37095	37097	0.57329	0.01861	0.00033	22.67423	3.5	10.9948	31876	4.35368	37179	37180	0.5732	0.01866	0.00033	13.6777	3.5	9.99121
31785	4.37089	37097	37099	0.57329	0.01861	0.00033	22.57437	3.5	10.9958	31877	4.35369	37180	37181	0.5732	0.01866	0.00033	13.5007	3.5	9.99121
31786	4.35279	37099	37101	0.57329	0.01861	0.00033	22.47451	3.5	10.9968	31878	4.35370	37181	37182	0.5732	0.01866	0.00033	13.3237	3.5	9.99121
31787	4.37091	37101	37103	0.57329	0.01861	0.00033	22.37465	3.5	10.9978	31879	4.35371	37182	37183	0.5732	0.01866	0.00033	13.1467	3.5	9.99121
31788	4.35281	37103	37105	0.57329	0.01861	0.00033	22.27479	3.5	10.9988	31880	4.35372	37183	37184	0.5732	0.01866	0.00033	12.9697	3.5	9.99121
31789	4.37093	37105	37107	0.57329	0.01861	0.00033	22.17493	3.5	10.9998	31881	4.35373	37184	37185	0.5732	0.01866	0.00033	12.7927	3.5	9.99121
31790	4.35283	37107	37109	0.57329	0.01861	0.00033	22.07507	3.5	10.9998	31882	4.35374	37185	37186	0.5732	0.01866	0.00033	12.6157	3.5	9.99121
31791	4.37095	37109	37111	0.57329	0.01861	0.00033	21.97521	3.5	10.9998	31883	4.35375	37186	37187	0.5732	0.01866	0.00033	12.4387	3.5	9.99121
31792	4.35285	37111	37113	0.57329	0.01861	0.00033	21.87535	3.5	10.9998	31884	4.35376	37187	37188	0.5732	0.01866	0.00033	12.2617	3.5	9.99121
31793	4.37097	37113	37115	0.57329	0.01861	0.00033	21.77549	3.5	10.9998	31885	4.35377	37188	37189	0.5732	0.01866	0.00033	12.0847	3.5	9.99121
31794	4.35287	37115	37117	0.57329	0.01861	0.00033	21.67563	3.5	10.9998	31886	4.35378	37189	37190	0.5732	0.01866	0.00033	11.9077	3.5	9.99121
31795	4.37099	37117	37119	0.57329	0.01861	0.00033	21.57577	3.5	10.9998	31887	4.35379	37190	37191	0.5732	0.01866	0.00033	11.7307	3.5	9.99121
31796	4.35289	37119	37121	0.57329	0.01861	0.00033	21.47591	3.5	10.9998	31888	4.35380	37191	37192	0.5732	0.01866	0.00033	11.5537	3.5	9.99121
31797	4.37101	37121	37123	0.57329	0.01861	0.00033	21.37605	3.5	10.9998	31889	4.35381	37192	37193	0.5732	0.01866	0.00033	11.3767	3.5	9.99121
31798	4.35291	37123	37125	0.57329	0.01861	0.00033	21.27619	3.5	10.9998	31890	4.35382	37193	37194	0.5732	0.01866	0.00033	11.1997	3.5	9.99121
31799	4.37103	37125	37127	0.57329	0.01861	0.00033	21.17633	3.5	10.9998	31891	4.35383	37194	37195	0.5732	0.01866	0.00033	11.0227	3.5	9.99121
31800	4.35293	37127	37129	0.57329	0.01861	0.00033	21.07647	3.5	10.9998	31892	4.35384	37195	37196	0.5732	0.01866	0.00033	10.8457	3.5	9.99121
31801	4.37105	37129	37131	0.57329	0.01861	0.00033	20.97661	3.5	10.9998	31893	4.35385	37196	37197	0.5732	0.01866	0.00033	10.6687	3.5	9.99121
31802	4.35295	37131	37133	0.57329	0.01861	0.00033	20.87675	3.5	10.9998	31894	4.35386	37197	37198	0.5732	0.01866	0.00033	10.4917	3.5	9.99121
31803	4.37107	37133	37135	0.57329	0.01861	0.00033	20.77689	3.5	10.9998	31895	4.35387	37198	37199	0.5732	0.01866	0.00033	10.3147	3.5	9.99121
31804	4.35297	37135	37137	0.57329	0.01861	0.00033	20.67703	3.5	10.9998	31896	4.35388	37199	37200	0.5732	0.01866	0.00033	10.1377	3.5	9.99121
31805	4.37109	37137	37139	0.57329	0.01861	0.00033	20.57717	3.5	10.9998	31897	4.35389	37200	37201	0.5732	0.01866	0.00033	9.9607	3.5	9.99121
31806	4.35299	37139	37141	0.57329	0.01861	0.00033	20.47731	3.5	10.9998	31898	4.35390	37201	37202	0.5732	0.01866	0.00033	9.7837	3.5	9.99121
31807	4.37111	37141	37143	0.57329	0.01861	0.00033	20.37745	3.5	10.9998	31899	4.35391	37202	37203	0.5732	0.01866	0.00033	9.6067	3.5	9.99121
31808	4.35301	37143	37145	0.57329	0.01861	0.00033	20.27759	3.5	10.9998	31900	4.35392	37203	37204	0.5732	0.01866	0.00033	9.4297	3.5	9.99121
31809	4.37113	37145	37147	0.57329	0.01861	0.00033	20.17773	3.5	10.9998	31901	4.35393	37204	37205	0.5732	0.01866	0.00033	9.2527	3.5	9.99121
31810	4.35303	37147	37149	0.57329	0.01861	0.00033	20.07787	3.5	10.9998	31902	4.35394	37205	37206	0.5732	0.01866	0.00033	9.0757	3.5	9.99121
31811	4.37115	37149	37151	0.57329	0.01861	0.00033	19.97801	3.5	10.9998	31903	4.35395	37206	37207	0.5732	0.01866	0.00033	8.8987	3.5	9.99121
31812	4.35305	37151	37153	0.57329	0.01861	0.00033	19.87815	3.5	10.9998	31904	4.35396	37207	37208	0.5732	0.01866	0.00033	8.7217	3.5	9.99121
31813	4.37117	37153	37155	0.57329	0.01861	0.00033	19.77829	3.5	10.9998	31905	4.35397	37208	37209	0.5732	0.01866	0.00033	8.5447	3.5	9.99121
31814	4.35307	37155	37157	0.57329	0.01861	0.00033	19.67843	3.5	10.9998	31906	4.35398	37209	37210	0.5732	0.01866	0.00033	8.3677	3.5	9.99121
31815	4.37119	37157	37159	0.57329	0.01861	0.00033	19.57857	3.5	10.9998	31907	4.35399	37210	37211	0.5732	0.01866	0.00033	8.1907	3.5	9.99121
31816	4.35309	37159	37161	0.57329	0.01861	0.00033	19.47871	3.5	10.9998	31908	4.35400	37211	37212	0.5732	0.01866	0.00033	8.0137	3.5	

32352	4.37655	37667	37668	37666	0.537429	0.018871	0.000844	20.30088	3.8	8.69793	4.37755	37756	37758	37757	0.53642	0.018821	0.000861	28.21281	3.5	8.27718	4.37855	37856	37858	37857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.37955	37956	37958	37957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38055	38056	38058	38057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38155	38156	38158	38157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38255	38256	38258	38257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38355	38356	38358	38357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38455	38456	38458	38457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38555	38556	38558	38557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38655	38656	38658	38657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38755	38756	38758	38757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38855	38856	38858	38857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.38955	38956	38958	38957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39055	39056	39058	39057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39155	39156	39158	39157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39255	39256	39258	39257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39355	39356	39358	39357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39455	39456	39458	39457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39555	39556	39558	39557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39655	39656	39658	39657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39755	39756	39758	39757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39855	39856	39858	39857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.39955	39956	39958	39957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40055	40056	40058	40057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40155	40156	40158	40157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40255	40256	40258	40257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40355	40356	40358	40357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40455	40456	40458	40457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40555	40556	40558	40557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40655	40656	40658	40657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40755	40756	40758	40757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40855	40856	40858	40857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.40955	40956	40958	40957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41055	41056	41058	41057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41155	41156	41158	41157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41255	41256	41258	41257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41355	41356	41358	41357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41455	41456	41458	41457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41555	41556	41558	41557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41655	41656	41658	41657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41755	41756	41758	41757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41855	41856	41858	41857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.41955	41956	41958	41957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42055	42056	42058	42057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42155	42156	42158	42157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42255	42256	42258	42257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42355	42356	42358	42357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42455	42456	42458	42457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42555	42556	42558	42557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42655	42656	42658	42657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42755	42756	42758	42757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42855	42856	42858	42857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.42955	42956	42958	42957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43055	43056	43058	43057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43155	43156	43158	43157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43255	43256	43258	43257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43355	43356	43358	43357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43455	43456	43458	43457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43555	43556	43558	43557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43655	43656	43658	43657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43755	43756	43758	43757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43855	43856	43858	43857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.43955	43956	43958	43957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44055	44056	44058	44057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44155	44156	44158	44157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44255	44256	44258	44257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44355	44356	44358	44357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44455	44456	44458	44457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44555	44556	44558	44557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44655	44656	44658	44657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44755	44756	44758	44757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44855	44856	44858	44857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.44955	44956	44958	44957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45055	45056	45058	45057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45155	45156	45158	45157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45255	45256	45258	45257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45355	45356	45358	45357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45455	45456	45458	45457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45555	45556	45558	45557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45655	45656	45658	45657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45755	45756	45758	45757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45855	45856	45858	45857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.45955	45956	45958	45957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46055	46056	46058	46057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46155	46156	46158	46157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46255	46256	46258	46257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46355	46356	46358	46357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46455	46456	46458	46457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46555	46556	46558	46557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46655	46656	46658	46657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46755	46756	46758	46757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46855	46856	46858	46857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.46955	46956	46958	46957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47055	47056	47058	47057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47155	47156	47158	47157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47255	47256	47258	47257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47355	47356	47358	47357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47455	47456	47458	47457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47555	47556	47558	47557	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47655	47656	47658	47657	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47755	47756	47758	47757	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47855	47856	47858	47857	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.47955	47956	47958	47957	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.48055	48056	48058	48057	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.48155	48156	48158	48157	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.48255	48256	48258	48257	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.48355	48356	48358	48357	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.48455	48456	48458	48457	0.53642	0.018821	0.000861	28.21281	3.5	8.26682	4.48555	48556	48558	48557	0.53642</
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[illegible]

33157	4 38435	38401	38402	38436	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33158	4 38436	38402	38403	38437	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33159	4 38437	38403	38404	38438	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33160	4 38438	38404	38405	38439	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33161	4 38439	38405	38406	38440	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33162	4 38440	38406	38407	38441	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33163	4 38441	38407	38408	38442	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33164	4 38442	38408	38409	38443	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33165	4 38443	38409	38410	38444	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33166	4 38444	38410	38411	38445	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33167	4 38445	38411	38412	38446	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33168	4 38446	38412	38413	38447	0.566632	0.017832	0.000882	29.82272	3.5	8.71353	32.8228	3.6	9.56532
33169	4 38447	38413	38414	38448	0.570111	0.018506	0.000925	29.82272	3.5	10.54419	32.8228	3.8	9.09483
33170	4 38448	38414	38415	38449	0.566632	0.017832	0.000882	29.82272	3.5	8.71353	32.8228	3.6	9.56532
33171	4 38449	38415	38416	38450	0.566632	0.017832	0.000882	29.82272	3.5	8.71353	32.8228	3.6	9.56532
33172	4 38450	38416	38417	38451	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33173	4 38451	38417	38418	38452	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33174	4 38452	38418	38419	38453	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33175	4 38453	38419	38420	38454	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33176	4 38454	38420	38421	38455	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33177	4 38455	38421	38422	38456	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33178	4 38456	38422	38423	38457	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33179	4 38457	38423	38424	38458	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33180	4 38458	38424	38425	38459	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33181	4 38459	38425	38426	38460	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33182	4 38460	38426	38427	38461	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33183	4 38461	38427	38428	38462	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33184	4 38462	38428	38429	38463	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33185	4 38463	38429	38430	38464	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33186	4 38464	38430	38431	38465	0.570111	0.018506	0.000925	29.82272	3.8	10.54419	32.8228	3.8	9.09483
33187	4 38465	38431	38432	38466	0.566632	0.017832	0.000882	29.82272	3.8	8.71353	32.8228	3.6	9.56532
33188	4 38466	38432	38433	38467	0.566632	0.017832	0.000882	29.82272	3.8	8.71353	32.8228	3.6	9.56532
33189	4 38467	38433	38434	38468	0.400989	0.010048	0.000542	29.82272	3.6	11.37252	32.8228	3.6	9.64375
33190	4 38468	38434	38435	38469	0.400989	0.010048	0.000542	29.82272	3.6	11.37252	32.8228	3.6	9.64375
33191	4 38469	38435	38436	38470	0.400989	0.010048	0.000542	29.82272	3.6	11.37252	32.8228	3.6	9.64375
33192	4 38470	38436	38437	38471	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33193	4 38471	38437	38438	38472	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33194	4 38472	38438	38439	38473	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33195	4 38473	38439	38440	38474	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33196	4 38474	38440	38441	38475	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33197	4 38475	38441	38442	38476	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33198	4 38476	38442	38443	38477	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33199	4 38477	38443	38444	38478	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33200	4 38478	38444	38445	38479	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33201	4 38479	38445	38446	38480	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33202	4 38480	38446	38447	38481	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33203	4 38481	38447	38448	38482	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33204	4 38482	38448	38449	38483	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33205	4 38483	38449	38450	38484	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33206	4 38484	38450	38451	38485	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33207	4 38485	38451	38452	38486	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33208	4 38486	38452	38453	38487	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33209	4 38487	38453	38454	38488	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33210	4 38488	38454	38455	38489	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33211	4 38489	38455	38456	38490	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33212	4 38490	38456	38457	38491	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33213	4 38491	38457	38458	38492	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33214	4 38492	38458	38459	38493	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33215	4 38493	38459	38460	38494	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33216	4 38494	38460	38461	38495	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33217	4 38495	38461	38462	38496	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33218	4 38496	38462	38463	38497	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33219	4 38497	38463	38464	38498	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33220	4 38498	38464	38465	38499	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33221	4 38499	38465	38466	38500	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33222	4 38500	38466	38467	38501	0.566632	0.017832	0.000882	29.82272	3.6	8.71353	32.8228	3.6	9.56532
33223	4 38501	38467	38468	38502	0.566632	0.017832	0.000882	29.82272	3.6	8.71353	32.8228	3.6	9.56532
33224	4 38502	38468	38469	38503	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33225	4 38503	38469	38470	38504	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33226	4 38504	38470	38471	38505	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33227	4 38505	38471	38472	38506	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33228	4 38506	38472	38473	38507	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33229	4 38507	38473	38474	38508	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33230	4 38508	38474	38475	38509	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33231	4 38509	38475	38476	38510	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33232	4 38510	38476	38477	38511	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09483
33233	4 38511	38477	38478	38512	0.570111	0.018506	0.000925	29.82272	3.6	10.54419	32.8228	3.8	9.09

33367	4.32385	3.8674	3.8625	0.581273	0.019064	0.000933	38.82288	3.7	9.39114	33457	4.38688	3.8718	3.8719	3.8680	0.575749	0.019787	0.000939	41.82288	3.8	8.95648
33368	4.32388	3.8675	3.8626	0.581273	0.019064	0.000933	38.82288	3.7	9.39087	33458	4.38689	3.8719	3.8720	3.8680	0.575538	0.017789	0.000888	41.82288	3.8	8.74280
33369	4.32391	3.8676	3.8627	0.581273	0.019064	0.000933	38.82288	3.7	9.00887	33459	4.38690	3.8720	3.8721	3.8681	0.55538	0.017789	0.000888	41.82288	3.8	8.565
33370	4.31944	3.8627	3.8628	0.55533	0.017786	0.000888	38.82288	3.7	8.82572	33460	4.38691	3.8721	3.8722	3.8682	0.55538	0.017786	0.000888	41.82288	3.8	8.38731
33371	4.32510	3.8628	3.8629	0.55533	0.017786	0.000888	38.82288	3.7	8.47039	33461	4.38692	3.8722	3.8723	3.8683	0.400869	0.017048	0.00082	44.82288	3.8	7.90862
33372	4.32510	3.8629	3.8630	0.400869	0.017048	0.00082	38.82288	3.7	8.10742	33462	4.38693	3.8723	3.8724	3.8684	0.325491	0.006275	0.000314	44.82288	3.7	7.68141
33373	4.34277	3.8629	3.8630	0.400869	0.017048	0.00082	38.82288	3.5	10.07427	33463	4.38694	3.8724	3.8725	3.8685	0.325491	0.006275	0.000314	44.82288	3.6	7.46454
33374	4.33651	3.8630	3.8631	0.325491	0.006275	0.000314	38.82288	3.6	9.84467	33464	4.38695	3.8725	3.8726	3.8686	0.255457	0.018624	0.000941	44.82288	3.7	7.24682
33375	4.33652	3.8631	3.8632	0.255457	0.018624	0.000941	38.82288	3.6	8.83277	33465	4.38696	3.8726	3.8727	3.8687	0.17945	0.000882	0.00048	47.82288	3.7	6.98377
33376	4.33653	3.8632	3.8633	0.17945	0.000882	0.00048	38.82288	3.6	8.11525	33466	4.38697	3.8727	3.8728	3.8688	0.107945	0.00082	0.00048	47.82288	3.6	7.75643
33377	4.33654	3.8633	3.8634	0.107945	0.00082	0.00048	38.82288	3.6	7.56454	33467	4.38698	3.8728	3.8729	3.8689	0.055457	0.018624	0.000941	44.82288	3.7	7.03049
33378	4.33655	3.8634	3.8635	0.055457	0.018624	0.000941	38.82288	3.7	6.50467	33468	4.38699	3.8729	3.8730	3.8690	0.0325491	0.006275	0.000314	44.82288	3.7	6.27681
33379	4.33656	3.8635	3.8636	0.0325491	0.006275	0.000314	38.82288	3.7	5.91172	33469	4.38700	3.8730	3.8731	3.8691	0.025457	0.018624	0.000941	44.82288	3.7	5.65454
33380	4.33657	3.8636	3.8637	0.025457	0.018624	0.000941	38.82288	3.7	5.10882	33470	4.38701	3.8731	3.8732	3.8692	0.018624	0.000941	0.000889	44.82288	3.7	4.82288
33381	4.33658	3.8637	3.8638	0.018624	0.000941	0.000889	38.82288	3.7	4.482288	33471	4.38702	3.8732	3.8733	3.8693	0.017773	0.000889	0.000889	44.82288	3.7	4.27681
33382	4.33659	3.8638	3.8639	0.017773	0.000889	0.000889	38.82288	3.7	4.09889	33472	4.38703	3.8733	3.8734	3.8694	0.016824	0.000941	0.000941	44.82288	3.7	3.85454
33383	4.33660	3.8639	3.8640	0.016824	0.000941	0.000941	38.82288	3.7	3.69889	33473	4.38704	3.8734	3.8735	3.8695	0.015945	0.001048	0.000941	44.82288	3.7	3.48228
33384	4.33661	3.8640	3.8641	0.015945	0.001048	0.000941	38.82288	3.7	3.29889	33474	4.38705	3.8735	3.8736	3.8696	0.015069	0.001194	0.000941	44.82288	3.7	3.07032
33385	4.33662	3.8641	3.8642	0.015069	0.001194	0.000941	38.82288	3.7	2.89889	33475	4.38706	3.8736	3.8737	3.8697	0.014194	0.001340	0.000941	44.82288	3.7	2.66228
33386	4.33663	3.8642	3.8643	0.014194	0.001340	0.000941	38.82288	3.7	2.49889	33476	4.38707	3.8737	3.8738	3.8698	0.013319	0.001486	0.000941	44.82288	3.7	2.24682
33387	4.33664	3.8643	3.8644	0.013319	0.001486	0.000941	38.82288	3.7	2.09889	33477	4.38708	3.8738	3.8739	3.8699	0.012444	0.001632	0.000941	44.82288	3.7	1.83228
33388	4.33665	3.8644	3.8645	0.012444	0.001632	0.000941	38.82288	3.7	1.69889	33478	4.38709	3.8739	3.8740	3.8700	0.011569	0.001778	0.000941	44.82288	3.7	1.41682
33389	4.33666	3.8645	3.8646	0.011569	0.001778	0.000941	38.82288	3.7	1.29889	33479	4.38710	3.8740	3.8741	3.8701	0.010694	0.001924	0.000941	44.82288	3.7	1.03228
33390	4.33667	3.8646	3.8647	0.010694	0.001924	0.000941	38.82288	3.7	0.89889	33480	4.38711	3.8741	3.8742	3.8702	0.009819	0.002070	0.000941	44.82288	3.7	0.74682
33391	4.33668	3.8647	3.8648	0.009819	0.002070	0.000941	38.82288	3.7	0.49889	33481	4.38712	3.8742	3.8743	3.8703	0.008944	0.002216	0.000941	44.82288	3.7	0.49889
33392	4.33669	3.8648	3.8649	0.008944	0.002216	0.000941	38.82288	3.7	0.09889	33482	4.38713	3.8743	3.8744	3.8704	0.008069	0.002362	0.000941	44.82288	3.7	0.09889
33393	4.33670	3.8649	3.8650	0.008069	0.002362	0.000941	38.82288	3.7	0.00889	33483	4.38714	3.8744	3.8745	3.8705	0.007194	0.002508	0.000941	44.82288	3.7	0.00889
33394	4.33671	3.8650	3.8651	0.007194	0.002508	0.000941	38.82288	3.7	0.00089	33484	4.38715	3.8745	3.8746	3.8706	0.006319	0.002654	0.000941	44.82288	3.7	0.00089
33395	4.33672	3.8651	3.8652	0.006319	0.002654	0.000941	38.82288	3.7	0.00009	33485	4.38716	3.8746	3.8747	3.8707	0.005444	0.002800	0.000941	44.82288	3.7	0.00009
33396	4.33673	3.8652	3.8653	0.005444	0.002800	0.000941	38.82288	3.7	0.00000	33486	4.38717	3.8747	3.8748	3.8708	0.004569	0.002946	0.000941	44.82288	3.7	0.00000
33397	4.33674	3.8653	3.8654	0.004569	0.002946	0.000941	38.82288	3.7	0.00000	33487	4.38718	3.8748	3.8749	3.8709	0.003694	0.003092	0.000941	44.82288	3.7	0.00000
33398	4.33675	3.8654	3.8655	0.003694	0.003092	0.000941	38.82288	3.7	0.00000	33488	4.38719	3.8749	3.8750	3.8710	0.002819	0.003238	0.000941	44.82288	3.7	0.00000
33399	4.33676	3.8655	3.8656	0.002819	0.003238	0.000941	38.82288	3.7	0.00000	33489	4.38720	3.8750	3.8751	3.8711	0.001944	0.003384	0.000941	44.82288	3.7	0.00000
33400	4.33677	3.8656	3.8657	0.001944	0.003384	0.000941	38.82288	3.7	0.00000	33490	4.38721	3.8751	3.8752	3.8712	0.001069	0.003530	0.000941	44.82288	3.7	0.00000
33401	4.33678	3.8657	3.8658	0.001069	0.003530	0.000941	38.82288	3.7	0.00000	33491	4.38722	3.8752	3.8753	3.8713	0.000194	0.003676	0.000941	44.82288	3.7	0.00000
33402	4.33679	3.8658	3.8659	0.000194	0.003676	0.000941	38.82288	3.7	0.00000	33492	4.38723	3.8753	3.8754	3.8714	0.00000	0.003822	0.000941	44.82288	3.7	0.00000
33403	4.33680	3.8659	3.8660	0.00000	0.003822	0.000941	38.82288	3.7	0.00000	33493	4.38724	3.8754	3.8755	3.8715	0.00000	0.003968	0.000941	44.82288	3.7	0.00000
33404	4.33681	3.8660	3.8661	0.00000	0.004014	0.000941	38.82288	3.7	0.00000	33494	4.38725	3.8755	3.8756	3.8716	0.00000	0.004114	0.000941	44.82288	3.7	0.00000
33405	4.33682	3.8661	3.8662	0.00000	0.004200	0.000941	38.82288	3.7	0.00000	33495	4.38726	3.8756	3.8757	3.8717	0.00000	0.004260	0.000941	44.82288	3.7	0.00000
33406	4.33683	3.8662	3.8663	0.00000	0.004386	0.000941	38.82288	3.7	0.00000	33496	4.38727	3.8757	3.8758	3.8718	0.00000	0.004406	0.000941	44.82288	3.7	0.00000
33407	4.33684	3.8663	3.8664	0.00000	0.004572	0.000941	38.82288	3.7	0.00000	33497	4.38728	3.8758	3.8759	3.8719	0.00000	0.004552	0.000941	44.82288	3.7	0.00000
33408	4.33685	3.8664	3.8665	0.00000	0.004758	0.000941	38.82288	3.7	0.00000	33498	4.38729	3.8759	3.8760	3.8720	0.00000	0.004698	0.000941	44.82288	3.7	0.00000
33409	4.33686	3.8665	3.8666	0.00000	0.004944	0.000941	38.82288	3.7	0.00000	33499	4.38730	3.8760	3.8761	3.8721	0.00000	0.004844	0.000941	44.82288	3.7	0.00000
33410	4.33687	3.8666	3.8667	0.00000	0.005130	0.000941	38.82288	3.7	0.00000	33500	4.38731	3.8761	3.8762	3.8722	0.00000	0.004990	0.000941	44.82288	3.7	0.00000
33411	4.33688	3.8667	3.8668	0.00000	0.005316	0.000941	38.82288	3.7	0.00000	33501	4.38732	3.8762	3.8763	3.8723	0.00000	0.005136	0.000941	44.82288	3.7	0.00000
33412	4.33689	3.8668	3.8669	0.00000	0.005502	0.000941	38.82288	3.7	0.00000	33502	4.38733	3.8763	3.8764	3.8724	0.00000	0.005282	0.000941	44.82288	3.7	0.00000
33413	4.33690	3.8669	3.8670	0.00000	0.005688	0.000941	38.82288	3.7	0.00000	33503	4.38734	3.8764	3.8765	3.8725	0.00000	0.005428	0.000941	44.82288	3.7	0.00000
33414	4.33691	3.8670	3.8671	0.00000	0.005874	0.000941	38.82288	3.7	0.00000	33504	4.38735	3.8765	3.8766	3.8726	0.00000	0.005574	0.000941	44.82288	3.7	0.00000
33415	4.33692	3.8671	3.8672	0.00000	0.006060	0.000941	38.82288	3.7	0.00000	33505	4.38736	3.8766	3.8767	3.8727	0.00000	0.005720	0.000941	44.82288	3.7	0.00000
33416	4.33693	3.8672	3.8673	0.00000	0.006246	0.000941	38.82288	3.7	0.00000	33506	4.38737	3.8767	3.8768	3.8728	0.00000	0.005866	0.000941	44.82288	3.7	0.00000

91	82	83	No	0.5	54.59465	4.35952	-7.10738	3.15	11454	34472	No	3.57946	32.17398	1.825	8.28784
92	83	84	No	0.5	54.59465	4.35952	-7.00738	490	161	2671	No	5.71075	5.71075	-1.54878	2.84282
93	84	85	No	0.5	54.59465	4.35952	-8.00738	500	2671	2672	No	5.71075	-1.54878	2.34362	1.84482
94	85	86	No	0.5	54.59465	4.35952	-8.60738	501	2672	2673	No	5.71075	-1.54878	1.54878	0.84482
95	86	87	No	0.5	54.59465	4.35952	-9.00738	502	2673	2674	No	5.71075	-1.54878	0.34482	0.84482
96	87	88	No	0.5	54.59465	4.35952	-9.60738	503	2674	2675	No	5.71075	-1.54878	0.15738	0.15738
97	88	89	No	0.5	54.59465	4.35952	-10.00738	504	2675	2676	No	5.71075	-1.54878	0.15738	0.15738
98	89	90	No	0.5	54.59465	4.35952	-10.60738	505	2676	2677	No	5.71075	-1.54878	0.60738	0.60738
99	90	91	No	0.5	57.13465	-1.54878	-6.00738	506	2677	2678	No	5.71075	-1.54878	1.15738	1.15738
100	91	92	No	0.5	57.13465	-1.54878	-7.00738	507	2678	2679	No	5.71075	-1.54878	1.60738	1.60738
101	92	93	No	0.5	57.13465	-1.54878	-8.00738	508	2679	2680	No	5.71075	-1.54878	2.10738	2.10738
102	93	94	No	0.5	57.13465	-1.54878	-9.00738	509	2680	2681	No	5.71075	-1.54878	2.60738	2.60738
103	94	95	No	0.5	57.13465	-1.54878	-10.00738	510	2681	2682	No	5.71075	-1.54878	3.10738	3.10738
104	95	96	No	0.5	57.13465	-1.54878	-10.60738	511	2682	2683	No	5.71075	-1.54878	3.60738	3.60738
105	96	97	No	0.5	57.13465	-1.54878	-11.00738	512	2683	2684	No	5.71075	-1.54878	4.10738	4.10738
106	97	98	No	0.5	57.13465	-1.54878	-11.60738	513	2684	2685	No	5.71075	-1.54878	4.60738	4.60738
107	98	99	No	0.5	57.13465	-1.54878	-12.00738	514	2685	2686	No	5.71075	-1.54878	5.10738	5.10738
108	99	100	No	0.5	57.13465	-1.54878	-12.60738	515	2686	2687	No	5.71075	-1.54878	5.60738	5.60738
109	100	101	No	0.5	57.13465	-1.54878	-13.00738	516	2687	2688	No	5.71075	-1.54878	6.10738	6.10738
110	101	102	No	0.5	57.13465	-1.54878	-13.60738	517	2688	2689	No	5.71075	-1.54878	6.60738	6.60738
111	102	103	No	0.5	57.13465	-1.54878	-14.00738	518	2689	162	No	5.71075	-1.54878	7.10738	7.10738
112	103	104	No	0.5	57.13465	-1.54878	-14.60738	519	163	2690	No	5.71075	-1.54878	7.60738	7.60738
113	104	105	No	0.5	57.13465	-1.54878	-15.00738	520	2690	2691	No	5.71075	-1.54878	8.10738	8.10738
114	105	106	No	0.5	57.13465	-1.54878	-15.60738	521	2691	2692	No	5.71075	-1.54878	8.60738	8.60738
115	106	107	No	0.5	57.13465	-1.54878	-16.00738	522	2692	2693	No	5.71075	-1.54878	9.10738	9.10738
116	107	108	No	0.5	57.13465	-1.54878	-16.60738	523	2693	2694	No	5.71075	-1.54878	9.60738	9.60738
117	108	109	No	0.5	57.13465	-1.54878	-17.00738	524	2694	2695	No	5.71075	-1.54878	10.10738	10.10738
118	109	110	No	0.5	57.13465	-1.54878	-17.60738	525	2695	2696	No	5.71075	-1.54878	10.60738	10.60738
119	110	111	No	0.5	57.13465	-1.54878	-18.00738	526	2696	2697	No	5.71075	-1.54878	11.10738	11.10738
120	111	112	No	0.5	57.13465	-1.54878	-18.60738	527	2697	2698	No	5.71075	-1.54878	11.60738	11.60738
121	112	113	No	0.5	57.13465	-1.54878	-19.00738	528	2698	2699	No	5.71075	-1.54878	12.10738	12.10738
122	113	114	No	0.5	57.13465	-1.54878	-19.60738	529	2699	2700	No	5.71075	-1.54878	12.60738	12.60738
123	114	115	No	0.5	57.13465	-1.54878	-20.00738	530	2700	2701	No	5.71075	-1.54878	13.10738	13.10738
124	115	116	No	0.5	57.13465	-1.54878	-20.60738	531	2701	2702	No	5.71075	-1.54878	13.60738	13.60738
125	116	117	No	0.5	57.13465	-1.54878	-21.00738	532	2702	2703	No	5.71075	-1.54878	14.10738	14.10738
126	117	118	No	0.5	57.13465	-1.54878	-21.60738	533	2703	2704	No	5.71075	-1.54878	14.60738	14.60738
127	118	119	No	0.5	57.13465	-1.54878	-22.00738	534	2704	2705	No	5.71075	-1.54878	15.10738	15.10738
128	119	120	No	0.5	57.13465	-1.54878	-22.60738	535	2705	2706	No	5.71075	-1.54878	15.60738	15.60738
129	120	121	No	0.5	57.13465	-1.54878	-23.00738	536	2706	2707	No	5.71075	-1.54878	16.10738	16.10738
130	121	122	No	0.2	6.97272	-0.1	3.09362	537	2707	2708	No	5.71075	-1.54878	16.60738	16.60738
131	122	123	No	0.70276	6.97272	0.35138	3.09362	538	2708	164	No	5.71075	-1.54878	17.10738	17.10738
132	123	124	No	0.70276	6.97272	1.05414	3.09362	539	165	2709	No	5.71075	-1.54878	17.60738	17.60738
133	124	125	No	0.86112	6.97272	1.68608	3.09362	540	2710	2710	No	5.71075	-1.54878	18.10738	18.10738
134	125	126	No	0.86112	6.97272	2.2472	3.09362	541	2711	2711	No	5.71075	-1.54878	18.60738	18.60738
135	126	127	No	0.86112	6.97272	2.80832	3.09362	542	2712	2712	No	5.71075	-1.54878	19.10738	19.10738
136	127	128	No	0.86112	6.97272	3.36946	3.09362	543	2713	2713	No	5.71075	-1.54878	19.60738	19.60738
137	128	129	No	0.86112	6.97272	3.93060	3.09362	544	2714	2714	No	5.71075	-1.54878	20.10738	20.10738
138	129	130	No	0.86112	6.97272	4.49174	3.09362	545	2715	2715	No	5.71075	-1.54878	20.60738	20.60738
139	130	131	No	0.42565	6.97272	4.57135	3.09362	546	2716	2716	No	5.71075	-1.54878	21.10738	21.10738
140	131	132	No	0.42565	6.97272	4.997	3.09362	547	2717	2717	No	5.71075	-1.54878	21.60738	21.60738
141	132	133	No	0.2	55.87268	-0.1	4.14262	548	2718	2718	No	5.71075	-1.54878	22.10738	22.10738
142	133	134	No	0.2	55.87268	0.1	4.14262	549	2719	2719	No	5.71075	-1.54878	22.60738	22.60738
143	134	135	No	0.60276	55.87268	0.50138	4.14262	550	2720	2720	No	5.71075	-1.54878	23.10738	23.10738
144	135	136	No	0.60276	55.87268	1.10414	4.14262	551	2721	2721	No	5.71075	-1.54878	23.60738	23.60738
145	136	137	No	0.51112	55.87268	1.66108	4.14262	552	2722	2722	No	5.71075	-1.54878	24.10738	24.10738
146	137	138	No	0.51112	55.87268	2.2122	4.14262	553	2723	2723	No	5.71075	-1.54878	24.60738	24.60738
147	138	139	No	0.51112	55.87268	2.76336	4.14262	554	2724	2724	No	5.71075	-1.54878	25.10738	25.10738
148	139	140	No	0.51112	55.87268	3.31450	4.14262	555	2725	2725	No	5.71075	-1.54878	25.60738	25.60738
149	140	141	No	0.2	55.87268	3.31450	4.14262	556	2726	2726	No	5.71075	-1.54878	26.10738	26.10738
150	141	142	No	0.2	55.87268	3.75	4.14262	557	2727	2727	No	5.71075	-1.54878	26.60738	26.60738
151	142	143	No	0.50852	55.87268	4.10436	4.14262	558	2728	2728	No	5.71075	-1.54878	27.10738	27.10738
152	143	144	No	0.50852	55.87268	4.78417	4.14262	559	167	2728	No	5.71075	-1.54878	27.60738	27.60738
153	144	145	No	0.85131	8.92772	1.825	7.52632	560	2729	2729	No	8.28075	-1.54878	28.10738	28.10738
154	145	146	No	3.25	11.92772	1.825	7.70682	561	2730	2730	No	8.28075	-1.54878	28.60738	28.60738
155	146	147	No	3.25	11.92772	1.825	7.87218	562	2731	2731	No	8.28075	-1.54878	29.10738	29.10738
156	147	148	No	3.25	17.92772	1.825	8.10122	563	2732	2732	No	8.28075	-1.54878	29.60738	29.60738
157	148	149	No	3.25	23.92772	1.825	8.20388	564	2733	2733	No	8.28075	-1.54878	30.10738	30.10738
158	149	150	No	3.25	29.92772	1.825	8.25654	565	2734	2734	No	8.28075	-1.54878	30.60738	30.60738
159	150	151	No	3.25	35.92772	1.825	8.28784	566	2735	2735	No	8.28075	-1.54878	31.10738	31.10738
160	151	161	No	3.25	36.92772	1.825	8.25958	567	2736	2736	No	8.28075	-1.54878	31.60738	31.60738
161	152	162	No	3.25	38.92772	1.825	8.20389	568	2737	2737	No	8.28075	-1.54878	32.10738	32.10738
162	153	163	No	3.25	41.92772	1.825	8.12078	569	2738	2738	No	8.28075	-1.54878	32.60738	32.60738
163	154	164	No	3.25	44.92772	1.825	8.12078	570	2739	2739	No	8.28075	-1.54878	33.10738	33.10738
164	155	165	No	3.25	47.92772	1.825	7.87218	571	2740	2740	No	8.28075	-1.54878	33.60738	33.60738
165	156	166	No	3.25	50.92772	1.825	7.70682	572	2741	2741	No	8.28075	-1.54878	34.10738	34.10738
166	157	167	No	3.25	53.92772	1.825	7.52632	573	2742	2742	No	8.28075	-1.54878	34.60738	34.60738
167	158	168	No	4.42631	40.42268	1.825	7.61682	574	2743	2743	No	8.28075	-1.54878	35.10738	35.10738
168	159	169	No	4.42631	41.42268	1.825	7.61682	575	2744	2744	No	8.28075	-1.54878	35.60738	35.607

591	2758	2759	No	0.5	8.26075	1.40552	3.15738	684	2845	2847	No	0.5	57.13465	-1.54878	1.39392
592	2760	2761	No	0.5	8.26075	1.40552	-3.65738	685	2847	2848	No	0.5	57.13465	-1.54878	0.89392
593	2762	2763	No	0.5	8.26075	1.40552	-4.15738	686	2848	2849	No	0.5	57.13465	-1.54878	0.39392
594	2764	2765	No	0.5	8.26075	1.40552	-4.65738	687	2849	2850	No	0.5	57.13465	-1.54878	-0.10738
595	2766	2767	No	0.5	8.26075	1.40552	-5.15738	688	2850	2851	No	0.5	57.13465	-1.54878	-0.60738
596	2768	2769	No	0.5	8.26075	1.40552	-5.65738	689	2851	2852	No	0.5	57.13465	-1.54878	-1.10738
597	2770	2771	No	0.5	8.26075	1.40552	-6.15738	690	2852	2853	No	0.5	57.13465	-1.54878	-1.60738
598	2772	2773	No	0.5	8.26075	1.40552	-6.65738	691	2853	2854	No	0.5	57.13465	-1.54878	-2.10738
599	2774	2775	No	0.5	8.26075	1.40552	-7.15738	692	2854	2855	No	0.5	57.13465	-1.54878	-2.60738
600	2776	2777	No	0.5	8.26075	1.40552	-7.65738	693	2855	2856	No	0.5	57.13465	-1.54878	-3.10738
601	2778	2779	No	0.5	8.26075	1.40552	-8.15738	694	2856	2857	No	0.5	57.13465	-1.54878	-3.60738
602	2780	2781	No	0.5	8.26075	1.40552	-8.65738	695	2857	2858	No	0.5	57.13465	-1.54878	-4.10738
603	2782	2783	No	0.5	8.26075	1.40552	-9.15738	696	2858	2859	No	0.5	57.13465	-1.54878	-4.60738
604	2784	2785	No	0.5	8.26075	1.40552	-9.65738	697	2859	2860	No	0.5	57.13465	-1.54878	-5.10738
605	2786	2787	No	0.5	8.26075	1.40552	-10.15738	698	2860	2861	No	0.5	57.13465	-1.54878	-5.60738
606	2788	2789	No	0.5	8.26075	1.40552	-10.65738	699	2861	2862	No	0.5	57.13465	-1.54878	-6.10738
607	2790	2791	No	0.5	8.26075	1.40552	-11.15738	700	2862	2863	No	0.5	57.13465	-1.54878	-6.60738
608	2792	2793	No	0.5	8.26075	1.40552	-11.65738	701	2863	2864	No	0.5	57.13465	-1.54878	-7.10738
609	2794	2795	No	0.5	8.26075	1.40552	-12.15738	702	2864	2865	No	0.5	57.13465	-1.54878	-7.60738
610	2796	2797	No	0.5	8.26075	1.40552	-12.65738	703	2865	2866	No	0.5	57.13465	-1.54878	-8.10738
611	2798	2799	No	0.5	8.26075	1.40552	-13.15738	704	2866	2867	No	0.5	57.13465	-1.54878	-8.60738
612	2800	2801	No	0.5	8.26075	1.40552	-13.65738	705	2867	2868	No	0.5	57.13465	-1.54878	-9.10738
613	2802	2803	No	0.5	8.26075	1.40552	-14.15738	706	2868	2869	No	0.5	57.13465	-1.54878	-9.60738
614	2804	2805	No	0.5	8.26075	1.40552	-14.65738	707	2869	2870	No	0.5	57.13465	-1.54878	-10.10738
615	2806	2807	No	0.5	8.26075	1.40552	-15.15738	708	2870	2871	No	0.5	57.13465	-1.54878	-10.60738
616	2808	2809	No	0.5	8.26075	1.40552	-15.65738	709	2871	2872	No	0.5	57.13465	-1.54878	-11.10738
617	2810	2811	No	0.5	8.26075	1.40552	-16.15738	710	2872	2873	No	0.5	57.13465	-1.54878	-11.60738
618	2812	2813	No	0.5	8.26075	1.40552	-16.65738	711	2873	2874	No	0.5	57.13465	-1.54878	-12.10738
619	2814	2815	No	0.5	8.26075	1.40552	-17.15738	712	2874	2875	No	0.5	57.13465	-1.54878	-12.60738
620	2816	2817	No	0.5	8.26075	1.40552	-17.65738	713	2875	2876	No	0.5	57.13465	-1.54878	-13.10738
621	2818	2819	No	0.5	8.26075	1.40552	-18.15738	714	2876	2877	No	0.5	57.13465	-1.54878	-13.60738
622	2820	2821	No	0.5	8.26075	1.40552	-18.65738	715	2877	2878	No	0.5	57.13465	-1.54878	-14.10738
623	2822	2823	No	0.5	8.26075	1.40552	-19.15738	716	2878	2879	No	0.5	57.13465	-1.54878	-14.60738
624	2824	2825	No	0.5	8.26075	1.40552	-19.65738	717	2879	2880	No	0.5	57.13465	-1.54878	-15.10738
625	2826	2827	No	0.5	8.26075	1.40552	-20.15738	718	2880	2881	No	0.5	57.13465	-1.54878	-15.60738
626	2828	2829	No	0.5	8.26075	1.40552	-20.65738	719	2881	2882	No	0.5	57.13465	-1.54878	-16.10738
627	2830	2831	No	0.5	8.26075	1.40552	-21.15738	720	2882	2883	No	0.5	57.13465	-1.54878	-16.60738
628	2832	2833	No	0.5	8.26075	1.40552	-21.65738	721	2883	2884	No	0.5	57.13465	-1.54878	-17.10738
629	2834	2835	No	0.5	8.26075	1.40552	-22.15738	722	2884	2885	No	0.5	57.13465	-1.54878	-17.60738
630	2836	2837	No	0.5	8.26075	1.40552	-22.65738	723	2885	2886	No	0.5	57.13465	-1.54878	-18.10738
631	2838	2839	No	0.5	8.26075	1.40552	-23.15738	724	2886	2887	No	0.5	57.13465	-1.54878	-18.60738
632	2840	2841	No	0.5	8.26075	1.40552	-23.65738	725	2887	2888	No	0.5	57.13465	-1.54878	-19.10738
633	2842	2843	No	0.5	8.26075	1.40552	-24.15738	726	2888	2889	No	0.5	57.13465	-1.54878	-19.60738
634	2844	2845	No	0.5	8.26075	1.40552	-24.65738	727	2889	2890	No	0.5	57.13465	-1.54878	-20.10738
635	2846	2847	No	0.5	8.26075	1.40552	-25.15738	728	2890	2891	No	0.5	57.13465	-1.54878	-20.60738
636	2848	2849	No	0.5	8.26075	1.40552	-25.65738	729	2891	2892	No	0.5	57.13465	-1.54878	-21.10738
637	2850	2851	No	0.5	8.26075	1.40552	-26.15738	730	2892	2893	No	0.5	57.13465	-1.54878	-21.60738
638	2852	2853	No	0.5	8.26075	1.40552	-26.65738	731	2893	2894	No	0.5	57.13465	-1.54878	-22.10738
639	2854	2855	No	0.5	8.26075	1.40552	-27.15738	732	2894	2895	No	0.5	57.13465	-1.54878	-22.60738
640	2856	2857	No	0.5	8.26075	1.40552	-27.65738	733	2895	2896	No	0.5	57.13465	-1.54878	-23.10738
641	2858	2859	No	0.5	8.26075	1.40552	-28.15738	734	2896	2897	No	0.5	57.13465	-1.54878	-23.60738
642	2860	2861	No	0.5	8.26075	1.40552	-28.65738	735	2897	2898	No	0.5	57.13465	-1.54878	-24.10738
643	2862	2863	No	0.5	8.26075	1.40552	-29.15738	736	2898	2899	No	0.5	57.13465	-1.54878	-24.60738
644	2864	2865	No	0.5	8.26075	1.40552	-29.65738	737	2899	2900	No	0.5	57.13465	-1.54878	-25.10738
645	2866	2867	No	0.5	8.26075	1.40552	-30.15738	738	2900	2901	No	0.5	57.13465	-1.54878	-25.60738
646	2868	2869	No	0.5	8.26075	1.40552	-30.65738	739	2901	2902	No	0.5	57.13465	-1.54878	-26.10738
647	2870	2871	No	0.5	8.26075	1.40552	-31.15738	740	2902	2903	No	0.5	57.13465	-1.54878	-26.60738
648	2872	2873	No	0.5	8.26075	1.40552	-31.65738	741	2903	2904	No	0.5	57.13465	-1.54878	-27.10738
649	2874	2875	No	0.5	8.26075	1.40552	-32.15738	742	2904	2905	No	0.5	57.13465	-1.54878	-27.60738
650	2876	2877	No	0.5	8.26075	1.40552	-32.65738	743	2905	2906	No	0.5	57.13465	-1.54878	-28.10738
651	2878	2879	No	0.5	8.26075	1.40552	-33.15738	744	2906	2907	No	0.5	57.13465	-1.54878	-28.60738
652	2880	2881	No	0.5	8.26075	1.40552	-33.65738	745	2907	2908	No	0.5	57.13465	-1.54878	-29.10738
653	2882	2883	No	0.5	8.26075	1.40552	-34.15738	746	2908	2909	No	0.5	57.13465	-1.54878	-29.60738
654	2884	2885	No	0.5	8.26075	1.40552	-34.65738	747	2909	2910	No	0.5	57.13465	-1.54878	-30.10738
655	2886	2887	No	0.5	8.26075	1.40552	-35.15738	748	2910	2911	No	0.5	57.13465	-1.54878	-30.60738
656	2888	2889	No	0.5	8.26075	1.40552	-35.65738	749	2911	2912	No	0.5	57.13465	-1.54878	-31.10738
657	2890	2891	No	0.5	8.26075	1.40552	-36.15738	750	2912	2913	No	0.5	57.13465	-1.54878	-31.60738
658	2892	2893	No	0.5	8.26075	1.40552	-36.65738	751	2913	2914	No	0.5	57.13465	-1.54878	-32.10738
659	2894	2895	No	0.5	8.26075	1.40552	-37.15738	752	2914	2915	No	0.5	57.13465	-1.54878	-32.60738
660	2896	2897	No	0.5	8.26075	1.40552	-37.65738	753	2915	2916	No	0.5	57.13465	-1.54878	-33.10738
661	2898	2899	No	0.5	8.26075	1.40552	-38.15738	754	2916	2917	No	0.5	57.13465	-1.54878	-33.60738
662	2900	2901	No	0.5	8.26075	1.40552	-38.65738	755	2917	2918	No	0.5	57.13465	-1.54878	-34.10738
663	2902	2903	No	0.5	8.26075	1.40552	-39.15738	756	2918	2919	No	0.5	57.13465	-1.54878	-34.60738
664	2904	2905	No	0.5	8.26075	1.40552	-39.65738	757	2919	2920	No	0.5	57.13465	-1.54878	-35.10738
665	2906	2907	No	0.5	8.26075	1.40552	-40.15738	758	2920	2921	No	0.5	57.13465	-1.54878	-35.60738
666	2908	2909	No	0.5	8.26075	1.40552	-40.65738	759	2921	2922	No	0.5	57.13465	-1.54878	-36.10738
667	2910	2911	No	0.5	8.26075	1.40552	-41.15738	760	2922	2923	No	0.5	57.13465	-1.54878	-36.60738
668	2912	2913	No	0.5	8.26075	1.40552	-41.65738	761	2923	2924	No	0.5	57.13465	-1.54878	-37.10738
669	2914	2915	No	0.5	8.26075	1.40552	-42.15738	762	2924	2925	No	0.5	57.13465	-1.54878	-37.607

707	22871	22868	No	0.1854	15.9534	1.994E-15	8.0909	
708	22866	22861	No	0.1854	16.1454	1.971E-15	8.1059	
709	22861	22856	No	0.1854	16.3375	1.948E-15	8.1169	
800	22856	22851	No	0.1854	16.5195	1.928E-15	8.1259	
801	22851	22847	No	0.1854	16.6976	1.903E-15	8.1308	
802	22847	22843	No	0.1879	16.8835	1.781E-15	8.1409	
803	22843	22838	No	0.1879	17.0685	1.758E-15	8.1469	
804	22838	22833	No	0.1879	17.2542	1.735E-15	8.1576	
805	22833	22828	No	0.1879	17.4423	1.712E-15	8.1681	
806	22828	22823	No	0.1879	17.6294	1.689E-15	8.1742	
807	22823	22818	No	0.1879	17.8172	1.672E-15	8.1814	
808	22818	22813	No	0.1879	18.0059	1.655E-15	8.1888	
809	22813	22808	No	0.1879	18.1947	1.638E-15	8.1937	
810	22808	22803	No	0.1879	18.3835	1.621E-15	8.1986	
811	22803	22798	No	0.1879	18.5723	1.604E-15	8.2035	
812	22798	22793	No	0.1879	18.7611	1.587E-15	8.2084	
813	22793	22788	No	0.1879	18.9500	1.570E-15	8.2133	
814	22788	22783	No	0.1879	19.1388	1.553E-15	8.2182	
815	22783	22778	No	0.1879	19.3276	1.536E-15	8.2231	
816	22778	22773	No	0.1879	19.5164	1.519E-15	8.2280	
817	22773	22768	No	0.1879	19.7052	1.502E-15	8.2329	
818	22768	22763	No	0.1879	19.8940	1.485E-15	8.2378	
819	22763	22758	No	0.1879	20.0828	1.468E-15	8.2427	
820	22758	22753	No	0.1879	20.2716	1.451E-15	8.2476	
821	22753	22748	No	0.1879	20.4604	1.434E-15	8.2525	
822	22748	22743	No	0.1879	20.6492	1.417E-15	8.2574	
823	22743	22738	No	0.1879	20.8380	1.400E-15	8.2623	
824	22738	22733	No	0.1879	21.0268	1.383E-15	8.2672	
825	22733	22728	No	0.1879	21.2156	1.366E-15	8.2721	
826	22728	22723	No	0.1879	21.4044	1.349E-15	8.2770	
827	22723	22718	No	0.1879	21.5932	1.332E-15	8.2819	
828	22718	22713	No	0.1879	21.7820	1.315E-15	8.2868	
829	22713	22708	No	0.1879	21.9708	1.298E-15	8.2917	
830	22708	22703	No	0.1879	22.1596	1.281E-15	8.2966	
831	22703	22698	No	0.1879	22.3484	1.264E-15	8.3015	
832	22698	22693	No	0.1879	22.5372	1.247E-15	8.3064	
833	22693	22688	No	0.1879	22.7260	1.230E-15	8.3113	
834	22688	22683	No	0.1879	22.9148	1.213E-15	8.3162	
835	22683	22678	No	0.1879	23.1036	1.196E-15	8.3211	
836	22678	22673	No	0.1879	23.2924	1.179E-15	8.3260	
837	22673	22668	No	0.1879	23.4812	1.162E-15	8.3309	
838	22668	22663	No	0.1879	23.6700	1.145E-15	8.3358	
839	22663	22658	No	0.1879	23.8588	1.128E-15	8.3407	
840	22658	22653	No	0.1879	24.0476	1.111E-15	8.3456	
841	22653	22648	No	0.1879	24.2364	1.094E-15	8.3505	
842	22648	22643	No	0.1879	24.4252	1.077E-15	8.3554	
843	22643	22638	No	0.1879	24.6140	1.060E-15	8.3603	
844	22638	22633	No	0.1879	24.8028	1.043E-15	8.3652	
845	22633	22628	No	0.1879	24.9916	1.026E-15	8.3701	
846	22628	22623	No	0.1879	25.1804	1.009E-15	8.3750	
847	22623	22618	No	0.1879	25.3692	9.92E-16	8.3799	
848	22618	22613	No	0.1879	25.5580	9.75E-16	8.3848	
849	22613	22608	No	0.1879	25.7468	9.58E-16	8.3897	
850	22608	22603	No	0.1879	25.9356	9.41E-16	8.3946	
851	22603	22598	No	0.1879	26.1244	9.24E-16	8.3995	
852	22598	22593	No	0.1879	26.3132	9.07E-16	8.4044	
853	22593	22588	No	0.1879	26.5020	8.90E-16	8.4093	
854	22588	22583	No	0.1879	26.6908	8.73E-16	8.4142	
855	22583	22578	No	0.1879	26.8796	8.56E-16	8.4191	
856	22578	22573	No	0.1879	27.0684	8.39E-16	8.4240	
857	22573	22568	No	0.1879	27.2572	8.22E-16	8.4289	
858	22568	22563	No	0.1879	27.4460	8.05E-16	8.4338	
859	22563	22558	No	0.1879	27.6348	7.88E-16	8.4387	
860	22558	22553	No	0.1879	27.8236	7.71E-16	8.4436	
861	22553	22548	No	0.1879	28.0124	7.54E-16	8.4485	
862	22548	22543	No	0.1879	28.2012	7.37E-16	8.4534	
863	22543	22538	No	0.1879	28.3900	7.20E-16	8.4583	
864	22538	22533	No	0.1879	28.5788	7.03E-16	8.4632	
865	22533	22528	No	0.1879	28.7676	6.86E-16	8.4681	
866	22528	22523	No	0.1879	28.9564	6.69E-16	8.4730	
867	22523	22518	No	0.1879	29.1452	6.52E-16	8.4779	
868	22518	22513	No	0.1879	29.3340	6.35E-16	8.4828	
869	22513	22508	No	0.1879	29.5228	6.18E-16	8.4877	
870	22508	22503	No	0.1879	29.7116	6.01E-16	8.4926	
871	22503	22498	No	0.1879	29.9004	5.84E-16	8.4975	
872	22498	22493	No	0.1879	30.0892	5.67E-16	8.5024	
873	22493	22488	No	0.1879	30.2780	5.50E-16	8.5073	
874	22488	22483	No	0.1879	30.4668	5.33E-16	8.5122	
875	22483	22478	No	0.1879	30.6556	5.16E-16	8.5171	
876	22478	22473	No	0.1879	30.8444	4.99E-16	8.5220	
877	22473	22468	No	0.1879	31.0332	4.82E-16	8.5269	
878	22468	22463	No	0.1879	31.2220	4.65E-16	8.5318	
879	22463	22458	No	0.1879	31.4108	4.48E-16	8.5367	
880	22458	22453	No	0.1879	31.6000	4.31E-16	8.5416	
881	22453	22448	No	0.1879	31.7888	4.14E-16	8.5465	
882	22448	22443	No	0.1879	31.9776	3.97E-16	8.5514	
883	22443	22438	No	0.1879	32.1664	3.80E-16	8.5563	
884	22438	22433	No	0.1879	32.3552	3.63E-16	8.5612	
885	22433	22428	No	0.1879	32.5440	3.46E-16	8.5661	
886	22428	22423	No	0.1879	32.7328	3.29E-16	8.5710	
887	22423	22418	No	0.1879	32.9216	3.12E-16	8.5759	
888	22418	22413	No	0.1879	33.1104	2.95E-16	8.5808	
889	22413	22408	No	0.1879	33.2992	2.78E-16	8.5857	

890	6750	6749	No	0.1833	31.51433	0	8.46796	0
891	6749	6748	No	0.1833	31.69763	0	8.46796	0
892	6748	6747	No	0.1833	31.88094	0	8.46796	0
893	6747	6733	No	0.1833	32.06424	0	8.46796	0
894	6733	6732	No	0.1833	32.25056	0	8.46774	0
895	6732	6731	No	0.1833	32.43929	0	8.4673	0
896	6731	6730	No	0.1833	32.62821	0	8.46695	0
897	6730	6728	No	0.1	32.77268	0	8.46651	0
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900	6759	5392	No	0.15451	33.07268	0	8.46462	0
901	5392	55937	No	0.15451	33.19963	0	8.46365	0
902	5397	55942	No	0.15451	33.35443	0	8.46218	0
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904	5541	55950	No	0.15451	33.83939	0	8.45577	0
905	5561	55955	No	0.19821	34.03799	0	8.45567	0
906	5565	55960	No	0.19821	34.23619	0	8.45376	0
907	5560	55965	No	0.19821	34.43439	0	8.45186	0
908	5565	55970	No	0.19821	34.63259	0	8.44986	0
909	5570	55975	No	0.19821	34.83080	0	8.44805	0
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913	5590	55995	No	0.19821	35.6236	0	8.44043	0
914	5595	56000	No	0.09989	35.7777	0	8.43892	0
915	5596	56005	No	0.09989	35.97269	0	8.4378	0
916	5604	55971	No	0.09989	36.17268	0	8.43635	0
917	5584	55971	No	0.0002	36.37268	0	8.43459	0
918	5581	55970	No	0.0002	36.57268	0	8.43216	0
919	5570	60005	No	0.17204	36.76969	0	8.42904	0
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922	6010	6014	No	0.19123	37.36969	0	8.41966	0
923	6014	6018	No	0.19123	37.56969	0	8.41650	0
924	6018	6022	No	0.19123	37.76969	0	8.41296	0
925	6022	6028	No	0.19123	37.96969	0	8.40983	0
926	6028	6033	No	0.19123	38.16969	0	8.40523	0
927	6033	6038	No	0.19123	38.36969	0	8.40167	0
928	6038	6043	No	0.19123	38.56969	0	8.39811	0
929	6043	6048	No	0.19123	38.76969	0	8.39454	0
930	6048	6053	No	0.19123	38.96969	0	8.39098	0
931	6053	6058	No	0.19123	39.16969	0	8.38742	0
932	6058	6063	No	0.19123	39.36969	0	8.38386	0
933	6063	6068	No	0.19123	39.56969	0	8.38030	0
934	6068	6073	No	0.19123	39.76969	0	8.37674	0
935	6073	6078	No	0.19123	39.96969	0	8.37318	0
936	6078	6083	No	0.19123	40.16969	0	8.36962	0
937	6083	6088	No	0.19123	40.36969	0	8.36606	0
938	6088	6093	No	0.19123	40.56969	0	8.36250	0
939	6093	6098	No	0.19123	40.76969	0	8.35894	0
940	6098	6103	No	0.19123	40.96969	0	8.35538	0
941	6103	6108	No	0.19123	41.16969	0	8.35182	0
942	6108	6113	No	0.19123	41.36969	0	8.34826	0
943	6113	6118	No	0.19123	41.56969	0	8.34470	0
944	6118	6123	No	0.19123	41.76969	0	8.34114	0
945	6123	6128	No	0.19123	41.96969	0	8.33758	0
946	6128	6133	No	0.19123	42.16969	0	8.33402	0
947	6133	6138	No	0.19123	42.36969	0	8.33046	0
948	6138	6143	No	0.19123	42.56969	0	8.32690	0
949	6143	6148	No	0.19123	42.76969	0	8.32334	0
950	6148	6153	No	0.19123	42.96969	0	8.31978	0
951	6153	6158	No	0.19123	43.16969	0	8.31622	0
952	6158	6163	No	0.19123	43.36969	0	8.31266	0
953	6163	6168	No	0.19123	43.56969	0	8.30910	0
954	6168	6173	No	0.19123	43.76969	0	8.30554	0
955	6173	6178	No	0.19123	43.96969	0	8.30198	0
956	6178	6183	No	0.19123	44.16969	0	8.29842	0
957	6183	6188	No	0.19123	44.36969	0	8.29486	0
958	6188	6193	No	0.19123	44.56969	0	8.29130	0
959	6193	6198	No	0.19123	44.76969	0	8.28774	0
960	6198	6203	No	0.19123	44.96969	0	8.28418	0
961	6203	6208	No	0.19123	45.16969	0	8.28062	0
962	6208	6213	No	0.19123	45.36969	0	8.27706	0
963	6213	6218	No	0.19123	45.56969	0	8.27350	0
964	6218	6223	No	0.19123	45.76969	0	8.26994	0
965	6223	6228	No	0.19123	45.96969	0	8.26638	0
966	6228	6233	No	0.19123	46.16969	0	8.26282	0
967	6233	6238	No	0.19123	46.36969	0	8.25926	0
968	6238	6243	No	0.19123	46.56969	0	8.25570	0
969	6243	6248	No	0.19123	46.76969	0	8.25214	0
970	6248	6253	No	0.19123	46.96969	0	8.24858	0
971	6253	6258	No	0.19123	47.16969	0	8.24502	0
972	6258	6263	No	0.19123	47.36969	0	8.24146	0
973	6263	6268	No	0.19123	47.56969	0	8.23790	0
974	6268	6273	No	0.19123	47.76969	0	8.23434	0
975	6273	6278	No	0.19123	47.96969	0	8.23078	0
976	6278	6283	No	0.19123	48.16969	0	8.22722	0
977	6283	6288	No	0.19123	48.36969	0	8.22366	0
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979	6293	6298	No	0.19123	48.76969	0	8.21654	0
980	6298	6303	No	0.19123	48.96969	0	8.21298	0
981	6303	6308	No	0.19123	49.16969	0	8.20942	0
982	6308	6313	No	0.19123	49.36969	0	8.20586	0

983	6232	6237	No	0.1854	47.07435	0	8.09859	1338	35897	35892	No	0.1953	18.80599	3.65	8.22091
984	6237	6242	No	0.1854	47.25947	0	8.08108	1339	35892	35887	No	0.1953	18.00115	3.65	8.22912
985	6242	6247	No	0.1854	47.44467	0	8.07259	1340	35877	35872	No	0.1953	19.19531	3.65	8.23532
986	6247	5932	No	0.1854	47.62986	0	8.0641	1341	35872	35867	No	0.1953	19.39148	3.65	8.24253
987	5932	5931	No	0.10021	47.77253	0	8.05754	1342	35867	35862	No	0.1953	19.58664	3.65	8.24973
988	5931	5930	No	0.10021	47.87263	0	8.05293	1343	35862	35858	No	0.1953	19.7818	3.65	8.25693
989	5930	6949	No	0.18776	48.01643	0	8.04567	1344	35858	35854	No	0.16871	19.96368	3.65	8.26391
990	6949	6950	No	0.18776	48.03576	0	8.03576	1345	35854	35849	No	0.16871	20.13228	3.65	8.26975
991	6950	6951	No	0.18776	48.39143	0	8.02584	1346	35849	35844	No	0.16871	20.30088	3.65	8.27589
992	6951	6952	No	0.18776	48.57693	0	8.01593	1347	35844	35839	No	0.16871	20.46948	3.65	8.28293
993	6952	6953	No	0.18776	48.76843	0	8.00602	1348	35839	35834	No	0.16871	20.63808	3.65	8.28917
994	6953	6954	No	0.18776	48.96143	0	7.99611	1349	35834	35829	No	0.16871	20.80668	3.65	8.29541
995	6954	6955	No	0.18776	49.14443	0	7.98619	1350	35829	35824	No	0.10012	20.97526	3.65	8.30165
996	6955	6956	No	0.18776	49.32893	0	7.97627	1351	35824	35819	No	0.10012	21.14386	3.65	8.30789
997	6956	6957	No	0.18776	49.51643	0	7.96636	1352	35819	35814	No	0.10012	21.31246	3.65	8.31413
998	6957	6958	No	0.18776	49.70393	0	7.95644	1353	35814	35809	No	0.10012	21.48106	3.65	8.32037
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1000	6959	6960	No	0.18776	50.07893	0	7.93662	1355	35804	35799	No	0.10012	21.81826	3.65	8.33285
1001	6960	6961	No	0.18776	50.26643	0	7.92670	1356	35799	35794	No	0.10012	21.98686	3.65	8.33909
1002	6961	6962	No	0.18776	50.45393	0	7.91679	1357	35794	35789	No	0.10012	22.15546	3.65	8.34533
1003	6962	6963	No	0.18776	50.64143	0	7.90687	1358	35789	35784	No	0.10012	22.32406	3.65	8.35157
1004	6963	6964	No	0.18776	50.82893	0	7.89696	1359	35784	35779	No	0.10012	22.49266	3.65	8.35781
1005	6964	6965	No	0.18776	51.01643	0	7.88705	1360	35779	35774	No	0.10012	22.66126	3.65	8.36405
1006	6965	6966	No	0.18776	51.20393	0	7.87714	1361	35774	35769	No	0.10012	22.82986	3.65	8.37029
1007	6966	6967	No	0.18776	51.39143	0	7.86723	1362	35769	35764	No	0.10012	22.99846	3.65	8.37653
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1010	6969	6970	No	0.18776	51.95393	0	7.83750	1365	35754	35749	No	0.10012	23.50426	3.65	8.39525
1011	6970	6971	No	0.18776	52.14143	0	7.82759	1366	35749	35744	No	0.10012	23.67286	3.65	8.39563
1012	6971	6972	No	0.18776	52.32893	0	7.81768	1367	35744	35739	No	0.10012	23.84146	3.65	8.40187
1013	6972	6973	No	0.18776	52.51643	0	7.80777	1368	35739	35734	No	0.10012	24.01006	3.65	8.41236
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1016	6975	6976	No	0.18776	53.07893	0	7.77804	1371	35724	35719	No	0.10012	24.51586	3.65	8.43294
1017	6976	6977	No	0.18776	53.26643	0	7.76813	1372	35719	35714	No	0.10012	24.68446	3.65	8.43980
1018	6977	6978	No	0.18776	53.45393	0	7.75822	1373	35714	35709	No	0.10012	24.85306	3.65	8.44666
1019	6978	6979	No	0.18776	53.64143	0	7.74831	1374	35709	35704	No	0.10012	25.02166	3.65	8.45352
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1026	6985	6986	No	0.18776	54.95393	0	7.67894	1381	35674	35669	No	0.10012	26.20186	3.65	8.50154
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1028	6987	6988	No	0.18776	55.32893	0	7.65912	1383	35664	35659	No	0.10012	26.53906	3.65	8.51526
1029	6988	6989	No	0.18776	55.51643	0	7.64921	1384	35659	35654	No	0.10012	26.70766	3.65	8.52212
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1046	7005	7006	No	0.18776	58.70393	0	7.48074	1401	35574	35569	No	0.10012	29.57386	3.65	8.63874
1047	7006	7007	No	0.18776	58.89143	0	7.47083	1402	35569	35564	No	0.10012	29.74246	3.65	8.64560
1048	7007	7008	No	0.18776	59.07893	0	7.46092	1403	35564	35559	No	0.10012	29.91106	3.65	8.65246
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1050	7009	7010	No	0.18776	59.45393	0	7.44110	1405	35554	35549	No	0.10012	30.24826	3.65	8.66618
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1053	7012	7013	No	0.18776	60.01643	0	7.41137	1408	35539	35534	No	0.10012	30.75406	3.65	8.68676
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1432	3260.4	3260.9	No	0.18621	34.43439	3.65	8.45196
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1449	3268.4	3268.9	No	0.19123	37.72281	3.65	8.41236
1450	3268.9	3269.4	No	0.19123	37.91723	3.65	8.40879
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1457	3272.4	3272.9	No	0.19123	39.27817	3.65	8.38385
1458	3272.9	3273.4	No	0.19123	39.47259	3.65	8.38028
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1474	3280.9	3281.4	No	0.19123	42.58331	3.65	8.32315
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1487	3287.4	3287.9	No	0.19123	45.11077	3.65	8.27674
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1490	3288.9	3289.4	No	0.19123	45.69403	3.65	8.26603
1491	3289.4	3289.9	No	0.19123	45.88845	3.65	8.26246
1492	3289.9	3290.4	No	0.19123	46.08287	3.65	8.25889
1493	3290.4	3290.9	No	0.19123	46.27729	3.65	8.25532
1494	3290.9	3291.4	No	0.19123	46.47171	3.65	8.25175
1495	3291.4	3291.9	No	0.19123	46.66613	3.65	8.24818
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1501	3294.4	3294.9	No	0.19123	47.83265	3.65	8.22676
1502	3294.9	3295.4	No	0.19123	48.02707	3.65	8.22319
1503	3295.4	3295.9	No	0.19123	48.22149	3.65	8.21962
1504	3295.9	3296.4	No	0.19123	48.41591	3.65	8.21605
1505	3296.4	3296.9	No	0.19123	48.61033	3.65	8.21248
1506	3296.9	3297.4	No	0.19123	48.80475	3.65	8.20891
1507	3297.4	3297.9	No	0.19123	49.00000	3.65	8.20534
1508	3297.9	3298.4	No	0.19123	49.19442	3.65	8.20177
1509	3298.4	3298.9	No	0.19123	49.38884	3.65	8.20000
1510	3298.9	3299.4	No	0.19123	49.58326	3.65	8.19643
1511	3299.4	3299.9	No	0.19123	49.77768	3.65	8.19286
1512	3299.9	3300.4	No	0.19123	49.97210	3.65	8.18929
1513	3300.4	3300.9	No	0.19123	50.16652	3.65	8.18572
1514	3300.9	3301.4	No	0.19123	50.36094	3.65	8.18215
1515	3301.4	3301.9	No	0.19123	50.55536	3.65	8.17858
1516	3301.9	3302.4	No	0.19123	50.74978	3.65	8.17501
1517	3302.4	3302.9	No	0.19123	50.94420	3.65	8.17144
1518	3302.9	3303.4	No	0.19123	51.13862	3.65	8.16787
1519	3303.4	3303.9	No	0.19123	51.33304	3.65	8.1643
1520	3303.9	3304.4	No	0.19123	51.52746	3.65	8.16073
1521	3304.4	3304.9	No	0.19123	51.72188	3.65	8.15716
1522	3304.9	3305.4	No	0.19123	51.91630	3.65	8.15359
1523	3305.4	3305.9	No	0.19123	52.11072	3.65	8.15002

1524	3358.1	3358.2	No	0.18776	50.07893	3.65	7.93682
1525	3358.2	3358.3	No	0.18776	50.26443	3.65	7.93267
1526	3358.3	3358.4	No	0.18776	50.45393	3.65	7.91679
1527	3358.4	3358.5	No	0.18776	50.64143	3.65	7.90687
1528	3358.5	3358.6	No	0.18776	50.82893	3.65	7.89806
1529	3358.6	3358.7	No	0.1878	51.01643	3.65	7.8867
1530	3358.7	3358.8	No	0.1878	51.20393	3.65	7.87611
1531	3358.8	3358.9	No	0.1878	51.39143	3.65	7.8651
1532	3358.9	3359.0	No	0.1878	51.57893	3.65	7.85432
1533	3359.0	3359.1	No	0.1878	51.76643	3.65	7.84382
1534	3359.1	3359.2	No	0.1878	51.95393	3.65	7.83324
1535	3359.2	3359.3	No	0.1878	52.14143	3.65	7.82313
1536	3359.3	3359.4	No	0.1878	52.32893	3.65	7.81254
1537	3359.4	3359.5	No	0.1878	52.51643	3.65	7.80194
1538	3359.5	3359.6	No	0.1878	52.70393	3.65	7.79155
1539	3359.6	3359.7	No	0.1878	52.89143	3.65	7.78075
1540	3359.7	3359.8	No	0.1878	53.07893	3.65	7.77016
1541	3359.8	3359.9	No	0.1878	53.26643	3.65	7.75956
1542	3359.9	3360.0	No	0.1878	53.45393	3.65	7.74897
1543	3360.0	3360.1	No	0.1878	53.64143	3.65	7.73837
1544	3360.1	3360.2	No	0.1878	53.82893	3.65	7.72778

[illegible][illegible]

TABLE: Area Loads - Surface Pressure						
Area Number	Length	Width	Area	Pressure	Load	Support
Text	Text	Text	Text	KN/m2	Text	Text
312	DL	Bottom	1	None		
313	DL	Bottom	1	None		
314	DL	Bottom	1	None		
315	DL	Bottom	1	None		
316	DL	Bottom	1	None		
317	DL	Bottom	1	None		
318	DL	Bottom	1	None		
319	DL	Bottom	1	None		
320	DL	Bottom	1	None		
321	DL	Bottom	1	None		
322	DL	Bottom	1	None		
323	DL	Bottom	1	None		
324	DL	Bottom	1	None		
325	DL	Bottom	1	None		
326	DL	Bottom	1	None		
327	DL	Bottom	1	None		
328	DL	Bottom	1	None		
329	DL	Bottom	1	None		
330	DL	Bottom	1	None		
331	DL	Bottom	1	None		
332	DL	Bottom	1	None		
333	DL	Bottom	1	None		
334	DL	Bottom	1	None		
335	DL	Bottom	1	None		
336	DL	Bottom	1	None		
337	DL	Bottom	1	None		
338	DL	Bottom	1	None		
339	DL	Bottom	1	None		
340	DL	Bottom	1	None		
341	DL	Bottom	1	None		
342	DL	Bottom	1	None		
343	DL	Bottom	1	None		
344	DL	Bottom	1	None		
345	DL	Bottom	1	None		
346	DL	Bottom	1	None		
347	DL	Bottom	1	None		
348	DL	Bottom	1	None		
349	DL	Bottom	1	None		
350	DL	Bottom	1	None		
351	DL	Bottom	1	None		
352	DL	Bottom	1	None		
353	DL	Bottom	1	None		
354	DL	Bottom	1	None		
355	DL	Bottom	1	None		
356	DL	Bottom	1	None		
357	DL	Bottom	1	None		
358	DL	Bottom	1	None		
359	DL	Bottom	1	None		
360	DL	Bottom	1	None		
361	DL	Bottom	1	None		
362	DL	Bottom	1	None		
363	DL	Bottom	1	None		
364	DL	Bottom	1	None		
365	DL	Bottom	1	None		
366	DL	Bottom	1	None		
367	DL	Bottom	1	None		
368	DL	Bottom	1	None		
369	DL	Bottom	1	None		
370	DL	Bottom	1	None		
371	DL	Bottom	1	None		
372	DL	Bottom	1	None		
373	DL	Bottom	1	None		
374	DL	Bottom	1	None		
375	DL	Bottom	1	None		
376	DL	Bottom	1	None		
377	DL	Bottom	1	None		
378	DL	Bottom	1	None		
379	DL	Bottom	1	None		
380	DL	Bottom	1	None		
381	DL	Bottom	1	None		
382	DL	Bottom	1	None		
383	DL	Bottom	1	None		
384	DL	Bottom	1	None		
385	DL	Bottom	1	None		
386	DL	Bottom	1	None		
387	DL	Bottom	1	None		
388	DL	Bottom	1	None		
389	DL	Bottom	1	None		
390	DL	Bottom	1	None		
391	DL	Bottom	1	None		
392	DL	Bottom	1	None		
393	DL	Bottom	1	None		
394	DL	Bottom	1	None		
395	DL	Bottom	1	None		
396	DL	Bottom	1	None		
397	DL	Bottom	1	None		
398	DL	Bottom	1	None		
399	DL	Bottom	1	None		
400	DL	Bottom	1	None		
401	DL	Bottom	1	None		

402

DL

Bottom

1

None

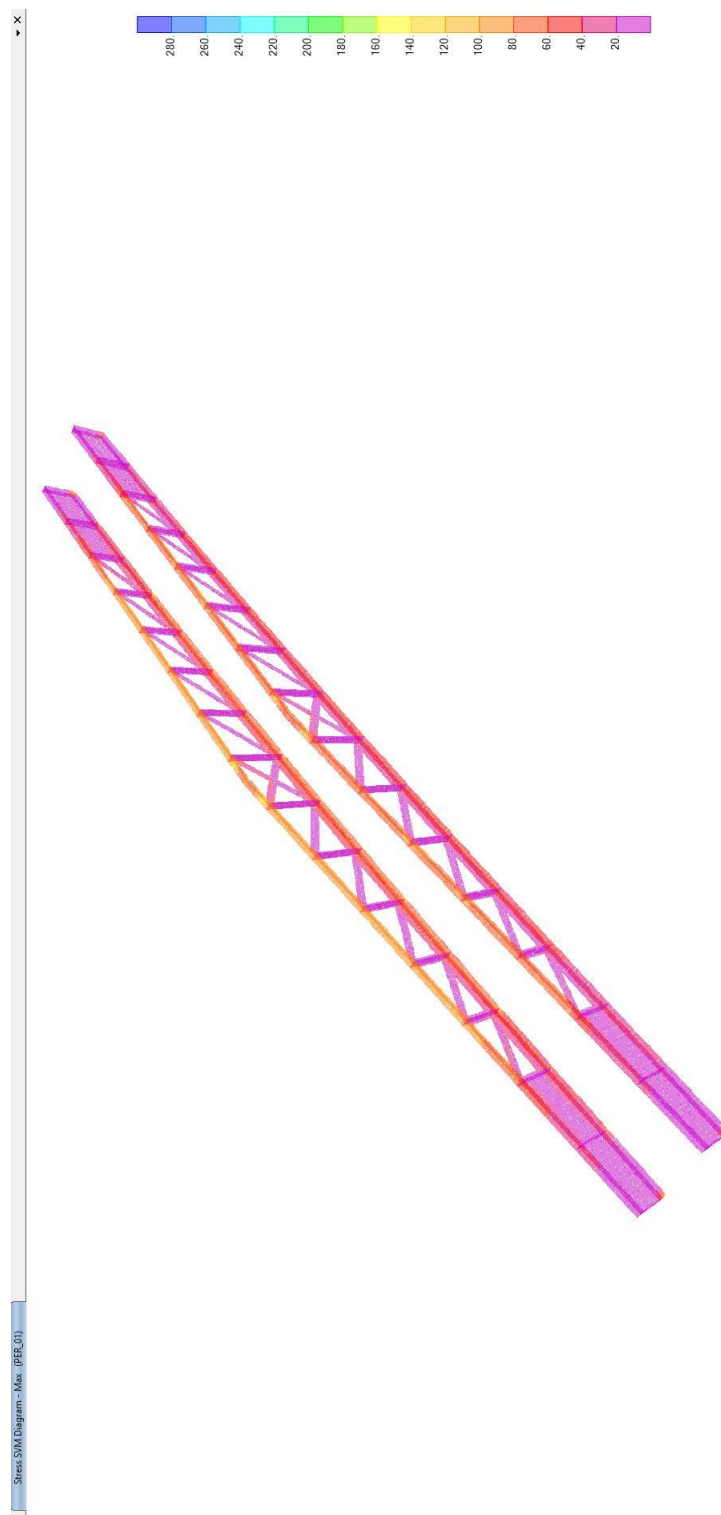
403

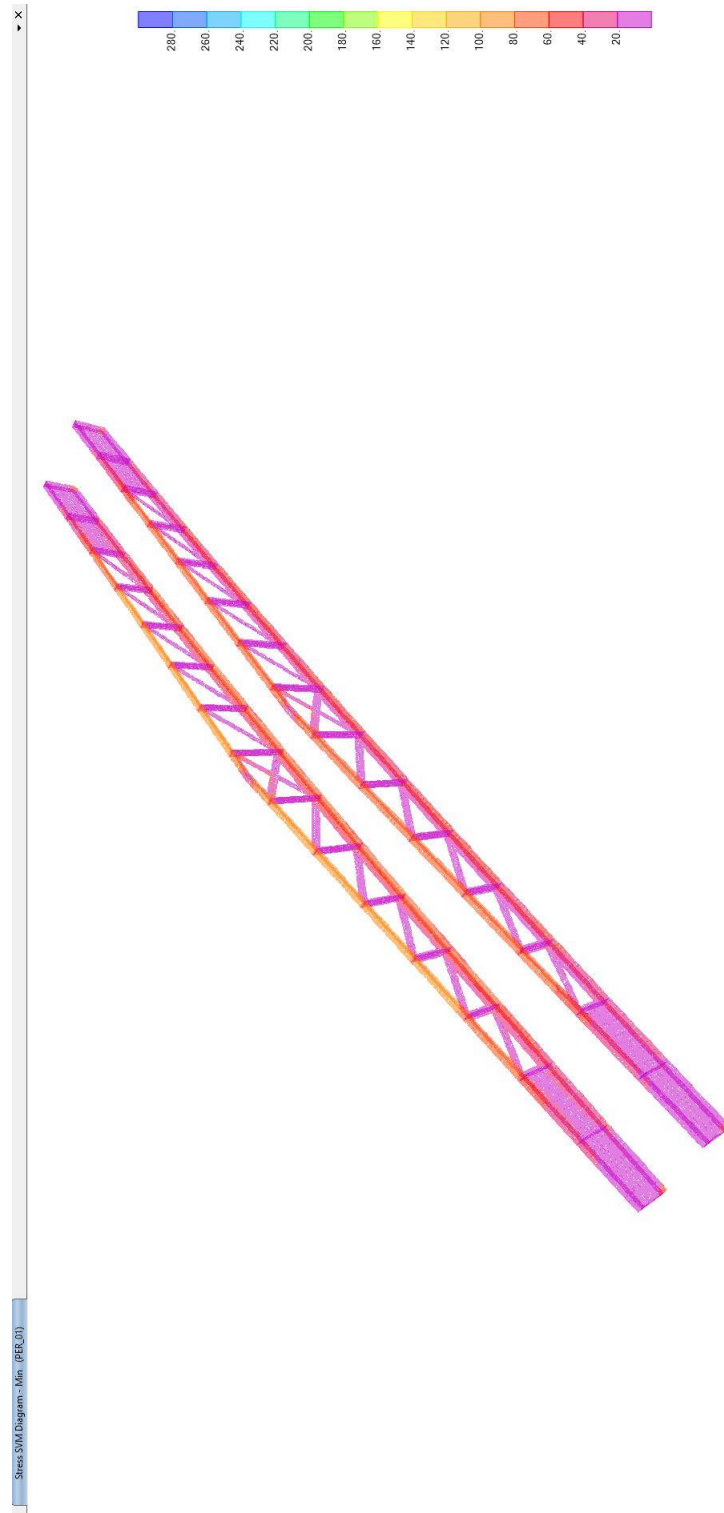
DL

Bottom

7.2 TABLERO

7.2.1 Tensión de Von Mises en chapas de acero





7.2.2 Comprobación fallo del alma por cortante / abolladura

TABLE: Section Cut Forces - Analysis

SectionCut	OutputCase	CaseType	StepType	F1	F2	F3	M1	M2	M3
Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
001-CORTANTE	ELU	Combination	Max	56.781	0.644	675.768	1.4059	-33.7223	0.1168
001-CORTANTE	ELU	Combination	Min	20.266	-1.865	241.08	0.0538	-98.4738	-0.0801

ABOLLADURA DEL ALMA A CORTANTE

Acero	f_y	355.00	N/mm ²
Coeficiente de seguridad	M1	1.05	
Módulo de Young	E	200 000.00	N/mm ²
Coeficiente de Poisson	ν	0.30	
Altura del lanel del alma	h_w	1 726.00	mm
Espeosr del alma	t_w	50.00	mm
	ε	0.81	
	t_w / h_w	0.03	
Tensión de Euler	σ_E	151.69	N/mm ²
Dsitancia entre rigidizadores	a	3 000.00	mm
	a/h_w	1.74	
Coeficiente de abolladura	k_τ	6.66	
Tensión crítica de abolladura	τ_{cr}	355.00	N/mm ²
Esbeltez del alma	λ_w	0.76	
Coeficiente contribución del alma	χ_w	1.00	
Coeficiente para resistencia adicional por endurecimiento	η	1.20	
Esbeltez límite para almas no rigidizadas		48.82	
	h_w / t_w	34.52	no es preciso realizar la comprobación
Contribución del alma	$V_{bw,Rd}$	16 845.71	kN
Contribución de las alas	$V_{bf,Rd}$	0.00	
Resistencia de cálculo frente a abolladura del alma	$V_{b,Rd}$	16 845.71	kN
Valor de cálculo del cortante	V_{ED}	675.77	kN
		ok	

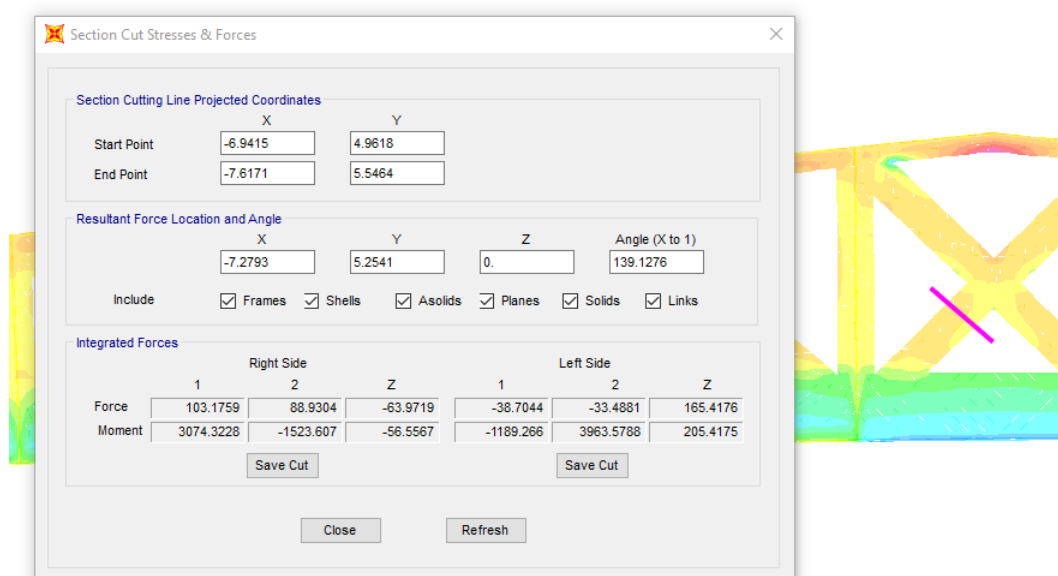
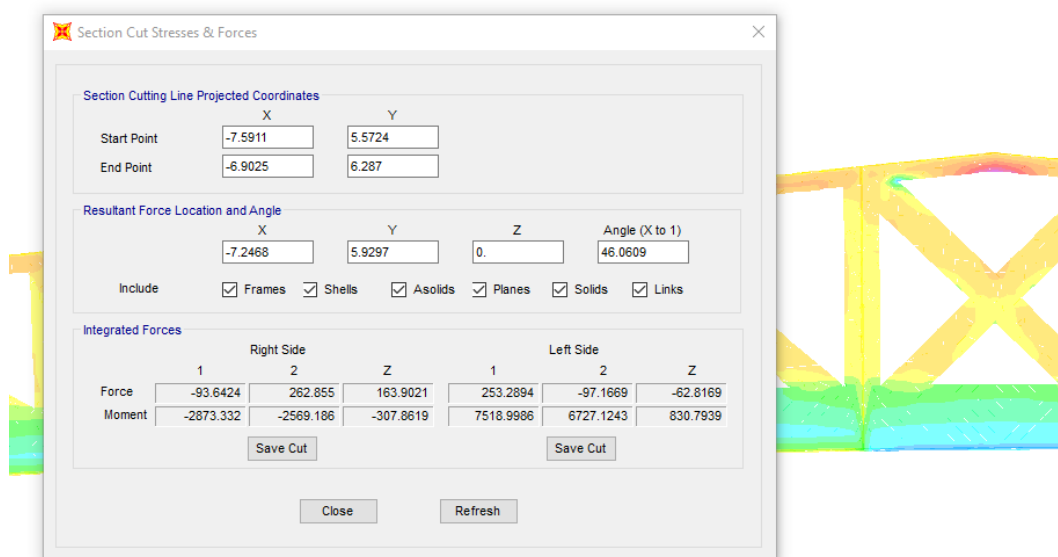
7.2.3 Comprobación fallo por tensiones normales debidas a flexión

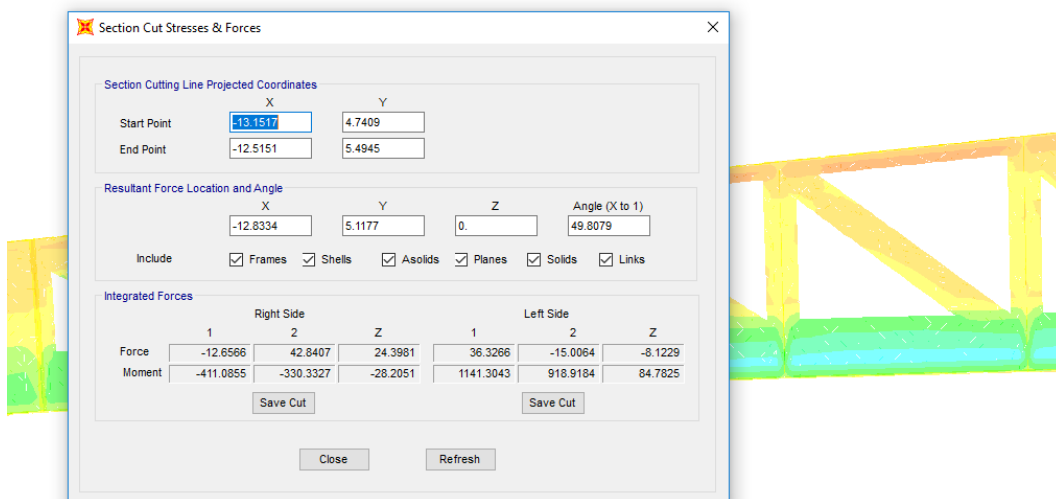
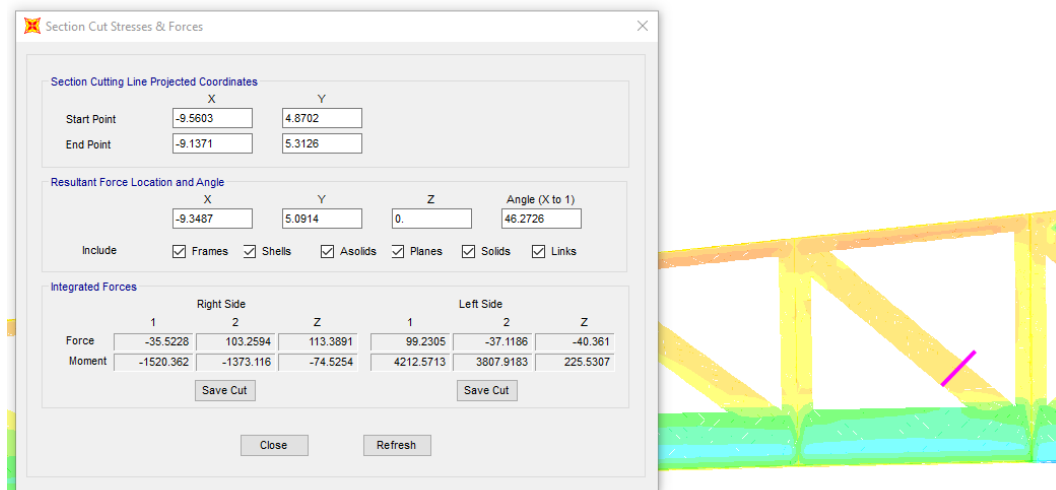
TABLE: Section Cut Forces - Analysis									
SectionCut	OutputCase	CaseType	StepType	F1	F2	F3	M1	M2	M3
Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
002-FLEXION1	ELU	Combination	Max	822.225	10.987	1.561	20.7034	-2417.6498	4.4005
002-FLEXION1	ELU	Combination	Min	-344.069	3.272	-2.943	4.9644	-9003.5952	-23.7034
002-FLEXIÓN2	ELU	Combination	Max	898.469	-3.259	-77.555	-4.4187	-2417.4208	6.4794
002-FLEXIÓN2	ELU	Combination	Min	-273.218	-9.16	-209.605	-12.3718	-8639.2205	-24.8327
002-FLEXION3	ELU	Combination	Max	815.605	18.289	-80.389	17.3842	-2287.794	3.7364
002-FLEXION3	ELU	Combination	Min	-307.969	1.416	-212.341	2.5008	-8120.6107	-11.5132
002-FLEXIÓN4	ELU	Combination	Max	573.594	-1.69	-78.475	-4.658	-2120.5921	8.1971
002-FLEXIÓN4	ELU	Combination	Min	-323.881	-9.177	-206.966	-12.3783	-7168.3093	-21.3246

RESISTENCIA A FLEXIÓN

Acero	f_y	355.00	355.00	355.00	355.00	N/mm ²
Coefficiente de seguridad	M1	1.05	1.05	1.05	1.05	
Módulo de Young	E	200 000.00	200 000.00	200 000.00	200 000.00	N/mm ²
Coefficiente de Poisson	ν	0.30	0.30	0.30	0.30	
Altura del Ianel del alma	h_w	3 080.00	2 790.00	2 548.00	2 330.00	mm
Espesor del alma	t_w	50.00	50.00	50.00	50.00	mm
Ancho del ala	b_f	400.00	400.00	400.00	400.00	mm
Espesor de las alas	t_f	50.00	50.00	50.00	50.00	mm
Brazo		3 130.00	2 840.00	2 598.00	2 380.00	mm
Resistencia de cálculo	M_{Rd}	21 164.76	19 203.81	17 567.43	16 093.33	kN
Valor de cálculo del Momento	V_{Ed}	9 003.59	8 639.20	8 120.60	7 168.31	kN
		ok	ok	ok	ok	

7.2.4 Comprobación montantes diagonales/diagonales





Section Cut Stresses & Forces

Section Cutting Line Projected Coordinates

	X	Y
Start Point	-18.96	4.3024
End Point	-18.4266	5.0268

Resultant Force Location and Angle

	X	Y	Z	Angle (X to 1)
	-18.6933	4.6646	0.	53.6325

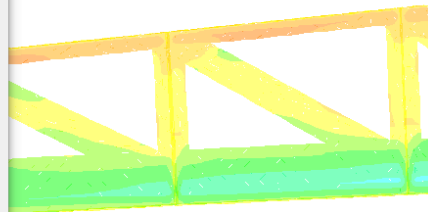
Include ☒ Frames ☒ Shells ☒ Asolids ☒ Planes ☒ Solids ☒ Links

Integrated Forces

	Right Side			Left Side		
	1	2	Z	1	2	Z
Force	273.2067	-81.0556	-58.8375	-59.7079	372.3353	175.2703
Moment	8674.7625	6162.9554	428.8186	-2661.74	-1883.168	-102.8306

Save Cut

Close Refresh



Section Cut Stresses & Forces

Section Cutting Line Projected Coordinates

	X	Y
Start Point	-22.3237	4.1376
End Point	-21.8671	4.7273

Resultant Force Location and Angle

	X	Y	Z	Angle (X to 1)
	-22.0954	4.4325	0.	52.2504

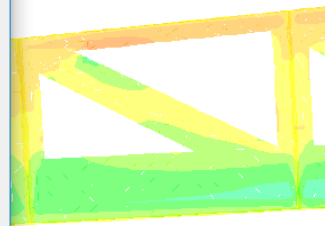
Include ☒ Frames ☒ Shells ☒ Asolids ☒ Planes ☒ Solids ☒ Links

Integrated Forces

	Right Side			Left Side		
	1	2	Z	1	2	Z
Force	348.5161	-123.4311	-78.6527	-92.2666	435.2241	218.6846
Moment	10905.383	8215.6243	422.549	-3510.11	-2640.643	-102.9697

Save Cut

Close Refresh



RESISTENCIA A TRACCIÓN/COMPRESIÓN/CORTANTE DE LAS DIAGONALES								
Acero	f_y	355.0	355.0	355.0	355.0	355.0	355.0	N/mm ²
Coefficiente de seguridad	M0	1.1	1.1	1.1	1.1	1.1	1.1	
Coefficiente de seguridad	M1	1.1	1.1	1.1	1.1	1.1	1.1	
Coefficiente de seguridad	M2	1.3	1.3	1.3	1.3	1.3	1.3	
Módulo de Young	E	200 000.0	200 000.0	200 000.0	200 000.0	200 000.0	200 000.0	N/mm ²
Coefficiente de Poisson	ν	0.3	0.3	0.3	0.3	0.3	0.3	
Ancho		400.0	400.0	400.0	400.0	400.0	400.0	mm
Espesor		50.0	50.0	50.0	50.0	50.0	50.0	mm
Longitud		2 060.0	2 060.0	1 850.0	1 650.0	2 050.0	1 890.0	mm
Inercia fuerte		2.67E+08	2.67E+08	2.67E+08	2.67E+08	2.67E+08	2.67E+08	mm ⁴
Inercia débil		4.17E+06	4.17E+06	4.17E+06	4.17E+06	4.17E+06	4.17E+06	mm ⁴
Coefficiente de pandeo	β	1.0	1.0	1.0	1.0	1.0	1.0	
Longitud de pandeo	L_p	2 060.0	2 060.0	1 850.0	1 650.0	2 050.0	1 890.0	mm
Resistencia a compresión	$N_{cr,Rd}$	6 761.9	6 761.9	6 761.9	6 761.9	6 761.9	6 761.9	kN
Resistencia a tracción	$N_{tr,Rd}$	6 761.9	6 761.9	6 761.9	6 761.9	6 761.9	6 761.9	kN
Axil crítico de pandeo	N_{cr}	1 938.14	1 938.14	2 403.12	3 021.00	1 957.09	2 302.47	kN
Esbeltez adimensional	λ	1.91	1.91	1.72	1.53	1.90	1.76	
Curva de pandeo	η	d	d	d	d	d	d	
Coefficiente de imperfección	α	0.76	0.76	0.76	0.76	0.76	0.76	
	ϕ	2.98	2.98	2.55	2.18	2.96	2.63	
Coefficiente de reducción	χ	0.190	0.190	0.225	0.268	0.191	0.218	
Resistencia compresión (pandeo)	$N_{b,Rd}$	1 282.87	1 282.87	1 521.58	1 810.95	1 292.98	1 471.53	kN
Área de cortante	A_v	20 000.00	20 000.00	20 000.00	20 000.00	20 000.00	20 000.00	mm ²
Resistencia a cortante	$V_{pl,Rd}$	3 903.99	3 903.99	3 903.99	3 903.99	3 903.99	3 903.99	kN
Cortante de cálculo	V_{Ed}	263.0	89.0	103.0	42.0	54.0	81.0	kN
		ok	ok	ok	ok	ok	ok	
Axil de cálculo	N_{Ed}	94.0	104.0	35.0	12.0	174.0	273.0	kN
		ok	ok	ok	ok	ok	ok	

7.2.5 Comprobación perfiles celosía

TABLE: Steel Design 2 - PMM Details - Eurocode 3-2005

Frame	DesignSect	DesignType	Status	Combo	Location	Pu	MuMajor	MuMinor	VuMajor	VuMinor	Tu	MepanMajor	MepanMinor	Equation	TotalRatio	PRatio	MMajRatio	MMinRatio	SRLimit	NedDsgn	Nord	Ntd
Text	Text	Text	Text	Text	m	KN	KN-m	KN-m	KN	KN	KN-m	KN-m	KN-m	Text	Unitless	Unitless	Unitless	Unitless	Unitless	KN	KN	KN
283	150x150x6	Beam	No Messages	PER_08	0	-120.783	-22.1385	-1.1089	-13.862	0.213	1.8817	-22.1385	-1.1089	6.2.9.1(6y)	0.431119	0.127086	0.431119	0.021594	0.95	-120.783	716.721	950.4
284	150x150x6	Beam	No Messages	PER_04	3.25	-21.617	20.2476	-1.4366	-10.911	0.592	0.8385	20.2476	-1.4366	6.2.9.1(6y)	0.394283	0.022745	0.394283	0.027975	0.95	-21.617	716.721	950.4
285	150x150x6	Beam	No Messages	PER_07	0	5.33	-14.2969	1.0466	-8.906	0.34	0.6894	-14.2969	1.0466	6.2.9.1(6y)	0.278413	0.005608	0.278413	0.02038	0.95	5.33	716.721	950.4
286	150x150x6	Beam	No Messages	PER_04	3.25	-22.362	12.6236	-1.1015	-6.39	0.479	0.6587	12.6236	-1.1015	6.2.9.1(6y)	0.245829	0.023529	0.245829	0.02145	0.95	-22.362	716.721	950.4
287	150x150x6	Beam	No Messages	PER_07	0	-3.021	-11.2332	0.8228	-7.055	0.323	0.5204	-11.2332	0.8228	6.2.9.1(6y)	0.218753	0.003179	0.218753	0.016023	0.95	-3.021	716.721	950.4
288	150x150x6	Beam	No Messages	PER_04	3.25	-25.708	12.7898	-0.5706	-6.498	0.235	0.3634	12.7898	-0.5706	6.2.9.1(6y)	0.249065	0.027049	0.249065	0.011111	0.95	-25.708	716.721	950.4
289	150x150x6	Beam	No Messages	PER_07	0	-1.633	-12.3106	0.4237	-7.718	0.18	0.1861	-12.3106	0.4237	6.2.9.1(6y)	0.239734	0.001718	0.239734	0.008251	0.95	-1.633	716.721	950.4
290	150x150x6	Beam	No Messages	PER_04	3.25	-21.132	13.6988	0.1147	-6.943	-0.104	-0.0036	13.6988	0.1147	6.2.9.1(6y)	0.266767	0.022235	0.266767	0.022233	0.95	-21.132	716.721	950.4
291	150x150x6	Beam	No Messages	PER_04	3.25	-21.134	13.6991	-0.1152	-6.943	0.104	0.003	13.6991	-0.1152	6.2.9.1(6y)	0.266773	0.022237	0.266773	0.022243	0.95	-21.134	716.721	950.4
292	150x150x6	Beam	No Messages	PER_07	0	-1.631	-12.3112	-0.4232	-7.718	-0.18	-0.1868	-12.3112	-0.4232	6.2.9.1(6y)	0.239744	0.001716	0.239744	0.008242	0.95	-1.631	716.721	950.4
293	150x150x6	Beam	No Messages	PER_04	3.25	-25.708	12.7902	0.57	-6.499	-0.234	-0.3641	12.7902	0.57	6.2.9.1(6y)	0.249073	0.02705	0.249073	0.0111	0.95	-25.708	716.721	950.4
294	150x150x6	Beam	No Messages	PER_07	0	-3.021	-11.2334	-0.8223	-7.056	-0.323	-0.5211	-11.2334	-0.8223	6.2.9.1(6y)	0.218756	0.003179	0.218756	0.016013	0.95	-3.021	716.721	950.4
295	150x150x6	Beam	No Messages	PER_04	3.25	-22.362	12.6236	1.1009	-6.39	-0.479	-0.6594	12.6236	1.1009	6.2.9.1(6y)	0.245828	0.023529	0.245828	0.021439	0.95	-22.362	716.721	950.4
296	150x150x6	Beam	No Messages	PER_07	0	5.33	-14.2969	-1.0461	-8.906	-0.34	-0.6702	-14.2969	-1.0461	6.2.9.1(6y)	0.278414	0.005608	0.278414	0.020371	0.95	5.33	716.721	950.4
297	150x150x6	Beam	No Messages	PER_04	3.25	-21.617	20.2476	1.436	-10.911	-0.591	-0.8392	20.2476	1.436	6.2.9.1(6y)	0.394296	0.022745	0.394296	0.027964	0.95	-21.617	716.721	950.4
298	150x150x6	Beam	No Messages	PER_08	0	-120.762	-22.1402	-1.1081	-13.883	-0.213	-1.8828	-22.1402	-1.1081	6.2.9.1(6y)	0.431151	0.127065	0.431151	0.021579	0.95	-120.762	716.721	950.4
299	150x150x6	Brace	No Messages	PER_04	4.42661	327.948	-9.107	1.8986	3.923	-0.872	0.619	-9.107	1.8986	6.2.9.1(6m)	0.345063	0.345063	0.205909	0.042927	0.95	327.948	577.041	950.4
300	150x150x6	Brace	No Messages	PER_07	2.21302	-261.182	1.7196	0.1516	-12.15	-0.845	-0.1884	7.9724	2.0209	6.3.3(4)-6.61	0.546394	0.45257	0.081437	0.012386	0.95	-261.182	577.107	950.4
301	150x150x6	Brace	No Messages	PER_04	4.4251	233.745	-6.3883	0.946	3.21	-0.41	-0.0228	-6.3883	0.946	6.2.9.1(6y)	0.245944	0.245944	0.125453	0.018578	0.95	233.745	577.218	950.4
302	150x150x6	Brace	No Messages	PER_07	2.21217	-160.055	1.7755	0.1431	-2.039	-0.62	-0.1566	5.6218	1.5152	6.3.3(4)-6.61	0.344679	0.277244	0.059003	0.008432	0.95	-160.055	577.309	950.4
303	150x150x6	Brace	No Messages	PER_04	4.42373	157.767	-5.3103	0.2636	2.858	-0.071	-0.0711	-5.3103	0.2636	6.2.9.1(6y)	0.166	0.166	0.103411	0.005134	0.95	157.767	577.38	950.4
304	150x150x6	Brace	No Messages	PER_07	2.21165	-76.234	1.2467	0.1178	-2.153	-0.406	-0.121	5.3449	1.0152	6.3.3(4)-6.61	0.18261	0.132022	0.045413	0.005175	0.95	-76.234	577.431	950.4
305	150x150x6	Beam	No Messages	PER_03	4.42304	63.457	-4.8089	-0.0026	2.92	0.065	0.042	-4.8089	-0.0026	6.2.9.1(6y)	0.093646	0.066769	0.093646	0	0.95	63.457	577.461	950.4
306	150x150x6	Brace	No Messages	PER_04	4.42661	327.888	-9.1086	-1.8985	3.923	0.872	-0.619	-9.1086	-1.8985	6.2.9.1(6m)	0.345001	0.345001	0.205926	0.042922	0.95	327.888	577.041	950.4
307	150x150x6	Brace	No Messages	PER_07	2.21302	-261.129	1.721	-0.1517	-13.126	0.845	0.1886	7.974	-2.0208	6.3.3(4)-6.61	0.546314	0.452479	0.08145	0.012385	0.95	-261.129	577.107	950.4
308	150x150x6	Brace	No Messages	PER_04	4.4251	233.684	-6.3896	-0.9459	3.21	0.41	0.0229	-6.3896	-0.9459	6.2.9.1(6y)	0.24588	0.24588	0.125468	0.018573	0.95	233.684	577.218	950.4
309	150x150x6	Brace	No Messages	PER_07	2.21217	-160.002	1.7769	-0.1431	-2.039	0.62	0.1568	5.6232	-1.5151	6.3.3(4)-6.61	0.344614	0.277151	0.059032	0.00843	0.95	-160.002	577.309	950.4
310	150x150x6	Brace	No Messages	PER_04	4.42373	157.706	-5.3117	-0.2634	2.858	0.071	0.0713	-5.3117	-0.2634	6.2.9.1(6y)	0.165936	0.165936	0.103438	0.00513	0.95	157.706	577.38	950.4
311	150x150x6	Brace	No Messages	PER_07	2.21165	-76.18	1.248	-0.1178	-2.153	0.406	0.1211	5.3464	-1.015	6.3.3(4)-6.61	0.182526	0.131929	0.045423	0.005174	0.95	-76.18	577.431	950.4
312	150x150x6	Beam	No Messages	PER_03	4.42304	63.397	-4.8103	0.0028	2.92	-0.065	-0.0419	-4.8103	0.0028	6.2.9.1(6y)	0.093675	0.066706	0.093675	0	0.95	63.397	577.461	950.4
313	150x150x6	Beam	No Messages	PER_08	0	-18.409	-6.7603	0.0001759	-3.896	0	-0.0002233	-6.7603	0.0001759	6.2.9.1(6y)	0.131649	0.01937	0.131649	0	0.95	-18.409	716.721	950.4
314	150x150x6	Beam	No Messages	PER_07	0	3.953	-5.0058	-0.3198	-2.88	-0.204	0.1314	-5.0058	-0.3198	6.2.9.1(6y)	0.097482	0.004159	0.097482	0.006227	0.95	3.953	678.043	950.4
315	150x150x6	Beam	No Messages	PER_07	3.57946	3.996	-5.0047	-0.3198	2.88	0.204	-0.1316	-5.0047	-0.3198	6.2.9.1(6y)	0.09746	0.004204	0.09746	0.006228	0.95	3.996	678.041	950.4

TABLE: Steel Design 2 - PMM Details - Eurocode 3-2005

Frame	NbrdMajor	NbrdMinor	MedMajDgn	MordMajor	MvrdMajor	MbrdMajor	XCMajor	XLMajor	kMajor	kzy	C1	MedMinDagn	MordMinor	MvrdMinor	XCMinor	XLMinor	kMinor	kzy	Fy	E
Text	KN	KN	KN-m	KN-m	KN-m	KN-m	Unitless	Unitless	Unitless	Unitless	Unitless	KN-m	KN-m	KN-m	Unitless	Unitless	Unitless	Unitless	KN/m2	KN/m2
283	716.721	716.721	-22.1385	51.3513	51.3513	51.3513	1	1	0.430472	0.258283	2.7	1.1089	51.3513	51.3513	1	1	0.807458	0.484475	275000	199947978.8
284	716.721	716.721	20.2469	51.3513	51.3513	51.3513	1	1	0.405454	0.243272	2.7	-1.4366	51.3513	51.3513	1	1	0.470968	0.282581	275000	199947978.8
285	716.721	716.721	-14.2969	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.7	1.0466	51.3513	51.3513	1	1	0.577943	0.346766	275000	199947978.8
286	716.721	716.721	12.6236	51.3513	51.3513	51.3513	1	1	0.405642	0.243385	2.17356	-1.1015	51.3513	51.3513	1	1	0.440768	0.264461	275000	199947978.8
287	716.721	716.721	-11.2332	51.3513	51.3513	51.3513	1	1	0.400762	0.240457	2.307045	0.8228	51.3513	51.3513	1	1	0.490332	0.294199	275000	199947978.8
288	716.721	716.721	12.7898	51.3513	51.3513	51.3513	1	1	0.406486	0.243891	2.175088	-0.5706	51.3513	51.3513	1	1	0.473011	0.283807	275000	199947978.8
289	716.721	716.721	-12.3106	51.3513	51.3513	51.3513	1	1	0.400412	0.240247	2.303962	0.4237	51.3513	51.3513	1	1	0.446881	0.268129	275000	199947978.8
290	716.721	716.721	13.6988	51.3513	51.3513	51.3513	1	1	0.405331	0.243199	2.176126	0.1147	51.3513	51.3513	1	1	0.405331	0.243199	275000	199947978.8
291	716.721	716.721	13.6991	51.3513	51.3513	51.3513	1	1	0.405332	0.243199	2.176127	-0.1152	51.3513	51.3513	1	1	0.405332	0.243199	275000	199947978.8
292	716.721	716.721	-12.3112	51.3513	51.3513	51.3513	1	1	0.400411	0.240247	2.303959	-0.4232	51.3513	51.3513	1	1	0.446979	0.268187	275000	199947978.8
293	716.721	716.721	12.7902	51.3513	51.3513	51.3513	1	1	0.406486	0.243891	2.17509	0.57	51.3513	51.3513	1	1	0.473112	0.283867	275000	199947978.8
294	716.721	716.721	-11.2334	51.3513	51.3513	51.3513	1	1	0.400762	0.240457	2.307045	-0.8223	51.3513	51.3513	1	1	0.49041	0.294246	275000	199947978.8
295	716.721	716.721	12.6236	51.3513	51.3513	51.3513	1	1	0.405641	0.243385	2.173559	1.1009	51.3513	51.3513	1	1	0.440803	0.264482	275000	199947978.8
296	716.721	716.721	-14.2969	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.7	-1.0461	51.3513	51.3513	1	1	0.578043	0.346826	275000	199947978.8
297	716.721	716.721	20.2476	51.3513	51.3513	51.3513	1	1	0.405454	0.243272	2.7	1.436	51.3513	51.3513	1	1	0.47101	0.282606	275000	199947978.8
298	716.721	716.721	-22.1402	51.3513	51.3513	51.3513	1	1	0.430467	0.25828	2.7	-1.1081	51.3513	51.3513	1	1	0.807773	0.484664	275000	199947978.8
299	577.041	577.041	-9.107	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.336518	-1.8986	51.3513	51.3513	1	1	0.4	0.24	275000	199947978.8
300	577.107	577.107	1.7196	51.3513	51.3513	51.3513	1	1	0.524546	0.314728	2.095382	0.1516	51.3513	51.3513	1	1	0.524546	0.314728	275000	199947978.8
301	577.218	577.218	-6.3883	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.447257	0.946	51.3513	51.3513	1	1	0.4	0.24	275000	199947978.8
302	577.309	577.309	1.7755	51.3513	51.3513	51.3513	1	1	0.538956	0.323374	2.025948	0.1431	51.3513	51.3513	1	1	0.476259	0.285755	275000	199947978.8
303	577.38	577.38	-5.3103	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.428524	0.2636	51.3513	51.3513	1	1	0.523678	0.314207	275000	199947978.8
304	577.431	577.431	1.2467	51.3513	51.3513	51.3513	1	1	0.436303	0.261782	2.047291	0.1178	51.3513	51.3513	1	1	0.436303	0.261782	275000	199947978.8
305	577.461	577.461	-4.8089	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.07364	-0.0026	51.3513	51.3513	1	1	0.596268	0.357761	275000	199947978.8
306	577.041	577.041	-9.1086	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.336439	-1.8985	51.3513	51.3513	1	1	0.4	0.24	275000	199947978.8
307	577.107	577.107	1.721	51.3513	51.3513	51.3513	1	1	0.524521	0.314713	2.095353	-0.1517	51.3513	51.3513	1	1	0.524521	0.314713	275000	199947978.8
308	577.218	577.218	-6.3986	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.44712	-0.9459	51.3513	51.3513	1	1	0.4	0.24	275000	199947978.8
309	577.309	577.309	1.7769	51.3513	51.3513	51.3513	1	1	0.539086	0.323452	2.025922	-0.1431	51.3513	51.3513	1	1	0.476233	0.28574	275000	199947978.8
310	577.38	577.38	-5.3117	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.42927	-0.2634	51.3513	51.3513	1	1	0.524052	0.314431	275000	199947978.8
311	577.431	577.431	1.248	51.3513	51.3513	51.3513	1	1	0.436278	0.261767	2.047266	-0.1178	51.3513	51.3513	1	1	0.436278	0.261767	275000	199947978.8
312	577.461	577.461	-4.8103	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.07343	0.0028	51.3513	51.3513	1	1	0.596043	0.357626	275000	199947978.8
313	716.721	716.721	-6.7603	51.3513	51.3513	51.3513	1	1	0.404644	0.242787	2.288596	0	51.3513	51.3513	1	1	0.404644	0.242787	275000	199947978.8
314	678.043	678.043	-5.0058	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.359931	-0.3198	51.3513	51.3513	1	1	0.4	0.24	275000	199947978.8
315	678.041	678.041	-5.0047	51.3513	51.3513	51.3513	1	1	0.4	0.24	2.360032	-0.3198	51.3513	51.3513	1	1	0.4	0.24	275000	199947978.8

TABLE: Steel Design 3 - Shear Details - Eurocode 3-2005

Frame	DesignSect	DesignType	Status	VMajorCombo	VMajorLoc	VMajorRatio	VdMajDsgn	VrdMajor	TuMajor	VMinorCombo	VMinorLoc	VMinorRatio	VdMinDsgn	VrdMinor	TuMinor	SRLimit	
Text	Text	Text	Text	Text	m	Unitless	KN	KN	KN-m	Text	m	Unitless	KN	KN	KN-m	Unitless	
283	150x150x6	Beam	No Messages	PER_03		0	0.044499	14.04	315.51	1.8726	ACC_21	0	0.001246	0.356	285.788	0.4501	0.95
284	150x150x6	Beam	No Messages	PER_04		0	0.038354	12.101	315.51	0.8385	PER_04	0	0.00207	0.592	285.788	0.8385	0.95
285	150x150x6	Beam	No Messages	PER_03		0	0.028678	9.048	315.51	0.6688	ACC_25	0	0.001194	0.341	285.788	0.1827	0.95
286	150x150x6	Beam	No Messages	PER_04		0	0.024025	7.58	315.51	0.6587	PER_04	0	0.001676	0.479	285.788	0.6587	0.95
287	150x150x6	Beam	No Messages	PER_03		0	0.022785	7.189	315.51	0.5202	PER_07	0	0.001131	0.323	285.788	0.5204	0.95
288	150x150x6	Beam	No Messages	PER_04		0	0.024369	7.689	315.51	0.3634	PER_07	0	0.000828	0.236	285.788	0.3626	0.95
289	150x150x6	Beam	No Messages	PER_03		0	0.024889	7.853	315.51	0.1856	PER_04	0	0.000701	0.2	285.788	0.1848	0.95
290	150x150x6	Beam	No Messages	PER_04		0	0.025777	8.133	315.51	0.0036	PER_02	0	0.000532	0.152	285.788	0.0014	0.95
291	150x150x6	Beam	No Messages	PER_04		0	0.025778	8.133	315.51	0.003	PER_02	0	0.000531	0.152	285.788	0.0016	0.95
292	150x150x6	Beam	No Messages	PER_03		0	0.02489	7.853	315.51	0.1863	PER_04	0	0.0007	0.2	285.788	0.1855	0.95
293	150x150x6	Beam	No Messages	PER_04		0	0.02437	7.689	315.51	0.3641	PER_07	0	0.000827	0.236	285.788	0.3634	0.95
294	150x150x6	Beam	No Messages	PER_03		0	0.022785	7.189	315.51	0.5209	PER_07	0	0.00113	0.323	285.788	0.5211	0.95
295	150x150x6	Beam	No Messages	PER_04		0	0.024025	7.58	315.51	0.6594	PER_04	0	0.001675	0.479	285.788	0.6594	0.95
296	150x150x6	Beam	No Messages	PER_03		0	0.028678	9.048	315.51	0.6696	ACC_21	0	0.001194	0.341	285.788	0.1829	0.95
297	150x150x6	Beam	No Messages	PER_04		0	0.038355	12.101	315.51	0.8392	PER_04	0	0.002069	0.591	285.788	0.8392	0.95
298	150x150x6	Beam	No Messages	PER_03		0	0.044503	14.041	315.51	1.8737	ACC_25	0	0.001246	0.356	285.788	0.4505	0.95
299	150x150x6	Brace	No Messages	PER_03	4.42661	0.012458		3.931	315.51	0.6329	PER_07	0	0.00313	0.895	285.788	0.6025	0.95
300	150x150x6	Brace	No Messages	PER_04		0	0.012477	3.936	315.51	0.1927	PER_04	0	0.003168	0.905	285.788	0.1927	0.95
301	150x150x6	Brace	No Messages	PER_03	4.4251	0.010214		3.223	315.51	0.0106	PER_07	0	0.001746	0.499	285.788	0.0117	0.95
302	150x150x6	Brace	No Messages	PER_03		0	0.009027	2.848	315.51	0.1661	PER_04	0	0.002555	0.73	285.788	0.116	0.95
303	150x150x6	Brace	No Messages	PER_04	4.42373	0.009059		2.858	315.51	0.0711	ACC_21	0	0.001129	0.323	285.788	0.0495	0.95
304	150x150x6	Brace	No Messages	PER_03		0	0.009386	2.961	315.51	0.1329	PER_04	0	0.001835	0.524	285.788	0.0869	0.95
305	150x150x6	Beam	No Messages	PER_04	4.42304	0.009288		2.924	315.51	0.0053	PER_02	0	0.000864	0.247	285.788	0.0208	0.95
306	150x150x6	Brace	No Messages	PER_03	4.42661	0.012459		3.931	315.51	0.6329	PER_07	0	0.00313	0.895	285.788	0.6025	0.95
307	150x150x6	Brace	No Messages	PER_04		0	0.012477	3.937	315.51	0.1929	PER_04	0	0.003168	0.905	285.788	0.1929	0.95
308	150x150x6	Brace	No Messages	PER_03	4.4251	0.010214		3.223	315.51	0.0105	PER_07	0	0.001746	0.499	285.788	0.0119	0.95
309	150x150x6	Brace	No Messages	PER_03		0	0.009027	2.848	315.51	0.1663	PER_04	0	0.002555	0.73	285.788	0.1162	0.95
310	150x150x6	Brace	No Messages	PER_04	4.42373	0.00906		2.858	315.51	0.0713	ACC_25	0	0.001129	0.323	285.788	0.0495	0.95
311	150x150x6	Brace	No Messages	PER_03		0	0.009386	2.961	315.51	0.1331	PER_04	0	0.001835	0.524	285.788	0.0871	0.95
312	150x150x6	Beam	No Messages	PER_04	4.42304	0.009288		2.924	315.51	0.0052	PER_02	0	0.000864	0.247	285.788	0.0208	0.95
313	150x150x6	Beam	No Messages	PER_04		0	0.012844	4.052	315.51	0	PER_01	0	0	0	285.788	0	0.95
314	150x150x6	Beam	No Messages	PER_03		0	0.00965	3.045	315.51	0.1207	PER_02	0	0.001249	0.357	285.788	0.0747	0.95
315	150x150x6	Beam	No Messages	PER_03	3.57946	0.009649		3.044	315.51	0.1209	PER_02	0	0.001249	0.357	285.788	0.0747	0.95

7.2.6 Comprobación perfiles transversales

TABLE: Steel Design 2 - PMM Details - AISC 380-10

Frame	DesignSect	DesignType	Status	Combo	Location	Pr	MrMajor	MrMinor	VrMajor	VrMinor	Tr	Equation	TotalRatio	PrRatio	MMajRatio	MMinRatio	VMAjRatio	VMinRatio	TorRatio	DCLimit	PrDgn	PoComp	PoTension
				Text	mm	N	N-mm	N-mm	N	N	N-mm			Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	N	N
2	140x60x4	Beam	No Messages	PER_01	360	0	2929283.9	0	-7232.8	0	0	(H1-1b)	0.175372	0	0.175372	0	0	0	0	0.95	0	116978.47	380160
3	140x60x4	Beam	No Messages	PER_01	360	0	5207615.82	0	-5424.6	0	0	(H1-1b)	0.311772	0	0.311772	0	0	0	0	0.95	0	116978.47	380160
4	140x60x4	Beam	No Messages	PER_01	360	0	6834995.76	0	-3616.4	0	0	(H1-1b)	0.409201	0	0.409201	0	0	0	0	0.95	0	116978.47	380160
5	140x60x4	Beam	No Messages	PER_01	360	0	7811423.72	0	-1808.2	0	0	(H1-1b)	0.467658	0	0.467658	0	0	0	0	0.95	0	116978.47	380160
6	140x60x4	Beam	No Messages	PER_01	360	0	8136899.71	0	8.203E-11	0	0	(H1-1b)	0.487144	0	0.487144	0	0	0	0	0.95	0	116978.47	380160
7	140x60x4	Beam	No Messages	PER_01	0	0	8136899.71	0	0	0	0	(H1-1b)	0.487144	0	0.487144	0	0	0	0	0.95	0	116978.47	380160
8	140x60x4	Beam	No Messages	PER_01	0	0	7811423.72	0	1808.2	0	0	(H1-1b)	0.467658	0	0.467658	0	0	0	0	0.95	0	116978.47	380160
9	140x60x4	Beam	No Messages	PER_01	0	0	6834995.76	0	3616.4	0	0	(H1-1b)	0.409201	0	0.409201	0	0	0	0	0.95	0	116978.47	380160
10	140x60x4	Beam	No Messages	PER_01	0	0	5207615.82	0	5424.6	0	0	(H1-1b)	0.311772	0	0.311772	0	0	0	0	0.95	0	116978.47	380160
11	140x60x4	Beam	No Messages	PER_01	0	0	2929283.9	0	7232.8	0	0	(H1-1b)	0.175372	0	0.175372	0	0	0	0	0.95	0	116978.47	380160

TABLE: Steel Design 2 - PMM Details - AISC 380-10

Frame	MrMajorDgn	MrMinorDgn	MrMinorDgn	McMinor	XLMajor	XLMinor	XLTLT	K1Major	K1Minor	K2Major	K2Minor	KLTB	CmMajor	CmMinor	Cb	B1Major	B1Minor	B2Major	B2Minor	Fy	E	Length
Text	N-mm	N-mm	N-mm	N-mm	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	N/mm2	N/mm2	mm
2	2929283.9	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.666667	1	1	1	1	275	199947.98	360
3	5207615.82	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.212121	1	1	1	1	275	199947.98	360
4	6834995.76	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.105263	1	1	1	1	275	199947.98	360
5	7811423.72	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.052632	1	1	1	1	275	199947.98	360
6	8136899.71	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.01626	1	1	1	1	275	199947.98	360
7	8136899.71	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.01626	1	1	1	1	275	199947.98	360
8	7811423.72	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.052632	1	1	1	1	275	199947.98	360
9	6834995.76	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.105263	1	1	1	1	275	199947.98	360
10	5207615.82	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.212121	1	1	1	1	275	199947.98	360
11	2929283.9	16703280	0	9100080	10	10	10	1	1	1	1	1	1	1	1.666667	1	1	1	1	275	199947.98	360

TABLE: Steel Design 3 - Shear Details - AISC 380-10

RELE: Design Sect 3 - Shear Details - AISI 550-10																	
Frame	DesignSect	DesignType	Status	VMajorCombo	VMajorLoc	VMajorRatio	VrMajDsgn	PhiVnMajor	TrMajor	VMinorCombo	VMinorLoc	VMinorRatio	VrMinDsgn	PhiVnMinor	TrMinor	DCLimit	RLLF
Text	Text	Text	Text	Text	mm	Unitless	N	N	N-mm	Text	mm	Unitless	N	N	N-mm	Unitless	Unitless
2	140x60x4	Beam	No Messages	PER_01	0	0.059455	9041	152064	0	PER_01	0	0	0	57024	0	0.95	1
3	140x60x4	Beam	No Messages	PER_01	0	0.047564	7232.8	152064	0	PER_01	0	0	0	57024	0	0.95	1
4	140x60x4	Beam	No Messages	PER_01	0	0.035673	5424.6	152064	0	PER_01	0	0	0	57024	0	0.95	1
5	140x60x4	Beam	No Messages	PER_01	0	0.023782	3616.4	152064	0	PER_01	0	0	0	57024	0	0.95	1
6	140x60x4	Beam	No Messages	PER_01	0	0.011891	1808.2	152064	0	PER_01	0	0	0	57024	0	0.95	1
7	140x60x4	Beam	No Messages	PER_01	360	0.011891	1808.2	152064	0	PER_01	0	0	0	57024	0	0.95	1
8	140x60x4	Beam	No Messages	PER_01	360	0.023782	3616.4	152064	0	PER_01	0	0	0	57024	0	0.95	1
9	140x60x4	Beam	No Messages	PER_01	360	0.035673	5424.6	152064	0	PER_01	0	0	0	57024	0	0.95	1
10	140x60x4	Beam	No Messages	PER_01	360	0.047564	7232.8	152064	0	PER_01	0	0	0	57024	0	0.95	1
11	140x60x4	Beam	No Messages	PER_01	360	0.059455	9041	152064	0	PER_01	0	0	0	57024	0	0.95	1

7.3 NEOPRENOS

APOYOS ELASTOMÉRICOS RECTANGULARES. MÉTODO: RECOMENDACIONES PARA APOYOS ELASTOMÉRICOS PARA PUENTES DE CARRETERA

CÁLCULO Y COMPROBACIÓN PARA G MAX

Parámetros del neopreno

Ancho (sentido transversal)	a	400.00 mm	TEMPERATURA	
Largo (sentido longitudinal)	b	350.00 mm	Longitud (m)	45
Área	A	140000.00 mm ²	L/2	22.5
Altura total	H	80.00 mm	α (°C-1)	1.20E-05
Altura de goma	T	56.00 mm	Δt_{exp} (°C)	59.62
Espesor de goma de una capa	ti	8.00 mm	Δt_{con} (°C)	40.77
Número de capas interiores	n	7.00	ϵ_x expansion (mm)	16.10
Capas exteriores		2.00	ϵ_x contraction (mm)	-11.01
Espesor capa exterior		4.00 mm	ϵ más desfavorable (mm)	16.10
Espesor de la chapa de acero	ts	3.00 mm		
Módulo cortante	G	0.90 N/mm ²		
Módulo cortante Gmax	Gmax	1.49 N/mm ²		
Módulo cortante Gmin	Gmin	0.81 N/mm ²		
Límite elástico del acero	Fy	250.00 N/mm ²		
Rigidez del apoyo (Gmax)	Kneopreno max	3712.50 kN/m		
Rigidez del apoyo (Gmin)	Kneopreno min	2025.00 kN/m		
Factor de forma de la chapa	S	11.67		
Tipo de apoyos según norma	A			

Cargas y deformaciones

		Rz N	Ry N	Rx N	dy mm	dx mm	Θ_x radianes	Θ_y radianes
Peso propio PP	permanente	298 700.00	0.00	17 700.00	0.00	4.77	0.00000	0.00220
Sobrecarga de uso SCU	vble	191 128.00	0.00	18 466.00	0.00	4.97	0.00000	0.00156
Viento V	vble	82 409.00	89 277.00	0.00	24.05	0.00	0.00670	0.00000
Sismo (X) SX	acc	0.00	0.00	53 304.00	0.00	14.36	0.00000	0.00059
Sismo (Y) SY	acc	0.00	52 594.00	0.00	14.17	0.00	0.00250	0.00000
Temperatura T	vble	0.00	0.00	59 761.60	0.00	16.10	0.00000	0.00000

Combinaciones

	I	II	III	IV	V	VI	SX	SY
PP	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SCU	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00
V	0.00	1.00	0.50	0.00	1.00	0.50	0.00	0.00
SX	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
SY	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
T	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00

Resultado de la combinación de acciones

	I	II	III	IV	V	VI	SX	SY
Rz (N)	489828.00	381109.00	531032.50	489828.00	381109.00	531032.50	298700.00	298700.00
Ry (N)	0.00	89277.00	44638.50	0.00	89277.00	44638.50	15778.20	52594.00
Rx (N)	36166.00	17700.00	36166.00	95927.60	77461.60	95927.60	71004.00	33691.20
dy (mm)	0.00	24.05	12.02	0.00	24.05	12.02	4.25	14.17
dx (mm)	9.74	4.77	9.74	25.84	20.87	25.84	19.13	9.08
Θ_x (rad)	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
Θ_y (rad)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Comprobación de la tensión máxima y mínima para evitar despegue.

Condiciones a cumplir:			Área máxima (mm ²)	149350.00
Tensión vertical máxima	$\sigma \leq 15 \text{ MPa}$	$\sigma = R_z/a*b$	Área mínima (mm ²)	35402.17
Tensión vertical mínima	$\sigma \geq 2 \text{ MPa}$		a (mm)	400.00
			b (mm)	350.00
			Área adoptada (mm ²)	140000.00

Comprobación al deslizamiento

Condiciones a cumplir:	Hsf*N								
Fuerza horizontal 1 neopreno (kN)	H	I	II	III	IV	V	VI	SX	SY
Coefficiente de rozamiento	f	0.27	0.32	0.26	0.27	0.32	0.26	0.38	0.38
	$\sigma(\text{kp/cm}^2)$	35.65	27.74	38.65	35.65	27.74	38.65	21.74	21.74
Carga vertical 1 neopreno (kN)	N	489.83	381.11	531.03	489.83	381.11	531.03	298.70	298.70
	f*N	131.42	120.54	135.54	131.42	120.54	135.54	112.30	112.30
Comprobación		cumple	cumple	cumple	cumple	cumple	cumple	cumple	cumple

Comprobación tensiones máximas

Comprobación tensiones máximas	ok	ok	ok	ok	ok	ok	ok	ok	ok
--------------------------------	----	----	----	----	----	----	----	----	----

Comprobación tensiones mínimas

Comprobación tensiones mínimas	ok	ok	ok	ok	ok	ok	ok	ok	ok
--------------------------------	----	----	----	----	----	----	----	----	----

Comprobación de estabilidadCondiciones a cumplir: $a/10 \leq t \leq a/5$

Dimensión mayor en planta (mm)	a	400.00							
	a/10	40.00							
	a/5	80.00							
Espesor recomendable de una capa de neopreno (mm)	ti	8.00							
Número máximo de capas de neopreno		5.00							
Espesor total de las capas de neopreno (mm)	t	56.00	cumple a/10	cumple a/5					

Comprobación de deformaciónCondiciones a cumplir: $u \leq 0,7*t$

Desplazamiento del apoyo por cargas lentas (mm)	Combinación	I	II	III	IV	V	VI	SX	SY
	ux	9.74	4.77	9.74	25.84	20.87	25.84	19.13	9.08
	0,7*t	39.20	39.20	39.20	39.20	39.20	39.20	39.20	39.20
	Comprobación	cumple	cumple	cumple	cumple	cumple	cumple	cumple	cumple
	Combinación	I	II	III	IV	V	VI	SX	SY
	uy	0.00	24.05	12.02	0.00	24.05	12.02	4.25	14.17
	0,7*t	39.20	39.20	39.20	39.20	39.20	39.20	39.20	39.20
	Comprobación	cumple	cumple	cumple	cumple	cumple	cumple	cumple	cumple

Comprobación espesor de los zunchos

Condición:	e >	2.00	mm						
a (mm)	400.00			Combinación	I	II	III	IV	V
b (mm)	350.00			$\sigma_m (N/ab) \text{ (Mpa)}$	3.50	2.72	3.79	3.50	2.72
t (mm)	56.00			e (mm)	3.57	2.78	3.87	3.57	2.78
S	1.67			Comprobación	cumple	cumple	cumple	cumple	cumple
$\sigma_e \text{ (Mpa)}$	235.00								
$\sigma_m (N/ab) \text{ (Mpa)}$									
espesor del zuncho	e > 2 mm	2.00							

Espesor elegido : 4 mm

APOYOS ELASTOMÉRICOS RECTANGULARES. MÉTODO: RECOMENDACIONES PARA APOYOS ELASTOMÉRICOS PARA PUENTES DE CARRETERA

CÁLCULO Y COMPROBACIÓN PARA G MAX

Parámetros del neopreno

Ancho (sentido transversal)	a	400.00 mm	TEMPERATURA	
Largo (sentido longitudinal)	b	350.00 mm	Longitud (m)	45
Área	A	140000.00 mm ²	L/2	22.5
Altura total	H	80.00 mm	α (°C-1)	1.20E-05
Altura de goma	T	56.00 mm	Δt_{exp} (°C)	59.62
Espesor de goma de una capa	ti	8.00 mm	Δt_{con} (°C)	40.77
Número de capas interiores	n	7.00	ϵ_x expansion (mm)	16.10
Capas exteriores		2.00	ϵ_x contraction (mm)	-11.01
Espesor capa exterior		4.00 mm	ϵ más desfavorable (mm)	16.10
Espesor de la chapa de acero	ts	3.00 mm		
Módulo cortante	G	0.90 N/mm ²		
Módulo cortante Gmax	Gmin	0.81 N/mm ²		
Módulo cortante Gmin	Gmáx	1.49 N/mm ²		
Límite elástico del acero	Fy	250.00 N/mm ²		
Rigidez del apoyo (Gmax)	Kneopreno max	2025.00 kN/m		
Rigidez del apoyo (Gmin)	Kneopreno min	3712.50 kN/m		
Factor de forma de la chapa	S	11.67		
Tipo de apoyos según norma	A			

Cargas y deformaciones

		Rz	Ry	Rx	dy	dx	Θ_x	Θ_y
		N	N	N	mm	mm	radianes	radianes
Peso propio PP	permanente	298 700.00	0.00	17 700.00	0.00	8.74	0.00000	0.00220
Sobrecarga de uso SCU	vble	191 128.00	0.00	18 466.00	0.00	9.12	0.00000	0.00156
Viento V	vble	82 409.00	89 277.00	0.00	44.09	0.00	0.00670	0.00000
Sismo (X) SX	acc	0.00	0.00	53 304.00	0.00	26.32	0.00000	0.00059
Sismo (Y) SY	acc	0.00	52 594.00	0.00	25.97	0.00	0.00250	0.00000
Temperatura T	vble	0.00	0.00	32 597.24	0.00	16.10	0.00000	0.00000

Combinaciones

	I	II	III	IV	V	VI	SX	SY
PP	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SCU	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00
V	0.00	1.00	0.50	0.00	1.00	0.50	0.00	0.00
SX	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
SY	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
T	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00

Resultado de la combinación de acciones

	I	II	III	IV	V	VI	SX	SY
Rz (N)	489828.00	381109.00	531032.50	489828.00	381109.00	531032.50	298700.00	298700.00
Ry (N)	0.00	89277.00	44638.50	0.00	89277.00	44638.50	15778.20	52594.00
Rx (N)	36166.00	17700.00	36166.00	68763.24	50297.24	68763.24	71004.00	33691.20
dy (mm)	0.00	44.09	22.04	0.00	44.09	22.04	7.79	25.97
dx (mm)	17.86	8.74	17.86	33.96	24.84	33.96	35.06	16.64
Θ_x (rad)	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
Θ_y (rad)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Comprobación de la tensión máxima y mínima para evitar despegue.

Condiciones a cumplir:			Área máxima (mm ²)	149350.00
Tensión vertical máxima	$\sigma \leq 15 \text{ MPa}$	$\sigma = R_z/a*b$	Área mínima (mm ²)	35402.17
Tensión vertical mínima	$\sigma \geq 2 \text{ MPa}$		a (mm)	400.00
			b (mm)	350.00
			Área adoptada (mm ²)	140000.00

Comprobación al deslizamiento

Condiciones a cumplir:	Hsf*N								
Fuerza horizontal 1 neopreno (kN)	H	I	II	III	IV	V	VI	SX	SY
Coefficiente de rozamiento	f	0.27	0.32	0.26	0.27	0.32	0.26	0.38	0.38
	$\sigma(\text{kp/cm}^2)$	35.65	27.74	38.65	35.65	27.74	38.65	21.74	21.74
Carga vertical 1 neopreno (kN)	N	489.83	381.11	531.03	489.83	381.11	531.03	298.70	298.70
	f*N	131.42	120.54	135.54	131.42	120.54	135.54	112.30	112.30
Comprobación		cumple	cumple	cumple	cumple	cumple	cumple	cumple	cumple

Comprobación tensiones máximas

Comprobación tensiones máximas	ok	ok	ok	ok	ok	ok	ok	ok	ok
--------------------------------	----	----	----	----	----	----	----	----	----

Comprobación tensiones mínimas

Comprobación tensiones mínimas	ok	ok	ok	ok	ok	ok	ok	ok	ok
--------------------------------	----	----	----	----	----	----	----	----	----

Comprobación de estabilidadCondiciones a cumplir: $a/10 \leq t \leq a/5$

Dimensión mayor en planta (mm)	a	400.00							
	a/10	40.00							
	a/5	80.00							
Espesor recomendable de una capa de neopreno (mm)	ti	8.00							
Número máximo de capas de neopreno		5.00							
Espesor total de las capas de neopreno (mm)	t	56.00	cumple a/10	cumple a/5					

Comprobación de deformaciónCondiciones a cumplir: $u \leq 0,7*t$

Desplazamiento del apoyo por cargas lentas (mm)	Combinación	I	II	III	IV	V	VI	SX	SY
	ux	17.86	8.74	17.86	33.96	24.84	33.96	35.06	16.64
	0,7*t	39.20	39.20	39.20	39.20	39.20	39.20	39.20	39.20
	Comprobación	cumple	cumple	cumple	cumple	cumple	cumple	cumple	cumple
	Combinación	I	II	III	IV	V	VI	SX	SY
	uy	0.00	44.09	22.04	0.00	44.09	22.04	7.79	25.97
	0,7*t	39.20	39.20	39.20	39.20	39.20	39.20	39.20	39.20
	Comprobación	cumple	no cumple	cumple	cumple	no cumple	cumple	cumple	cumple

Comprobación espesor de las zunchos

Condición:	e>	2.00	mm									
a (mm)	400.00			Combinación	I	II	III	IV	V	VI	SX	SY
b (mm)	350.00			om (N/ab) (Mpa)	3.50	2.72	3.79	3.50	2.72	3.79	2.13	2.13
t (mm)	56.00			e(mm)	3.57	2.78	3.87	3.57	2.78	3.87	2.18	2.18
S	1.67			Comprobación	cumple	cumple	cumple	cumple	cumple	cumple	cumple	cumple
oe (Mpa)	235.00											
om (N/ab) (Mpa)												
espesor del zuncho	e>2 mm	2.00			Espesor elegido : 4 mm							

Espesor elegido : 4 mm

7.4 APOYOS

7.4.1 Comprobación hundimiento pilotes

TABLE: Element Forces - Frames												
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m
499	0	CAS	Combination	Max	-268.918	4.597	-1.287	1.388E-14	-4.2932	36.463	499-1	0
499	0.25	CAS	Combination	Max	-272.464	4.597	-1.287	1.388E-14	-3.9715	35.3137	499-1	0.25
499	0.5	CAS	Combination	Max	-276.011	4.597	-1.287	1.388E-14	-3.6497	34.1644	499-1	0.5
499	0	CAS	Combination	Min	-268.918	4.597	-1.287	1.388E-14	-4.2932	36.463	499-1	0
499	0.25	CAS	Combination	Min	-272.464	4.597	-1.287	1.388E-14	-3.9715	35.3137	499-1	0.25
499	0.5	CAS	Combination	Min	-276.011	4.597	-1.287	1.388E-14	-3.6497	34.1644	499-1	0.5
519	0	CAS	Combination	Max	-246.179	5.583	-0.492	1.743E-14	-0.101	39.8773	519-1	0
519	0.25	CAS	Combination	Max	-249.726	5.583	-0.492	1.743E-14	0.0221	38.4815	519-1	0.25
519	0.5	CAS	Combination	Max	-253.273	5.583	-0.492	1.743E-14	0.1453	37.0858	519-1	0.5
519	0	CAS	Combination	Min	-246.179	5.583	-0.492	1.743E-14	-0.101	39.8773	519-1	0
519	0.25	CAS	Combination	Min	-249.726	5.583	-0.492	1.743E-14	0.0221	38.4815	519-1	0.25
519	0.5	CAS	Combination	Min	-253.273	5.583	-0.492	1.743E-14	0.1453	37.0858	519-1	0.5
539	0	CAS	Combination	Max	-175.624	6.256	0.331	9.293E-14	4.244	41.5915	539-1	0
539	0.25	CAS	Combination	Max	-179.171	6.256	0.331	9.293E-14	4.1612	40.0275	539-1	0.25
539	0.5	CAS	Combination	Max	-182.717	6.256	0.331	9.293E-14	4.0783	38.4636	539-1	0.5
539	0	CAS	Combination	Min	-175.624	6.256	0.331	9.293E-14	4.244	41.5915	539-1	0
539	0.25	CAS	Combination	Min	-179.171	6.256	0.331	9.293E-14	4.1612	40.0275	539-1	0.25
539	0.5	CAS	Combination	Min	-182.717	6.256	0.331	9.293E-14	4.0783	38.4636	539-1	0.5
559	0	CAS	Combination	Max	-784.993	5.138	-0.797	-1.049E-14	-3.2426	39.3155	559-1	0
559	0.25	CAS	Combination	Max	-788.539	5.138	-0.797	-1.049E-14	-3.0434	38.031	559-1	0.25
559	0.5	CAS	Combination	Max	-792.086	5.138	-0.797	-1.049E-14	-2.8441	36.7465	559-1	0.5
559	0	CAS	Combination	Min	-784.993	5.138	-0.797	-1.049E-14	-3.2426	39.3155	559-1	0
559	0.25	CAS	Combination	Min	-788.539	5.138	-0.797	-1.049E-14	-3.0434	38.031	559-1	0.25
559	0.5	CAS	Combination	Min	-792.086	5.138	-0.797	-1.049E-14	-2.8441	36.7465	559-1	0.5
579	0	CAS	Combination	Max	-771.485	6.669	0.656	-3.442E-15	4.405	45.6026	579-1	0
579	0.25	CAS	Combination	Max	-775.032	6.669	0.656	-3.442E-15	4.241	43.9354	579-1	0.25
579	0.5	CAS	Combination	Max	-778.578	6.669	0.656	-3.442E-15	4.077	42.2682	579-1	0.5
579	0	CAS	Combination	Min	-771.485	6.669	0.656	-3.442E-15	4.405	45.6026	579-1	0
579	0.25	CAS	Combination	Min	-775.032	6.669	0.656	-3.442E-15	4.241	43.9354	579-1	0.25
579	0.5	CAS	Combination	Min	-778.578	6.669	0.656	-3.442E-15	4.077	42.2682	579-1	0.5
599	0	CAS	Combination	Max	-681.982	7.299	1.594	1.07E-13	9.2955	47.0974	599-1	0
599	0.25	CAS	Combination	Max	-685.529	7.299	1.594	1.07E-13	8.8971	45.2726	599-1	0.25
599	0.5	CAS	Combination	Max	-689.075	7.299	1.594	1.07E-13	8.4986	43.4478	599-1	0.5
599	0	CAS	Combination	Min	-681.982	7.299	1.594	1.07E-13	9.2955	47.0974	599-1	0
599	0.25	CAS	Combination	Min	-685.529	7.299	1.594	1.07E-13	8.8971	45.2726	599-1	0.25
599	0.5	CAS	Combination	Min	-689.075	7.299	1.594	1.07E-13	8.4986	43.4478	599-1	0.5
619	0	CAS	Combination	Max	-812.953	-5.157	-0.755	1.332E-15	-3.0251	-38.4792	619-1	0
619	0.25	CAS	Combination	Max	-816.5	-5.157	-0.755	1.332E-15	-2.8363	-37.1901	619-1	0.25
619	0.5	CAS	Combination	Max	-820.046	-5.157	-0.755	1.332E-15	-2.6474	-35.9009	619-1	0.5
619	0	CAS	Combination	Min	-812.953	-5.157	-0.755	1.332E-15	-3.0251	-38.4792	619-1	0
619	0.25	CAS	Combination	Min	-816.5	-5.157	-0.755	1.332E-15	-2.8363	-37.1901	619-1	0.25
619	0.5	CAS	Combination	Min	-820.046	-5.157	-0.755	1.332E-15	-2.6474	-35.9009	619-1	0.5
639	0	CAS	Combination	Max	-793.887	-6.602	0.628	-3.508E-14	4.542	-44.6072	639-1	0
639	0.25	CAS	Combination	Max	-797.434	-6.602	0.628	-3.508E-14	4.3849	-42.9566	639-1	0.25
639	0.5	CAS	Combination	Max	-800.98	-6.602	0.628	-3.508E-14	4.2279	-41.3061	639-1	0.5
639	0	CAS	Combination	Min	-793.887	-6.602	0.628	-3.508E-14	4.542	-44.6072	639-1	0

TABLE: Element Forces - Frames

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m
639	0.25	CAS	Combination	Min	-797.434	-6.602	0.628	-3.508E-14	4.3849	-42.9566	639-1	0.25
639	0.5	CAS	Combination	Min	-800.98	-6.602	0.628	-3.508E-14	4.2279	-41.3061	639-1	0.5
659	0	CAS	Combination	Max	-698.346	-7.286	1.519	-2.043E-14	9.3815	-46.5341	659-1	0
659	0.25	CAS	Combination	Max	-701.893	-7.286	1.519	-2.043E-14	9.0017	-44.7125	659-1	0.25
659	0.5	CAS	Combination	Max	-705.44	-7.286	1.519	-2.043E-14	8.6218	-42.8909	659-1	0.5
659	0	CAS	Combination	Min	-698.346	-7.286	1.519	-2.043E-14	9.3815	-46.5341	659-1	0
659	0.25	CAS	Combination	Min	-701.893	-7.286	1.519	-2.043E-14	9.0017	-44.7125	659-1	0.25
659	0.5	CAS	Combination	Min	-705.44	-7.286	1.519	-2.043E-14	8.6218	-42.8909	659-1	0.5
679	0	CAS	Combination	Max	-317.153	-4.628	-1.233	-4.974E-14	-4.101	-35.5823	679-1	0
679	0.25	CAS	Combination	Max	-320.7	-4.628	-1.233	-4.974E-14	-3.7928	-34.4253	679-1	0.25
679	0.5	CAS	Combination	Max	-324.246	-4.628	-1.233	-4.974E-14	-3.4846	-33.2684	679-1	0.5
679	0	CAS	Combination	Min	-317.153	-4.628	-1.233	-4.974E-14	-4.101	-35.5823	679-1	0
679	0.25	CAS	Combination	Min	-320.7	-4.628	-1.233	-4.974E-14	-3.7928	-34.4253	679-1	0.25
679	0.5	CAS	Combination	Min	-324.246	-4.628	-1.233	-4.974E-14	-3.4846	-33.2684	679-1	0.5
699	0	CAS	Combination	Max	-288.684	-5.576	-0.49	-4.019E-14	-0.0308	-38.988	699-1	0
699	0.25	CAS	Combination	Max	-292.231	-5.576	-0.49	-4.019E-14	0.0917	-37.594	699-1	0.25
699	0.5	CAS	Combination	Max	-295.777	-5.576	-0.49	-4.019E-14	0.2141	-36.2	699-1	0.5
699	0	CAS	Combination	Min	-288.684	-5.576	-0.49	-4.019E-14	-0.0308	-38.988	699-1	0
699	0.25	CAS	Combination	Min	-292.231	-5.576	-0.49	-4.019E-14	0.0917	-37.594	699-1	0.25
699	0.5	CAS	Combination	Min	-295.777	-5.576	-0.49	-4.019E-14	0.2141	-36.2	699-1	0.5
719	0	CAS	Combination	Max	-210.705	-6.292	0.326	4.019E-14	4.4356	-41.0854	719-1	0
719	0.25	CAS	Combination	Max	-214.251	-6.292	0.326	4.019E-14	4.3541	-39.5124	719-1	0.25
719	0.5	CAS	Combination	Max	-217.798	-6.292	0.326	4.019E-14	4.2727	-37.9394	719-1	0.5
719	0	CAS	Combination	Min	-210.705	-6.292	0.326	4.019E-14	4.4356	-41.0854	719-1	0
719	0.25	CAS	Combination	Min	-214.251	-6.292	0.326	4.019E-14	4.3541	-39.5124	719-1	0.25
719	0.5	CAS	Combination	Min	-217.798	-6.292	0.326	4.019E-14	4.2727	-37.9394	719-1	0.5
MÁX					-175.624							
MÍN					-820.046							
C.S.					3							
MINORACIÓN					1.1							
Ncálculo					2236.49							

TABLE: Element Forces - Frames

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m
499	0	CAR	Combination	Max	-138.947	-8.628	20.711	5.168E-13	69.0831	-2.0035	499-1	0
499	0.25	CAR	Combination	Max	-142.494	-8.628	20.711	5.168E-13	63.9054	0.1536	499-1	0.25
499	0.5	CAR	Combination	Max	-146.04	-8.628	20.711	5.168E-13	58.7277	2.3106	499-1	0.5
499	0	CAR	Combination	Min	-222.475	-22.644	8.574	2.632E-13	27.4805	-58.1783	499-1	0
499	0.25	CAR	Combination	Min	-226.022	-22.644	8.574	2.632E-13	25.3369	-52.5174	499-1	0.25
499	0.5	CAR	Combination	Min	-229.568	-22.644	8.574	2.632E-13	23.1933	-46.8565	499-1	0.5
519	0	CAR	Combination	Max	-242.18	7.305	21.158	5.19E-13	71.439	54.2983	519-1	0
519	0.25	CAR	Combination	Max	-245.726	7.305	21.158	5.19E-13	66.1496	52.4719	519-1	0.25
519	0.5	CAR	Combination	Max	-249.273	7.305	21.158	5.19E-13	60.8602	50.6456	519-1	0.5
519	0	CAR	Combination	Min	-264.803	5.213	9.876	2.671E-13	34.3473	40.4185	519-1	0
519	0.25	CAR	Combination	Min	-268.349	5.213	9.876	2.671E-13	31.8784	39.1152	519-1	0.25
519	0.5	CAR	Combination	Min	-271.896	5.213	9.876	2.671E-13	29.4094	37.812	519-1	0.5
539	0	CAR	Combination	Max	-248.642	34.759	21.349	7.73E-13	72.3886	147.4252	539-1	0

TABLE: Element Forces - Frames												
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m
539	0.25	CAR	Combination	Max	-252.189	34.759	21.349	7.73E-13	67.0514	138.7354	539-1	0.25
539	0.5	CAR	Combination	Max	-255.735	34.759	21.349	7.73E-13	61.7142	130.0457	539-1	0.5
539	0	CAR	Combination	Min	-319.185	22.324	10.682	5.165E-13	38.6213	105.8496	539-1	0
539	0.25	CAR	Combination	Min	-322.732	22.324	10.682	5.165E-13	35.9508	100.2687	539-1	0.25
539	0.5	CAR	Combination	Min	-326.278	22.324	10.682	5.165E-13	33.2803	94.6878	539-1	0.5
559	0	CAR	Combination	Max	-694.089	-7.691	43.935	-1.35E-13	149.823	2.9467	559-1	0
559	0.25	CAR	Combination	Max	-697.636	-7.691	43.935	-1.35E-13	138.8393	4.8694	559-1	0.25
559	0.5	CAR	Combination	Max	-701.182	-7.691	43.935	-1.35E-13	127.8555	6.7921	559-1	0.5
559	0	CAR	Combination	Min	-946.601	-22.312	21.508	-2.624E-13	71.7453	-56.4267	559-1	0
559	0.25	CAR	Combination	Min	-950.148	-22.312	21.508	-2.624E-13	66.3682	-50.8487	559-1	0.25
559	0.5	CAR	Combination	Min	-953.694	-22.312	21.508	-2.624E-13	60.9912	-45.2706	559-1	0.5
579	0	CAR	Combination	Max	-810.012	8.925	44.251	-9.426E-14	151.027	62.8417	579-1	0
579	0.25	CAR	Combination	Max	-813.559	8.925	44.251	-9.426E-14	139.9642	60.6105	579-1	0.25
579	0.5	CAR	Combination	Max	-817.105	8.925	44.251	-9.426E-14	128.9015	58.3793	579-1	0.5
579	0	CAR	Combination	Min	-1009.378	6.159	23.453	-1.403E-13	82.0918	45.4084	579-1	0
579	0.25	CAR	Combination	Min	-1012.925	6.159	23.453	-1.403E-13	76.2285	43.8687	579-1	0.25
579	0.5	CAR	Combination	Min	-1016.471	6.159	23.453	-1.403E-13	70.3652	42.3291	579-1	0.5
599	0	CAR	Combination	Max	-911.583	36.561	44.828	7.766E-13	154.0126	156.9231	599-1	0
599	0.25	CAR	Combination	Max	-915.13	36.561	44.828	7.766E-13	142.8056	147.7828	599-1	0.25
599	0.5	CAR	Combination	Max	-918.676	36.561	44.828	7.766E-13	131.5985	138.6425	599-1	0.5
599	0	CAR	Combination	Min	-979.97	24.047	24.446	5.019E-13	87.2591	114.9373	599-1	0
599	0.25	CAR	Combination	Min	-983.517	24.047	24.446	5.019E-13	81.1476	108.9256	599-1	0.25
599	0.5	CAR	Combination	Min	-987.063	24.047	24.446	5.019E-13	75.0361	102.9139	599-1	0.5
619	0	CAR	Combination	Max	-726.275	19.659	43.163	-2.061E-13	154.1892	52.4954	619-1	0
619	0.25	CAR	Combination	Max	-729.821	19.659	43.163	-2.061E-13	143.3985	47.5807	619-1	0.25
619	0.5	CAR	Combination	Max	-733.368	19.659	43.163	-2.061E-13	132.6078	42.666	619-1	0.5
619	0	CAR	Combination	Min	-952.977	1.485	19.931	-4.818E-13	69.536	-20.1262	619-1	0
619	0.25	CAR	Combination	Min	-956.524	1.485	19.931	-4.818E-13	64.5533	-20.4975	619-1	0.25
619	0.5	CAR	Combination	Min	-960.07	1.485	19.931	-4.818E-13	59.5706	-20.8687	619-1	0.5
639	0	CAR	Combination	Max	-827.279	-7.335	43.867	-2.412E-13	157.6017	-48.1672	639-1	0
639	0.25	CAR	Combination	Max	-830.826	-7.335	43.867	-2.412E-13	146.6349	-46.3334	639-1	0.25
639	0.5	CAR	Combination	Max	-834.372	-7.335	43.867	-2.412E-13	135.6681	-44.4996	639-1	0.5
639	0	CAR	Combination	Min	-1010.926	-11.8	21.918	-5.227E-13	80.5093	-70.8312	639-1	0
639	0.25	CAR	Combination	Min	-1014.473	-11.8	21.918	-5.227E-13	75.0299	-67.8811	639-1	0.25
639	0.5	CAR	Combination	Min	-1018.02	-11.8	21.918	-5.227E-13	69.5506	-64.9311	639-1	0.5
659	0	CAR	Combination	Max	-899.151	-23.532	44.343	-1.791E-13	160.157	-113.1354	659-1	0
659	0.25	CAR	Combination	Max	-902.698	-23.532	44.343	-1.791E-13	149.0711	-107.2524	659-1	0.25
659	0.5	CAR	Combination	Max	-906.244	-23.532	44.343	-1.791E-13	137.9853	-101.3694	659-1	0.5
659	0	CAR	Combination	Min	-970.049	-36.137	22.821	-3.86E-13	85.3986	-158.1104	659-1	0
659	0.25	CAR	Combination	Min	-973.596	-36.137	22.821	-3.86E-13	79.6935	-149.0761	659-1	0.25
659	0.5	CAR	Combination	Min	-977.142	-36.137	22.821	-3.86E-13	73.9883	-140.0418	659-1	0.5
679	0	CAR	Combination	Max	-206.912	19.904	21.125	7.222E-13	74.2501	53.8379	679-1	0
679	0.25	CAR	Combination	Max	-210.458	19.904	21.125	7.222E-13	68.9688	48.862	679-1	0.25
679	0.5	CAR	Combination	Max	-214.005	19.904	21.125	7.222E-13	63.6875	43.8861	679-1	0.5
679	0	CAR	Combination	Min	-304.592	2.085	10.197	3.508E-13	35.2783	-16.8406	679-1	0
679	0.25	CAR	Combination	Min	-308.139	2.085	10.197	3.508E-13	32.7291	-17.3619	679-1	0.25
679	0.5	CAR	Combination	Min	-311.686	2.085	10.197	3.508E-13	30.1799	-17.8831	679-1	0.5
699	0	CAR	Combination	Max	-295.664	-6.439	21.719	4.986E-13	77.5016	-43.2575	699-1	0
699	0.25	CAR	Combination	Max	-299.21	-6.439	21.719	4.986E-13	72.0719	-41.6477	699-1	0.25
699	0.5	CAR	Combination	Max	-302.757	-6.439	21.719	4.986E-13	66.6423	-40.0379	699-1	0.5

TABLE: Element Forces - Frames

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m
699	0	CAR	Combination	Min	-330.579	-10.355	11.506	2.939E-13	42.4569	-62.9152	699-1	0
699	0.25	CAR	Combination	Min	-334.126	-10.355	11.506	2.939E-13	39.5804	-60.3264	699-1	0.25
699	0.5	CAR	Combination	Min	-337.672	-10.355	11.506	2.939E-13	36.7038	-57.7376	699-1	0.5
719	0	CAR	Combination	Max	-295.932	-21.982	21.943	5.859E-13	78.6841	-104.6494	719-1	0
719	0.25	CAR	Combination	Max	-299.479	-21.982	21.943	5.859E-13	73.1984	-99.1538	719-1	0.25
719	0.5	CAR	Combination	Max	-303.025	-21.982	21.943	5.859E-13	67.7127	-93.6581	719-1	0.5
719	0	CAR	Combination	Min	-351.124	-34.514	12.212	4.04E-13	46.3418	-149.2264	719-1	0
719	0.25	CAR	Combination	Min	-354.67	-34.514	12.212	4.04E-13	43.2888	-140.5979	719-1	0.25
719	0.5	CAR	Combination	Min	-358.217	-34.514	12.212	4.04E-13	40.2359	-131.9693	719-1	0.5
				MÁX	-138.947							
				MÍN	-1018.02							
				C.S.	2.6							
				MINORACIÓN	1.1							
				Ncálculo	2406.23							

TABLE: Element Forces - Frames

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m
499	0	ACC	Combination	Max	-157.596	25.243	11.142	2.025E-13	37.5082	112.9845	499-1	0
499	0.25	ACC	Combination	Max	-161.142	25.243	11.142	2.025E-13	34.7227	106.8022	499-1	0.25
499	0.5	ACC	Combination	Max	-164.689	25.243	11.142	2.025E-13	31.9372	100.6199	499-1	0.5
499	0	ACC	Combination	Min	-474.36	-14.44	-14.167	-1.698E-13	-47.5973	-27.2965	499-1	0
499	0.25	ACC	Combination	Min	-479.148	-14.44	-14.167	-1.698E-13	-44.0556	-23.815	499-1	0.25
499	0.5	ACC	Combination	Min	-483.936	-14.44	-14.167	-1.698E-13	-40.514	-20.3336	499-1	0.5
519	0	ACC	Combination	Max	-145.093	25.331	11.734	3.253E-13	40.6379	109.5591	519-1	0
519	0.25	ACC	Combination	Max	-148.64	25.331	11.734	3.253E-13	37.7121	103.2263	519-1	0.25
519	0.5	ACC	Combination	Max	-152.187	25.331	11.734	3.253E-13	34.8216	96.8936	519-1	0.5
519	0	ACC	Combination	Min	-433.428	-12.211	-12.892	-2.844E-13	-40.8753	-15.8474	519-1	0
519	0.25	ACC	Combination	Min	-438.216	-12.211	-12.892	-2.844E-13	-37.6601	-12.7947	519-1	0.25
519	0.5	ACC	Combination	Min	-443.004	-12.211	-12.892	-2.844E-13	-34.4802	-9.7419	519-1	0.5
539	0	ACC	Combination	Max	-47.742	33.179	12.251	4.59E-13	44.2287	136.0529	539-1	0
539	0.25	ACC	Combination	Max	-51.289	33.179	12.251	4.59E-13	41.166	127.7581	539-1	0.25
539	0.5	ACC	Combination	Max	-54.835	33.179	12.251	4.59E-13	38.1033	119.4633	539-1	0.5
539	0	ACC	Combination	Min	-364.974	-18.478	-11.472	-2.406E-13	-34.2552	-38.313	539-1	0
539	0.25	ACC	Combination	Min	-369.762	-18.478	-11.472	-2.406E-13	-31.3872	-33.6934	539-1	0.25
539	0.5	ACC	Combination	Min	-374.55	-18.478	-11.472	-2.406E-13	-28.5193	-29.0738	539-1	0.5
559	0	ACC	Combination	Max	-666.733	25.662	23.36	1.12E-13	79.77	117.1713	559-1	0
559	0.25	ACC	Combination	Max	-670.28	25.662	23.36	1.12E-13	73.93	110.7905	559-1	0.25
559	0.5	ACC	Combination	Max	-673.826	25.662	23.36	1.12E-13	68.0899	104.4096	559-1	0.5
559	0	ACC	Combination	Min	-1178	-13.588	-25.234	-1.366E-13	-87.3903	-24.7799	559-1	0
559	0.25	ACC	Combination	Min	-1182.788	-13.588	-25.234	-1.366E-13	-81.0819	-21.4176	559-1	0.25
559	0.5	ACC	Combination	Min	-1187.576	-13.588	-25.234	-1.366E-13	-74.7735	-18.0554	559-1	0.5
579	0	ACC	Combination	Max	-661.527	26.065	24.338	1.189E-13	85.1228	113.3982	579-1	0
579	0.25	ACC	Combination	Max	-665.074	26.065	24.338	1.189E-13	79.0382	106.8818	579-1	0.25
579	0.5	ACC	Combination	Max	-668.62	26.065	24.338	1.189E-13	72.9537	100.3655	579-1	0.5
579	0	ACC	Combination	Min	-1151.463	-10.394	-22.797	-1.27E-13	-74.771	-6.2321	579-1	0
579	0.25	ACC	Combination	Min	-1156.251	-10.394	-22.797	-1.27E-13	-69.0718	-3.6337	579-1	0.25
579	0.5	ACC	Combination	Min	-1161.039	-10.394	-22.797	-1.27E-13	-63.3727	-1.0352	579-1	0.5

599	0	ACC	Combination	Max	-542.313	33.562	25.294	5.35E-13	90.0942	138.0542	599-1	0
599	0.25	ACC	Combination	Max	-545.859	33.562	25.294	5.35E-13	83.7707	129.6636	599-1	0.25
599	0.5	ACC	Combination	Max	-549.406	33.562	25.294	5.35E-13	77.4473	121.273	599-1	0.5
599	0	ACC	Combination	Min	-1060.345	-16.409	-21.548	-2.835E-13	-68.2497	-27.3753	599-1	0
599	0.25	ACC	Combination	Min	-1065.133	-16.409	-21.548	-2.835E-13	-62.8626	-23.273	599-1	0.25
599	0.5	ACC	Combination	Min	-1069.921	-16.409	-21.548	-2.835E-13	-57.4755	-19.1706	599-1	0.5
619	0	ACC	Combination	Max	-704.158	13.983	23.286	2.421E-13	83.4071	28.5882	619-1	0
619	0.25	ACC	Combination	Max	-707.705	13.983	23.286	2.421E-13	77.5857	25.2241	619-1	0.25
619	0.5	ACC	Combination	Max	-711.251	13.983	23.286	2.421E-13	71.7642	21.86	619-1	0.5
619	0	ACC	Combination	Min	-1206.282	-26.101	-25.061	-2.39E-13	-90.5161	-119.0144	619-1	0
619	0.25	ACC	Combination	Min	-1211.07	-26.101	-25.061	-2.39E-13	-84.2509	-112.6208	619-1	0.25
619	0.5	ACC	Combination	Min	-1215.858	-26.101	-25.061	-2.39E-13	-77.9856	-106.2272	619-1	0.5
639	0	ACC	Combination	Max	-693.233	11.039	24.449	2.103E-13	90.0364	13.131	639-1	0
639	0.25	ACC	Combination	Max	-696.78	11.039	24.449	2.103E-13	83.9241	10.3711	639-1	0.25
639	0.5	ACC	Combination	Max	-700.326	11.039	24.449	2.103E-13	77.8119	7.6113	639-1	0.5
639	0	ACC	Combination	Min	-1172.402	-26.555	-22.973	-2.927E-13	-79.3627	-117.9579	639-1	0
639	0.25	ACC	Combination	Min	-1177.19	-26.555	-22.973	-2.927E-13	-73.6195	-111.3192	639-1	0.25
639	0.5	ACC	Combination	Min	-1181.978	-26.555	-22.973	-2.927E-13	-67.8763	-104.6806	639-1	0.5
659	0	ACC	Combination	Max	-572.23	17.144	25.314	2.244E-13	94.719	35.6219	659-1	0
659	0.25	ACC	Combination	Max	-575.777	17.144	25.314	2.244E-13	88.3906	31.3358	659-1	0.25
659	0.5	ACC	Combination	Max	-579.324	17.144	25.314	2.244E-13	82.0621	27.0497	659-1	0.5
659	0	ACC	Combination	Min	-1068.884	-34.267	-21.743	-2.724E-13	-72.6724	-144.977	659-1	0
659	0.25	ACC	Combination	Min	-1073.672	-34.267	-21.743	-2.724E-13	-67.2367	-136.4102	659-1	0.25
659	0.5	ACC	Combination	Min	-1078.46	-34.267	-21.743	-2.724E-13	-61.8009	-127.8434	659-1	0.5
679	0	ACC	Combination	Max	-214.011	14.732	11.025	3.765E-13	39.0673	31.1628	679-1	0
679	0.25	ACC	Combination	Max	-217.557	14.732	11.025	3.765E-13	36.3111	27.6813	679-1	0.25
679	0.5	ACC	Combination	Max	-221.104	14.732	11.025	3.765E-13	33.555	24.1998	679-1	0.5
679	0	ACC	Combination	Min	-531.299	-25.607	-13.921	-4.934E-13	-48.7046	-114.7812	679-1	0
679	0.25	ACC	Combination	Min	-536.087	-25.607	-13.921	-4.934E-13	-45.2242	-108.5808	679-1	0.25
679	0.5	ACC	Combination	Min	-540.875	-25.607	-13.921	-4.934E-13	-41.7439	-102.3805	679-1	0.5
699	0	ACC	Combination	Max	-196.494	12.587	11.663	2.967E-13	42.5694	21.632	699-1	0
699	0.25	ACC	Combination	Max	-200.041	12.587	11.663	2.967E-13	39.6857	18.4853	699-1	0.25
699	0.5	ACC	Combination	Max	-203.587	12.587	11.663	2.967E-13	36.8128	15.3386	699-1	0.5
699	0	ACC	Combination	Min	-481.914	-25.691	-12.814	-3.911E-13	-42.6417	-113.2538	699-1	0
699	0.25	ACC	Combination	Min	-486.702	-25.691	-12.814	-3.911E-13	-39.4703	-106.8311	699-1	0.25
699	0.5	ACC	Combination	Min	-491.49	-25.691	-12.814	-3.911E-13	-36.3097	-100.4085	699-1	0.5
719	0	ACC	Combination	Max	-94.658	18.864	12.222	3.768E-13	46.5567	45.061	719-1	0
719	0.25	ACC	Combination	Max	-98.205	18.864	12.222	3.768E-13	43.5011	40.3451	719-1	0.25
719	0.5	ACC	Combination	Max	-101.751	18.864	12.222	3.768E-13	40.4455	35.6292	719-1	0.5
719	0	ACC	Combination	Min	-400.498	-33.65	-11.457	-2.824E-13	-36.1331	-141.6118	719-1	0
719	0.25	ACC	Combination	Min	-405.286	-33.65	-11.457	-2.824E-13	-33.2689	-133.1993	719-1	0.25
719	0.5	ACC	Combination	Min	-410.074	-33.65	-11.457	-2.824E-13	-30.4047	-124.7869	719-1	0.5

MÁX -47.742

MÍN -1215.858

C.S. 2.2

MINORACIÓN 1.25

Ncálculo 2139.91

7.4.2 Comprobación resistencia pilotes

TABLE: Element Forces - Frames												
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	M _d	V _d
499	0	ELU	Combination	Max	-74.685	25.243	31.481	7.662E-13	105.0727	112.9845	154.291	40.352
499	0.25	ELU	Combination	Max	-78.231	25.243	31.481	7.662E-13	97.2024	106.8022	144.413	40.352
499	0.5	ELU	Combination	Max	-81.778	25.243	31.481	7.662E-13	89.332	100.6199	134.553	40.352
499	0	ELU	Combination	Min	-474.36	-35.896	-14.167	-1.698E-13	-47.5973	-104.681	114.994	38.591
499	0.25	ELU	Combination	Min	-479.148	-35.896	-14.167	-1.698E-13	-44.0556	-95.7071	105.360	38.591
499	0.5	ELU	Combination	Min	-483.936	-35.896	-14.167	-1.698E-13	-40.514	-86.7331	95.729	38.591
499	0	ACC	Combination	Max	-157.596	25.243	11.142	2.025E-13	37.5082	112.9845	119.048	27.593
499	0.25	ACC	Combination	Max	-161.142	25.243	11.142	2.025E-13	34.7227	106.8022	112.305	27.593
499	0.5	ACC	Combination	Max	-164.689	25.243	11.142	2.025E-13	31.9372	100.6199	105.567	27.593
499	0	ACC	Combination	Min	-474.36	-14.44	-14.167	-1.698E-13	-47.5973	-27.2965	54.869	20.229
499	0.25	ACC	Combination	Min	-479.148	-14.44	-14.167	-1.698E-13	-44.0556	-23.815	50.080	20.229
499	0.5	ACC	Combination	Min	-483.936	-14.44	-14.167	-1.698E-13	-40.514	-20.3336	45.330	20.229
519	0	ELU	Combination	Max	-145.093	25.331	31.718	7.69E-13	106.319	109.5591	152.666	40.592
519	0.25	ELU	Combination	Max	-148.64	25.331	31.718	7.69E-13	98.3973	103.2263	142.610	40.592
519	0.5	ELU	Combination	Max	-152.187	25.331	31.718	7.69E-13	90.5109	96.8936	132.592	40.592
519	0	ELU	Combination	Min	-433.428	-12.211	-12.892	-2.844E-13	-40.8753	-15.8474	43.840	17.757
519	0.25	ELU	Combination	Min	-438.216	-12.211	-12.892	-2.844E-13	-37.6601	-12.7947	39.774	17.757
519	0.5	ELU	Combination	Min	-443.004	-12.211	-12.892	-2.844E-13	-34.4802	-9.7419	35.830	17.757
519	0	ACC	Combination	Max	-145.093	25.331	11.734	3.253E-13	40.6379	109.5591	116.853	27.917
519	0.25	ACC	Combination	Max	-148.64	25.331	11.734	3.253E-13	37.7121	103.2263	109.899	27.917
519	0.5	ACC	Combination	Max	-152.187	25.331	11.734	3.253E-13	34.8216	96.8936	102.961	27.917
519	0	ACC	Combination	Min	-433.428	-12.211	-12.892	-2.844E-13	-40.8753	-15.8474	43.840	17.757
519	0.25	ACC	Combination	Min	-438.216	-12.211	-12.892	-2.844E-13	-37.6601	-12.7947	39.774	17.757
519	0.5	ACC	Combination	Min	-443.004	-12.211	-12.892	-2.844E-13	-34.4802	-9.7419	35.830	17.757
539	0	ELU	Combination	Max	-47.742	50.653	31.696	1.13E-12	106.9887	212.51	237.922	59.753
539	0.25	ELU	Combination	Max	-51.289	50.653	31.696	1.13E-12	99.0647	199.8467	223.053	59.753
539	0.5	ELU	Combination	Max	-54.835	50.653	31.696	1.13E-12	91.1407	187.1834	208.193	59.753
539	0	ELU	Combination	Min	-450.386	-18.478	-11.472	-2.406E-13	-34.2552	-38.313	51.394	21.750
539	0.25	ELU	Combination	Min	-455.173	-18.478	-11.472	-2.406E-13	-31.3872	-33.6934	46.048	21.750
539	0.5	ELU	Combination	Min	-459.961	-18.478	-11.472	-2.406E-13	-28.5193	-29.0738	40.726	21.750
539	0	ACC	Combination	Max	-47.742	33.179	12.251	4.59E-13	44.2287	136.0529	143.061	35.369
539	0.25	ACC	Combination	Max	-51.289	33.179	12.251	4.59E-13	41.166	127.7581	134.227	35.369
539	0.5	ACC	Combination	Max	-54.835	33.179	12.251	4.59E-13	38.1033	119.4633	125.393	35.369
539	0	ACC	Combination	Min	-364.974	-18.478	-11.472	-2.406E-13	-34.2552	-38.313	51.394	21.750
539	0.25	ACC	Combination	Min	-369.762	-18.478	-11.472	-2.406E-13	-31.3872	-33.6934	46.048	21.750
539	0.5	ACC	Combination	Min	-374.55	-18.478	-11.472	-2.406E-13	-28.5193	-29.0738	40.726	21.750
559	0	ELU	Combination	Max	-636.822	25.662	65.69	1.12E-13	224.3379	117.1713	253.094	70.525
559	0.25	ELU	Combination	Max	-640.368	25.662	65.69	1.12E-13	207.9155	110.7905	235.592	70.525
559	0.5	ELU	Combination	Max	-643.915	25.662	65.69	1.12E-13	191.493	104.4096	218.108	70.525
559	0	ELU	Combination	Min	-1272.613	-35.697	-25.234	-3.886E-13	-87.3903	-103.6271	135.557	43.715
559	0.25	ELU	Combination	Min	-1277.401	-35.697	-25.234	-3.886E-13	-81.0819	-94.7028	124.671	43.715
559	0.5	ELU	Combination	Min	-1282.189	-35.697	-25.234	-3.886E-13	-74.7735	-85.7785	113.794	43.715
559	0	ACC	Combination	Max	-666.733	25.662	23.36	1.12E-13	79.77	117.1713	141.748	34.702
559	0.25	ACC	Combination	Max	-670.28	25.662	23.36	1.12E-13	73.93	110.7905	133.192	34.702
559	0.5	ACC	Combination	Max	-673.826	25.662	23.36	1.12E-13	68.0899	104.4096	124.650	34.702
559	0	ACC	Combination	Min	-1178	-13.588	-25.234	-1.366E-13	-87.3903	-24.7799	90.836	28.660
559	0.25	ACC	Combination	Min	-1182.788	-13.588	-25.234	-1.366E-13	-81.0819	-21.4176	83.863	28.660
559	0.5	ACC	Combination	Min	-1187.576	-13.588	-25.234	-1.366E-13	-74.7735	-18.0554	76.923	28.660
579	0	ELU	Combination	Max	-661.527	26.065	65.612	1.189E-13	223.5726	113.3982	250.687	70.600
579	0.25	ELU	Combination	Max	-665.074	26.065	65.612	1.189E-13	207.1696	106.8818	233.116	70.600

TABLE: Element Forces - Frames												
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	M _d	V _d
579	0.5	ELU	Combination	Max	-668.62	26.065	65.612	1.189E-13	190.7666	100.3655	215.558	70.600
579	0	ELU	Combination	Min	-1363.264	-10.394	-22.797	-2.065E-13	-74.771	-6.2321	75.030	25.055
579	0.25	ELU	Combination	Min	-1368.051	-10.394	-22.797	-2.065E-13	-69.0718	-3.6337	69.167	25.055
579	0.5	ELU	Combination	Min	-1372.839	-10.394	-22.797	-2.065E-13	-63.3727	-1.0352	63.381	25.055
579	0	ACC	Combination	Max	-661.527	26.065	24.338	1.189E-13	85.1228	113.3982	141.792	35.661
579	0.25	ACC	Combination	Max	-665.074	26.065	24.338	1.189E-13	79.0382	106.8818	132.931	35.661
579	0.5	ACC	Combination	Max	-668.62	26.065	24.338	1.189E-13	72.9537	100.3655	124.079	35.661
579	0	ACC	Combination	Min	-1151.463	-10.394	-22.797	-1.27E-13	-74.771	-6.2321	75.030	25.055
579	0.25	ACC	Combination	Min	-1156.251	-10.394	-22.797	-1.27E-13	-69.0718	-3.6337	69.167	25.055
579	0.5	ACC	Combination	Min	-1161.039	-10.394	-22.797	-1.27E-13	-63.3727	-1.0352	63.381	25.055
599	0	ELU	Combination	Max	-542.313	53.165	66.323	1.135E-12	227.2418	225.7458	320.312	85.002
599	0.25	ELU	Combination	Max	-545.859	53.165	66.323	1.135E-12	210.6611	212.4546	299.191	85.002
599	0.5	ELU	Combination	Max	-549.406	53.165	66.323	1.135E-12	194.0804	199.1634	278.089	85.002
599	0	ELU	Combination	Min	-1350.167	-16.409	-21.548	-2.835E-13	-68.2497	-27.3753	73.535	27.085
599	0.25	ELU	Combination	Min	-1354.955	-16.409	-21.548	-2.835E-13	-62.8626	-23.273	67.032	27.085
599	0.5	ELU	Combination	Min	-1359.743	-16.409	-21.548	-2.835E-13	-57.4755	-19.1706	60.588	27.085
599	0	ACC	Combination	Max	-542.313	33.562	25.294	5.35E-13	90.0942	138.0542	164.851	42.026
599	0.25	ACC	Combination	Max	-545.859	33.562	25.294	5.35E-13	83.7707	129.6636	154.370	42.026
599	0.5	ACC	Combination	Max	-549.406	33.562	25.294	5.35E-13	77.4473	121.273	143.893	42.026
599	0	ACC	Combination	Min	-1060.345	-16.409	-21.548	-2.835E-13	-68.2497	-27.3753	73.535	27.085
599	0.25	ACC	Combination	Min	-1065.133	-16.409	-21.548	-2.835E-13	-62.8626	-23.273	67.032	27.085
599	0.5	ACC	Combination	Min	-1069.921	-16.409	-21.548	-2.835E-13	-57.4755	-19.1706	60.588	27.085
619	0	ELU	Combination	Max	-672.699	32.094	64.605	2.421E-13	231.0302	98.439	251.128	72.138
619	0.25	ELU	Combination	Max	-676.246	32.094	64.605	2.421E-13	214.8789	90.4155	233.126	72.138
619	0.5	ELU	Combination	Max	-679.792	32.094	64.605	2.421E-13	198.7277	82.3919	215.130	72.138
619	0	ELU	Combination	Min	-1281.931	-26.101	-25.061	-7.192E-13	-90.5161	-119.0144	149.525	36.184
619	0.25	ELU	Combination	Min	-1286.719	-26.101	-25.061	-7.192E-13	-84.2509	-112.6208	140.647	36.184
619	0.5	ELU	Combination	Min	-1291.507	-26.101	-25.061	-7.192E-13	-77.9856	-106.2272	131.780	36.184
619	0	ACC	Combination	Max	-704.158	13.983	23.286	2.421E-13	83.4071	28.5882	88.170	27.162
619	0.25	ACC	Combination	Max	-707.705	13.983	23.286	2.421E-13	77.5857	25.2241	81.583	27.162
619	0.5	ACC	Combination	Max	-711.251	13.983	23.286	2.421E-13	71.7642	21.86	75.020	27.162
619	0	ACC	Combination	Min	-1206.282	-26.101	-25.061	-2.39E-13	-90.5161	-119.0144	149.525	36.184
619	0.25	ACC	Combination	Min	-1211.07	-26.101	-25.061	-2.39E-13	-84.2509	-112.6208	140.647	36.184
619	0.5	ACC	Combination	Min	-1215.858	-26.101	-25.061	-2.39E-13	-77.9856	-106.2272	131.780	36.184
639	0	ELU	Combination	Max	-693.233	11.039	65.136	2.103E-13	233.6627	13.131	234.031	66.065
639	0.25	ELU	Combination	Max	-696.78	11.039	65.136	2.103E-13	217.3786	10.3711	217.626	66.065
639	0.5	ELU	Combination	Max	-700.326	11.039	65.136	2.103E-13	201.0945	7.6113	201.238	66.065
639	0	ELU	Combination	Min	-1365.57	-26.555	-22.973	-7.745E-13	-79.3627	-117.9579	142.171	35.113
639	0.25	ELU	Combination	Min	-1370.358	-26.555	-22.973	-7.745E-13	-73.6195	-111.3192	133.461	35.113
639	0.5	ELU	Combination	Min	-1375.146	-26.555	-22.973	-7.745E-13	-67.8763	-104.6806	124.761	35.113
639	0	ACC	Combination	Max	-693.233	11.039	24.449	2.103E-13	90.0364	13.131	90.989	26.826
639	0.25	ACC	Combination	Max	-696.78	11.039	24.449	2.103E-13	83.9241	10.3711	84.562	26.826
639	0.5	ACC	Combination	Max	-700.326	11.039	24.449	2.103E-13	77.8119	7.6113	78.183	26.826
639	0	ACC	Combination	Min	-1172.402	-26.555	-22.973	-2.927E-13	-79.3627	-117.9579	142.171	35.113
639	0.25	ACC	Combination	Min	-1177.19	-26.555	-22.973	-2.927E-13	-73.6195	-111.3192	133.461	35.113
639	0.5	ACC	Combination	Min	-1181.978	-26.555	-22.973	-2.927E-13	-67.8763	-104.6806	124.761	35.113
659	0	ELU	Combination	Max	-572.23	17.144	65.704	2.244E-13	236.7031	35.6219	239.368	67.904
659	0.25	ELU	Combination	Max	-575.777	17.144	65.704	2.244E-13	220.277	31.3358	222.495	67.904
659	0.5	ELU	Combination	Max	-579.324	17.144	65.704	2.244E-13	203.8508	27.0497	205.638	67.904
659	0	ELU	Combination	Min	-1332.198	-52.557	-21.743	-5.725E-13	-72.6724	-227.7255	239.040	56.877
659	0.25	ELU	Combination	Min	-1336.986	-52.557	-21.743	-5.725E-13	-67.2367	-214.5863	224.873	56.877

TABLE: Element Forces - Frames												
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	M _d	V _d
659	0.5	ELU	Combination	Min	-1341.773	-52.557	-21.743	-5.725E-13	-61.8009	-201.4472	210.714	56.877
659	0	ACC	Combination	Max	-572.23	17.144	25.314	2.244E-13	94.719	35.6219	101.196	30.573
659	0.25	ACC	Combination	Max	-575.777	17.144	25.314	2.244E-13	88.3906	31.3358	93.781	30.573
659	0.5	ACC	Combination	Max	-579.324	17.144	25.314	2.244E-13	82.0621	27.0497	86.405	30.573
659	0	ACC	Combination	Min	-1068.884	-34.267	-21.743	-2.724E-13	-72.6724	-144.977	162.172	40.583
659	0.25	ACC	Combination	Min	-1073.672	-34.267	-21.743	-2.724E-13	-67.2367	-136.4102	152.081	40.583
659	0.5	ACC	Combination	Min	-1078.46	-34.267	-21.743	-2.724E-13	-61.8009	-127.8434	141.997	40.583
679	0	ELU	Combination	Max	-150.627	32.19	31.977	1.096E-12	112.3115	98.9648	149.693	45.373
679	0.25	ELU	Combination	Max	-154.174	32.19	31.977	1.096E-12	104.3173	90.9174	138.377	45.373
679	0.5	ELU	Combination	Max	-157.721	32.19	31.977	1.096E-12	96.3231	82.8699	127.065	45.373
679	0	ELU	Combination	Min	-531.299	-25.607	-13.921	-4.934E-13	-48.7046	-114.7812	124.687	29.146
679	0.25	ELU	Combination	Min	-536.087	-25.607	-13.921	-4.934E-13	-45.2242	-108.5808	117.622	29.146
679	0.5	ELU	Combination	Min	-540.875	-25.607	-13.921	-4.934E-13	-41.7439	-102.3805	110.564	29.146
679	0	ACC	Combination	Max	-214.011	14.732	11.025	3.765E-13	39.0673	31.1628	49.974	18.401
679	0.25	ACC	Combination	Max	-217.557	14.732	11.025	3.765E-13	36.3111	27.6813	45.659	18.401
679	0.5	ACC	Combination	Max	-221.104	14.732	11.025	3.765E-13	33.555	24.1998	41.371	18.401
679	0	ACC	Combination	Min	-531.299	-25.607	-13.921	-4.934E-13	-48.7046	-114.7812	124.687	29.146
679	0.25	ACC	Combination	Min	-536.087	-25.607	-13.921	-4.934E-13	-45.2242	-108.5808	117.622	29.146
679	0.5	ACC	Combination	Min	-540.875	-25.607	-13.921	-4.934E-13	-41.7439	-102.3805	110.564	29.146
699	0	ELU	Combination	Max	-196.494	12.587	32.459	7.56E-13	114.9524	21.632	116.970	34.814
699	0.25	ELU	Combination	Max	-200.041	12.587	32.459	7.56E-13	106.8699	18.4853	108.457	34.814
699	0.5	ELU	Combination	Max	-203.587	12.587	32.459	7.56E-13	98.7981	15.3386	99.982	34.814
699	0	ELU	Combination	Min	-481.914	-25.691	-12.814	-3.911E-13	-42.6417	-113.2538	121.015	28.709
699	0.25	ELU	Combination	Min	-486.702	-25.691	-12.814	-3.911E-13	-39.4703	-106.8311	113.889	28.709
699	0.5	ELU	Combination	Min	-491.49	-25.691	-12.814	-3.911E-13	-36.3097	-100.4085	106.772	28.709
699	0	ACC	Combination	Max	-196.494	12.587	11.663	2.967E-13	42.5694	21.632	47.750	17.160
699	0.25	ACC	Combination	Max	-200.041	12.587	11.663	2.967E-13	39.6857	18.4853	43.780	17.160
699	0.5	ACC	Combination	Max	-203.587	12.587	11.663	2.967E-13	36.8128	15.3386	39.881	17.160
699	0	ACC	Combination	Min	-481.914	-25.691	-12.814	-3.911E-13	-42.6417	-113.2538	121.015	28.709
699	0.25	ACC	Combination	Min	-486.702	-25.691	-12.814	-3.911E-13	-39.4703	-106.8311	113.889	28.709
699	0.5	ACC	Combination	Min	-491.49	-25.691	-12.814	-3.911E-13	-36.3097	-100.4085	106.772	28.709
719	0	ELU	Combination	Max	-94.658	18.864	32.496	8.592E-13	116.0155	45.061	124.459	37.574
719	0.25	ELU	Combination	Max	-98.205	18.864	32.496	8.592E-13	107.8916	40.3451	115.188	37.574
719	0.5	ELU	Combination	Max	-101.751	18.864	32.496	8.592E-13	99.7677	35.6292	105.939	37.574
719	0	ELU	Combination	Min	-492.11	-50.3	-11.457	-2.824E-13	-36.1331	-215.3778	218.388	51.588
719	0.25	ELU	Combination	Min	-496.898	-50.3	-11.457	-2.824E-13	-33.2689	-202.8027	205.513	51.588
719	0.5	ELU	Combination	Min	-501.685	-50.3	-11.457	-2.824E-13	-30.4047	-190.2276	192.642	51.588
719	0	ACC	Combination	Max	-94.658	18.864	12.222	3.768E-13	46.5567	45.061	64.792	22.477
719	0.25	ACC	Combination	Max	-98.205	18.864	12.222	3.768E-13	43.5011	40.3451	59.330	22.477
719	0.5	ACC	Combination	Max	-101.751	18.864	12.222	3.768E-13	40.4455	35.6292	53.901	22.477
719	0	ACC	Combination	Min	-400.498	-33.65	-11.457	-2.824E-13	-36.1331	-141.6118	146.149	35.547
719	0.25	ACC	Combination	Min	-405.286	-33.65	-11.457	-2.824E-13	-33.2689	-133.1993	137.291	35.547
719	0.5	ACC	Combination	Min	-410.074	-33.65	-11.457	-2.824E-13	-30.4047	-124.7869	128.438	35.547
					máx	-47.742					320.31	85.00
					mín	-1375.146					35.83	17.16

**PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08**

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra: PIF CÁDIZ

Fecha: 02/12/2019

Hora: 10:06:17

Cálculo de secciones a cortante**1 Datos****- Materiales**

Tipo de hormigón : HA-25
Tipo de acero : B-500-S
fck [MPa] = 25.00
fyk [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

- Control del hormigón

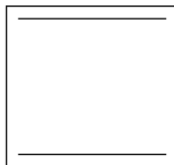
Control normal

- Tipo de elemento estructural

Tipo : elemento sin armadura a cortante

- Sección

Sección : PILOTE_V
b0 [m] = 0.70
h [m] = 0.65

**2 Comprobación**

ρ_l [.1.E-3] = 4
Nd [kN] = 0.0
Vu [kN] = 208.0

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**PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08**

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra: EHE
Fecha: 02/12/2019

Hora: 10:04:09

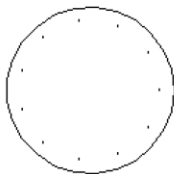
Cálculo de secciones a flexión compuesta recta

1 Datos**- Materiales**

Tipo de hormigón : HA-25
Tipo de acero : B-500-S
fck [MPa] = 25.00
fyk [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

- Sección

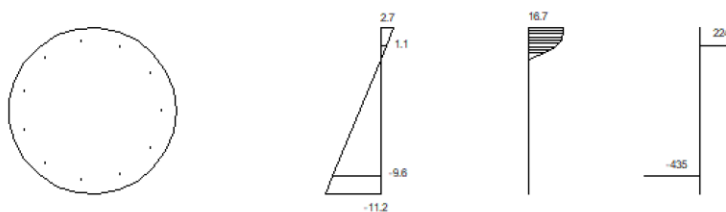
Sección : 850
 ϕ [m] = 0.85
r [m] = 0.070
nº barras = 11



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2 Comprobación

ϕ [mm] = 20
 N_d [kN] = 0
 M_d [kN·m] = 319.76
 N_u [kN] = -0.0
 M_u [kN·m] = 493.1
 γ = 1.54



Plano de deformación de agotamiento

x [m] = 0.165
 $1/r$ [1/m] · 1.E-3 = 16.4
 ϵ_s · 1.E-3 = 2.7
 ϵ_i · 1.E-3 = -11.2

Deformación y tensión de armaduras superior e inferior

Profundidad [m]	Deformación · 1.E ⁻³	Tensión [MPa]
0.097	1.1	-223.5
0.753	-9.6	434.8

7.4.3 Comprobación encepado

TABLE: Section Cut Forces - Analysis

SectionCut	OutputCase	CaseType	StepType	F1	F2	F3	M1	M2	M3
Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
Nd_e_dcha	ELU	Combination	Max	74.151	104.465	2341.286	4063.1692	759.1892	361.8083
Nd_e_dcha	ELU	Combination	Min	-154.999	-290.693	1135.441	997.7139	-59.8542	-184.3978
Nd_e_izq	ELU	Combination	Max	149.476	104.486	2437.15	4307.3066	101.2285	162.9235
Nd_e_izq	ELU	Combination	Min	-68.627	-290.76	1206.451	895.8824	-910.7875	-355.781

Encepado estribos. Modelo de bielas y tirantes

Canto del encepado	H	1.2	m
Recubrimiento mecánico	r	0.1	m
Canto útil	d	1.1	m
Acero	f_{yk}	500.0	N/mm ²
Coefficiente seguridad acero		1.2	
Hormigón	f_{ck}	25.0	N/mm ²
Coefficiente seguridad hormigón		1.5	

Armadura principal en bandas de pilotes

Tracción de diseño	T_d	2128.5	kN
Franjas reparto	n	3.0	
Tracción por franja		709.5	kN
Armadura necesaria por franja	A_s	1631.81	mm ²
Barras	nº	9.0	
Diámetro	ϕ	20	mm
Armadura	A_s	2826	mm ²
		ok	

Armadura entre bandas

Fracción de la armadura principal		0.25	
Armadura	A_s	706.5	mm ²
Ancho de reparto		1.7	m
Diámetro	ϕ	16	mm
Separación	sep	20.0	mm
Barras	nº	9	
Armadura	A_s	1809	mm ²
		ok	

Agotamiento por compresión

Resistencia a compresión	f_{tcd}	10	N/mm ²
Ancho neto	b_0	850	mm
Ángulo de la armadura	α	90	°
Ángulo de las bielas	θ	47.7	°
	K	1	
Canto útil	d	1100	mm
Resistencia a compresión	V_{u1}	4654.3	kN
Compresión de diseño		3164	kN
		ok	

Agotamiento por tracción

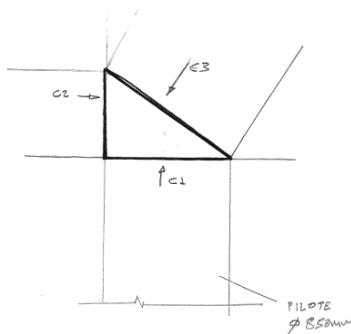
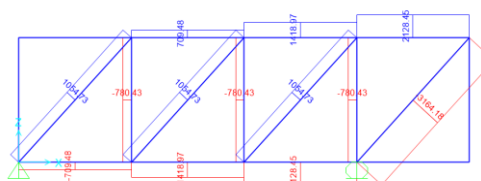
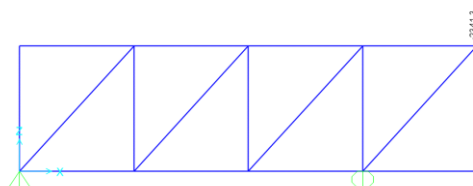
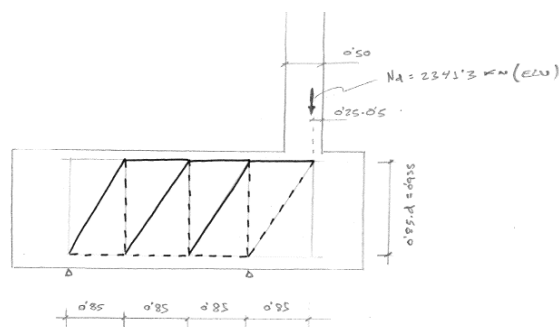
Resistencia a cortante	f_{cv}	25.0	N/mm ²
	ξ	1.426	
Cuantía de la armadura a tracción	ρ_t	0.0030	
	$\cotg \theta$	0.9099	
	$\cotg \theta_s$	1	
	β	1.09	
Agotamiento por tracción hormigón	V_{cu}	261.7	kN
Armadura transversal	nº cercos	2	
	ϕ	12	mm
	sep	20	mm
	A_s	2260	mm ² /m
Resistencia de la armadura	V_{su}	973	kN
Resistencia a tracción		1234.5	kN
Tracción de diseño		1055	kN
		ok	

Nudos

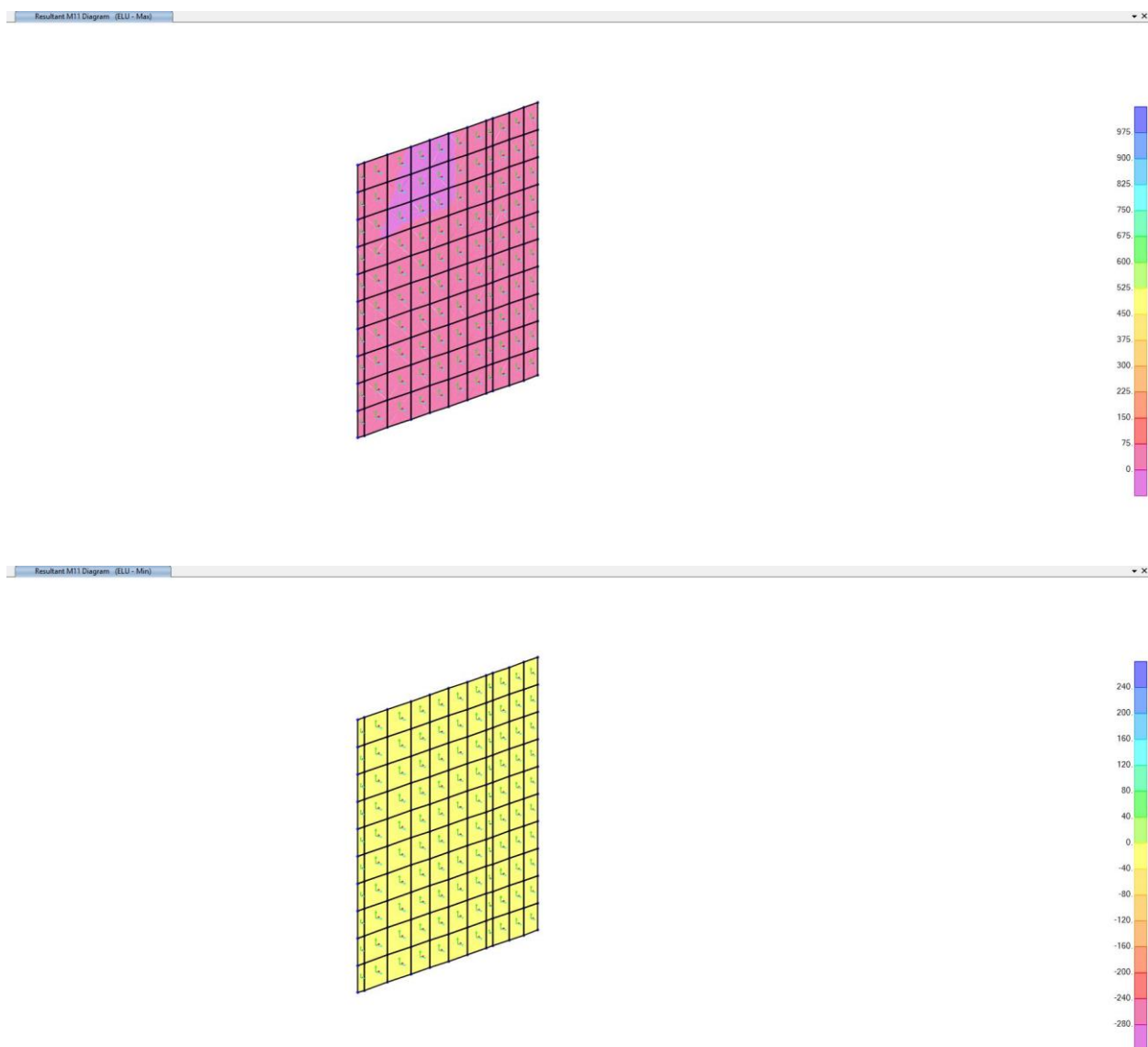
Resistencia a compresión nudos	f_{2cd}	17	N/mm ²
Nudo CCC en el pilote más cargado			
	C3	3164.2	kN
	a3	870.0	mm
	C2	2128.3	kN
	a2	200.0	mm
	C1	3121.7	kN
	a1	850.0	mm

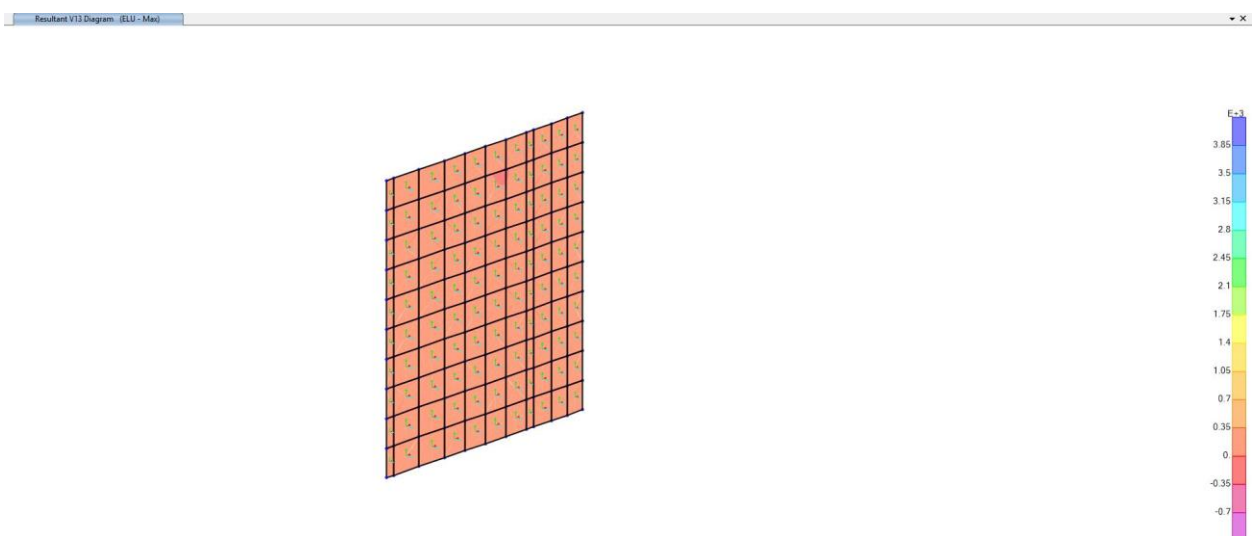
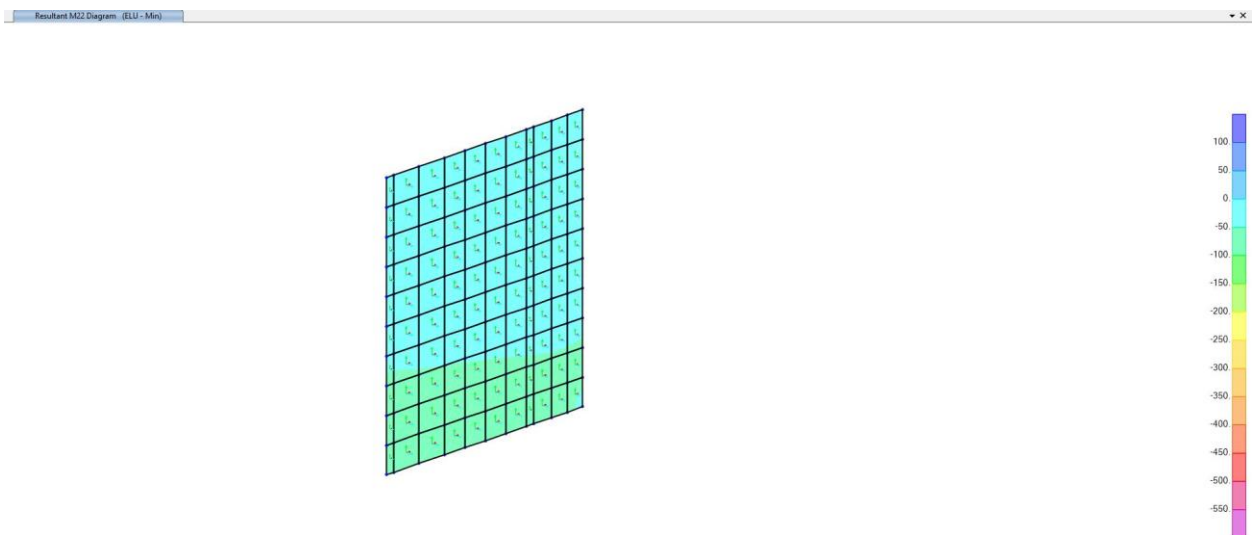
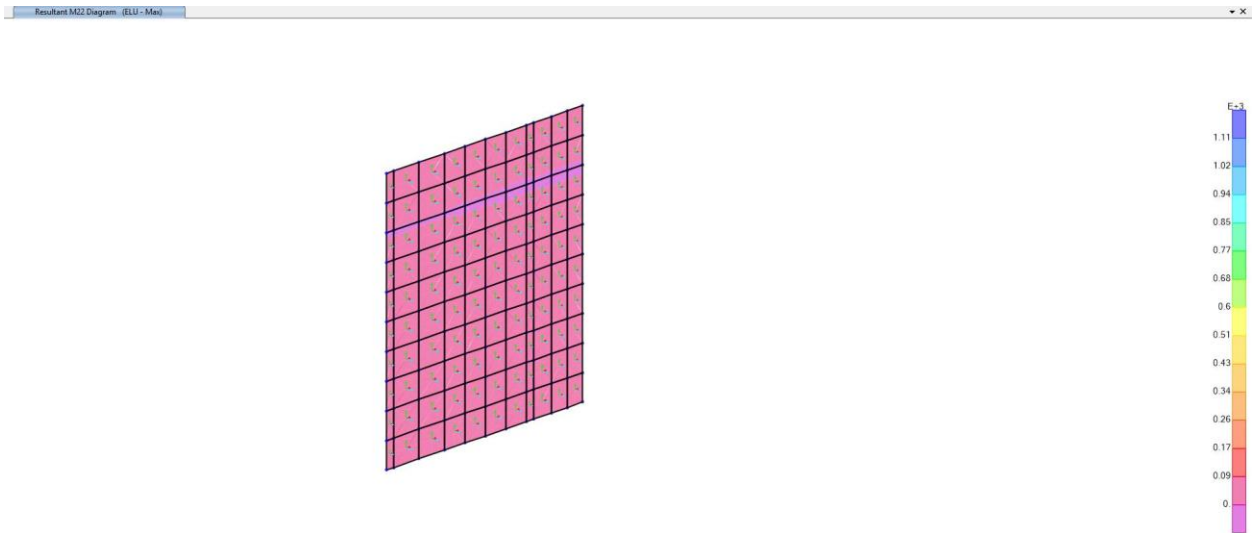
Tensiones de compresión

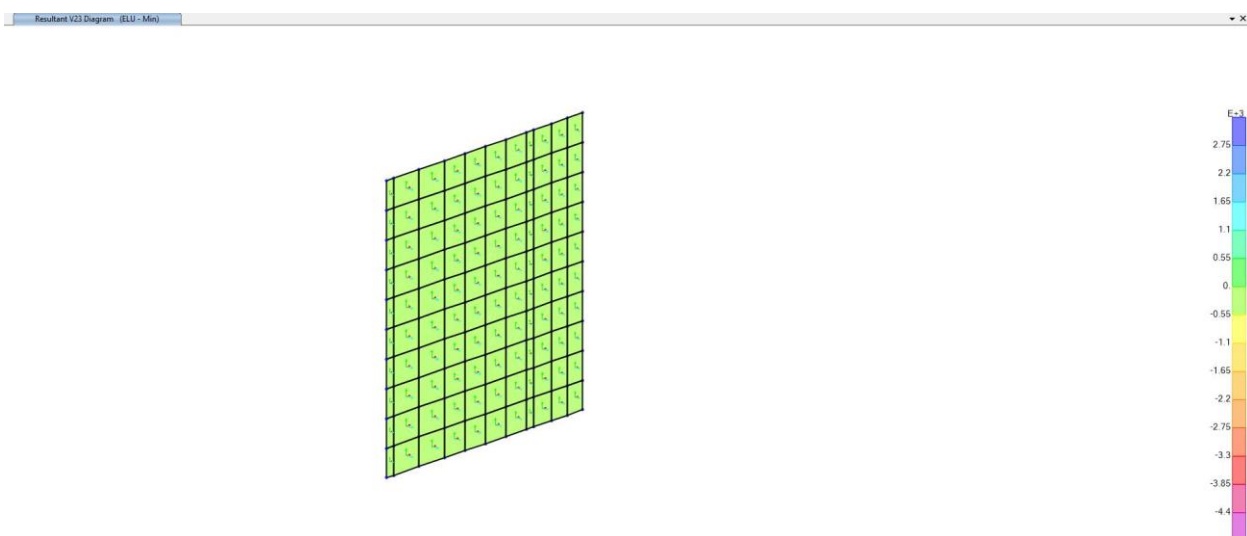
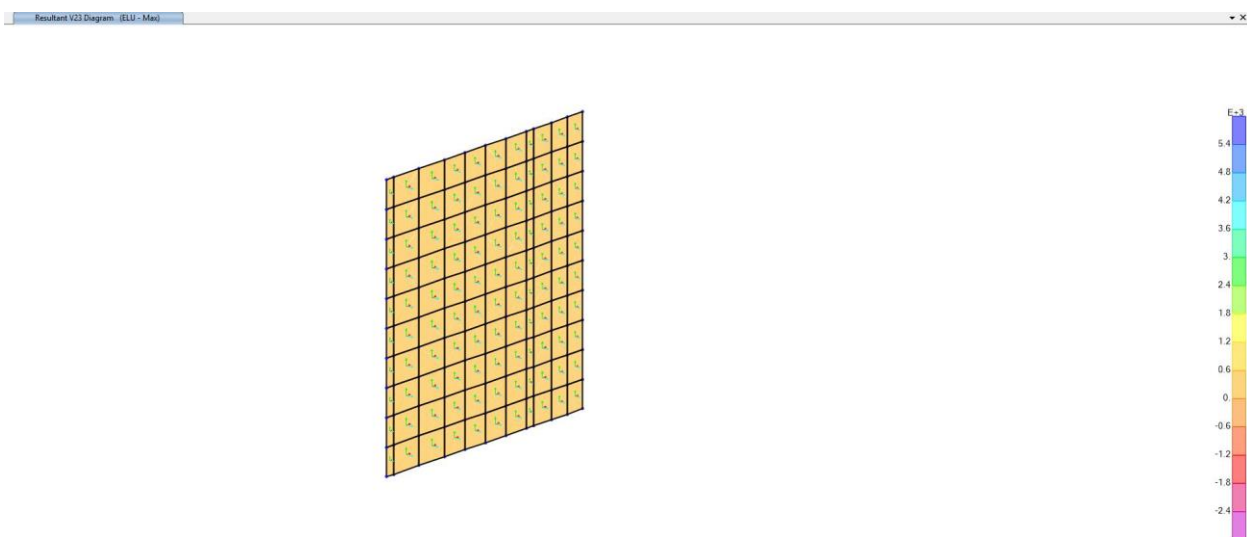
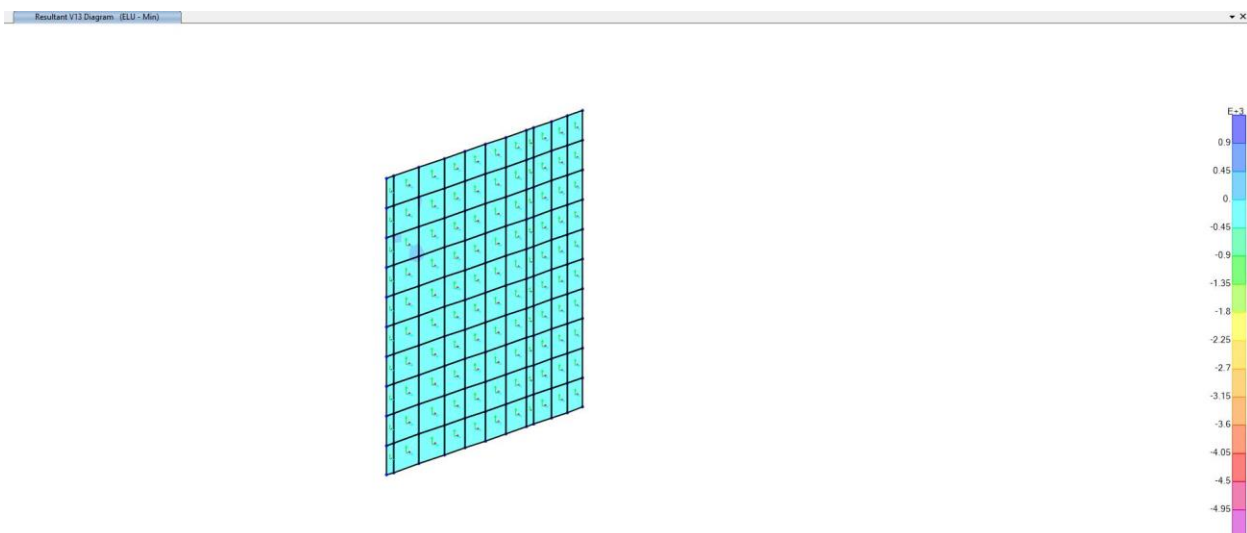
	σ_1	4.28	N/mm ²
	σ_2	12.52	N/mm ²
	σ_3	4.32	N/mm ²
		ok	



7.4.4 Comprobación muros estribos







**PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08**

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra: PIF CÁDIZ

Fecha: 02/12/2019

Hora: 12:40:28

Cálculo de secciones a cortante**1 Datos****- Materiales**

Tipo de hormigón : HA-25
Tipo de acero : B-500-S
fck [MPa] = 25.00
fyk [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

- Control del hormigón

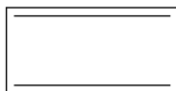
Control normal

- Tipo de elemento estructural

Tipo : elemento sin armadura a cortante

- Sección

Sección : MURO_50
b0 [m] = 1.00
h [m] = 0.50

**2 Comprobación**

ρ_l [.1.E-3] = 2
Nd [kN] = 0.0
Vu [kN] = 242.1

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**PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08**

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra: PIF CÁDIZ

Fecha: 02/12/2019

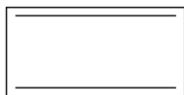
Hora: 12:40:02

Comprobación de secciones a flexión simple**1 Datos****- Materiales**

Tipo de hormigón : HA-25
 Tipo de acero : B-500-S
 f_{ck} [MPa] = 25.00
 f_{yk} [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

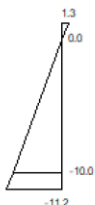
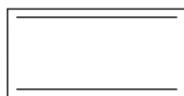
- Sección

Sección : MURO_50
 b [m] = 1.00
 h [m] = 0.50
 r_i [m] = 0.050
 r_s [m] = 0.050

**2 Comprobación**

A_t [cm²] = 10.0
 A_c [cm²] = 10.0

M_u [kN·m] = 187.5



Plano de deformación de agotamiento

x [m] = 0.051
 $1/r$ [1/m] · 1.E-3 = 25.0

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$$\begin{aligned}\epsilon_s \cdot 10^{-3} &= 1.3 \\ \epsilon_i \cdot 10^{-3} &= -11.2\end{aligned}$$

Deformación y tensión de armaduras

Profundidad [m]	Armadura [cm ²]	Deformación $\cdot 10^{-3}$	Tensión [MPa]
0.050	10.0	0.0	-5.4
0.450	10.0	-10.0	434.8

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7.5 Comprobación escaleras de acceso

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PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra:
 Fecha: 11/12/2019
 Hora: 11:47:19

Cálculo de secciones a cortante

1 Datos

- Materiales

Tipo de hormigón : HA-25
 Tipo de acero : B-500-S
 f_{ck} [MPa] = 25.00
 f_{yk} [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

- Control del hormigón

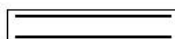
Control normal

- Tipo de elemento estructural

Tipo : elemento sin armadura a cortante

- Sección

Sección : LOSA20
 b_0 [m] = 1.00
 h [m] = 0.20



2 Comprobación

ρ_l [-1.E-3] = 3
 N_d [kN] = 0.0
 V_u [kN] = 113.1

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PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra:
Fecha: 11/12/2019
Hora: 11:46:33

Comprobación de secciones a flexión simple

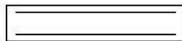
1 Datos

- Materiales

Tipo de hormigón : HA-25
Tipo de acero : B-500-S
fck [MPa] = 25.00
fyk [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

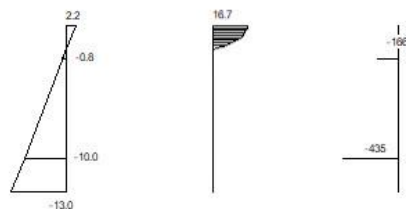
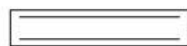
- Sección

Sección : LOSA20
b [m] = 1.00
h [m] = 0.20
ri [m] = 0.040
rs [m] = 0.040



2 Comprobación

At [cm²] = 5.6
Ac [cm²] = 5.6
Mu [kN·m] = 39.0



Plano de deformación de agotamiento

x [m] = 0.029
1/r [1/m] · 1.E-3 = 76.1
 ϵ_s · 1.E-3 = 2.2

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$$\varepsilon_1 \cdot 1.E-3 = -13.0$$

Deformación y tensión de armaduras

Profundidad [m]	Armadura [cm ²]	Deformación ·1.E ⁻³	Tensión [MPa]
0.040	5.6	-0.8	166.4
0.160	5.6	-10.0	434.8



PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra:
Fecha: 11/12/2019
Hora: 11:48:24

Cálculo de secciones a cortante

1 Datos

- Materiales

Tipo de hormigón : HA-25
Tipo de acero : B-500-S
fck [MPa] = 25.00
fyk [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

- Control del hormigón

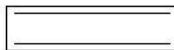
Control normal

- Tipo de elemento estructural

Tipo : elemento sin armadura a cortante

- Sección

Sección : MURO25
b0 [m] = 1.00
h [m] = 0.25



2 Comprobación

ρ_l [·1.E-3] = 3
Nd [kN] = 0.0
Vu [kN] = 145.8

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PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra:
 Fecha: 11/12/2019
 Hora: 11:48:00

Comprobación de secciones a flexión simple

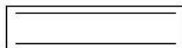
1 Datos

- Materiales

Tipo de hormigón : HA-25
 Tipo de acero : B-500-S
 f_{ck} [MPa] = 25.00
 f_{yk} [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

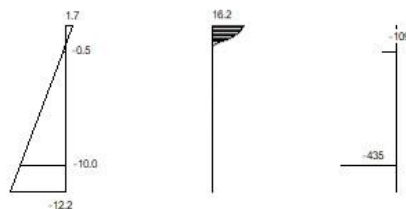
- Sección

Sección : MURO25
 b [m] = 1.00
 h [m] = 0.25
 r_i [m] = 0.040
 r_s [m] = 0.040



2 Comprobación

A_t [cm²] = 5.6
 A_c [cm²] = 5.6
 M_u [kN·m] = 50.2



Plano de deformación de agotamiento

x [m] = 0.030
 $1/r$ [1/m] · 1.E-3 = 55.5
 ϵ_s · 1.E-3 = 1.7

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$$\varepsilon_1 \cdot 1.E-3 = -12.2$$

Deformación y tensión de armaduras

Profundidad [m]	Armadura [cm ²]	Deformación ·1.E ⁻³	Tensión [MPa]
0.040	5.6	-0.5	109.1
0.210	5.6	-10.0	434.8

**PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08**

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra:
Fecha: 11/12/2019
Hora: 11:49:27

Cálculo de secciones a cortante**1 Datos**

- Materiales

Tipo de hormigón : HA-25
Tipo de acero : B-500-S
fck [MPa] = 25.00
fyk [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

- Control del hormigón

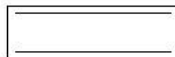
Control normal

- Tipo de elemento estructural

Tipo : elemento sin armadura a cortante

- Sección

Sección : ZAPATA30
b0 [m] = 1.00
h [m] = 0.30

**2 Comprobación**

ρ_l [·1.E-3] = 2
Nd [kN] = 0.0
Vu [kN] = 167.2

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PRONTUARIO INFORMÁTICO DEL HORMIGÓN ESTRUCTURAL 3.1 SEGÚN EHE-08

Cátedra de Hormigón Estructural ETSICCPM - IECA

Obra:
 Fecha: 11/12/2019
 Hora: 11:49:06

Comprobación de secciones a flexión simple

1 Datos

- Materiales

Tipo de hormigón : HA-25
 Tipo de acero : B-500-S
 f_{ck} [MPa] = 25.00
 f_{yk} [MPa] = 500.00
 γ_c = 1.50
 γ_s = 1.15

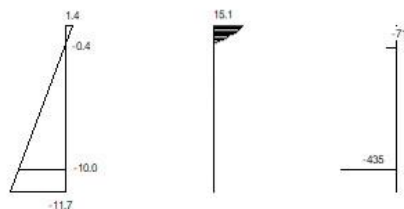
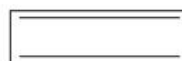
- Sección

Sección : ZAPATA30
 b [m] = 1.00
 h [m] = 0.30
 r_i [m] = 0.040
 r_s [m] = 0.040



2 Comprobación

A_t [cm²] = 5.6
 A_c [cm²] = 5.6
 M_u [kN·m] = 61.7



Plano de deformación de agotamiento

x [m] = 0.032
 $1/r$ [1/m] · 1.E-3 = 43.7
 ϵ_s · 1.E-3 = 1.4

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$$\varepsilon_1 \cdot 1.E-3 = -11.7$$

Deformación y tensión de armaduras

Profundidad [m]	Armadura [cm ²]	Deformación ·1.E ⁻³	Tensión [MPa]
0.040	5.6	-0.4	70.8
0.260	5.6	-10.0	434.8