

pora dnia i nocy - oddziaływanie skumulowane

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HAŁAS PRZEMYSŁOWY i DROGOWY  
PROGRAM SON2 WERSJA 5.42

Licencja nr FK/60595/Sp/17 z dnia 29.06.2017

DANE WEJŚCIOWE

Rodzaj obliczeń: Poziom hałasu równoważnego

1. Nazwa projektu: Bez nazwy
2. Temperatura powietrza [st C.] = 10
3. Wilgotność względna powietrza [%] = 70

4. Tło akustyczne dB(A) przeważające:

Pora dnia : 0.0

Pora nocy : 0.0

5. Obszar nr 1 tła akustycznego [dB(A)] - pora dnia : 31.4, pora nocy : 30.5

Współrzędne wierzchołków wielokąta obszaru "1"

Lp	Współrzędne wierzchołków	
	x	y
	m	m
1	246.2	-156.7
2	303.9	-156.2
3	326.0	-15.5
4	256.6	-5.6

6. Rodzaj gruntu : grunt porowaty, wskaźnik gruntu G = 0.7

7. Punktowe źródła hałasu

Lp	Symbol	Współrzędne źródła			ht	Rodzaj źródła	LAW	tD	tN	Do
		x	y	z						
		m	m	m	m	dB(A)	h	h	dB	
1	WH 1	565.7	-1091.1	15.4	0.0	wszechkier.	80.0	8.000	1.000	
2	WH 2	586.8	-1086.0	15.4	0.0	wszechkier.	80.0	8.000	1.000	
3	WH 3	609.1	-1080.7	15.4	0.0	wszechkier.	80.0	8.000	1.000	
4	WH 4	629.9	-1075.8	15.4	0.0	wszechkier.	80.0	8.000	1.000	
5	WH 5	651.0	-1071.0	15.4	0.0	wszechkier.	80.0	8.000	1.000	
6	WH 6	672.1	-1066.0	15.4	0.0	wszechkier.	80.0	8.000	1.000	
7	WH 7	693.7	-1061.0	15.4	0.0	wszechkier.	80.0	8.000	1.000	
8	WH 8	715.0	-1056.1	15.4	0.0	wszechkier.	80.0	8.000	1.000	
9	WH 9	735.8	-1051.1	15.4	0.0	wszechkier.	80.0	8.000	1.000	
10	WH 10	757.2	-1046.3	15.4	0.0	wszechkier.	80.0	8.000	1.000	
11	WH 11	778.6	-1041.6	15.4	0.0	wszechkier.	80.0	8.000	1.000	
12	WH 12	800.0	-1036.6	15.4	0.0	wszechkier.	80.0	8.000	1.000	
13	WH 13	820.8	-1031.7	15.4	0.0	wszechkier.	80.0	8.000	1.000	
14	WH 14	841.9	-1026.6	15.4	0.0	wszechkier.	80.0	8.000	1.000	
15	WH 15	863.3	-1021.6	15.4	0.0	wszechkier.	80.0	8.000	1.000	
16	WH 16	884.8	-1016.6	15.4	0.0	wszechkier.	80.0	8.000	1.000	
17	WH 17	905.9	-1011.7	15.4	0.0	wszechkier.	80.0	8.000	1.000	
18	WH 18	927.8	-1006.9	15.4	0.0	wszechkier.	80.0	8.000	1.000	
19	WH 19	762.7	-1069.4	15.4	0.0	wszechkier.	80.0	8.000	1.000	
20	WH 20	783.8	-1064.4	15.4	0.0	wszechkier.	80.0	8.000	1.000	
21	WH 21	805.2	-1059.4	15.4	0.0	wszechkier.	80.0	8.000	1.000	
22	WH 22	826.8	-1054.4	15.4	0.0	wszechkier.	80.0	8.000	1.000	
23	WH 23	847.9	-1049.9	15.4	0.0	wszechkier.	80.0	8.000	1.000	
24	WH 24	869.0	-1044.4	15.4	0.0	wszechkier.	80.0	8.000	1.000	
25	WH 25	890.4	-1039.7	15.4	0.0	wszechkier.	80.0	8.000	1.000	
26	WH 26	911.6	-1034.5	15.4	0.0	wszechkier.	80.0	8.000	1.000	
27	WH 27	932.4	-1029.5	15.4	0.0	wszechkier.	80.0	8.000	1.000	
28	CW 1	539.7	-1050.6	15.4	0.0	wszechkier.	80.0	8.000	1.000	
29	CW 2	540.5	-1054.4	15.4	0.0	wszechkier.	80.0	8.000	1.000	
30	CW 3	541.3	-1058.5	15.4	0.0	wszechkier.	80.0	8.000	1.000	
31	CW 4	717.2	-1013.4	15.4	0.0	wszechkier.	80.0	8.000	1.000	
32	CW 5	720.6	-1012.8	15.4	0.0	wszechkier.	80.0	8.000	1.000	
33	CW 6	725.1	-1011.9	15.4	0.0	wszechkier.	80.0	8.000	1.000	

34	CW 7	728.6	-1011.1	15.4	0.0	wszechkier.	80.0	8.000	1.000			
35	CW 8	732.6	-1010.0	15.4	0.0	wszechkier.	80.0	8.000	1.000			
36	CW 9	737.0	-1009.4	15.4	0.0	wszechkier.	80.0	8.000	1.000			
37	CW 10	944.2	-956.7	15.4	0.0	wszechkier.	80.0	8.000	1.000			
38	CW 11	945.0	-960.7	15.4	0.0	wszechkier.	80.0	8.000	1.000			
39	CW 12	945.9	-965.0	15.4	0.0	wszechkier.	80.0	8.000	1.000			
40	UCH 1	543.5	-1049.5	15.4	0.0	wszechkier.	75.0	8.000	1.000			
41	UCH 2	544.2	-1053.1	15.4	0.0	wszechkier.	75.0	8.000	1.000			
42	UCH 3	545.0	-1057.7	15.4	0.0	wszechkier.	75.0	8.000	1.000			
43	UCH 4	717.9	-1017.3	15.4	0.0	wszechkier.	75.0	8.000	1.000			
44	UCH 5	722.0	-1016.7	15.4	0.0	wszechkier.	75.0	8.000	1.000			
45	UCH 6	726.1	-1015.8	15.4	0.0	wszechkier.	75.0	8.000	1.000			
46	UCH 7	730.0	-1014.7	15.4	0.0	wszechkier.	75.0	8.000	1.000			
47	UCH 8	733.7	-1013.9	15.4	0.0	wszechkier.	75.0	8.000	1.000			
48	UCH 9	737.8	-1013.0	15.4	0.0	wszechkier.	75.0	8.000	1.000			
49	UCH 10	939.9	-957.6	15.4	0.0	wszechkier.	75.0	8.000	1.000			
50	UCH 11	941.2	-961.4	15.4	0.0	wszechkier.	75.0	8.000	1.000			
51	UCH 12	942.3	-965.6	15.4	0.0	wszechkier.	75.0	8.000	1.000			
52	WSB 1	536.7	-1055.2	15.4	0.0	wszechkier.	75.0	8.000	1.000			
53	WSB 2	537.5	-1059.2	15.4	0.0	wszechkier.	75.0	8.000	1.000			
54	WSB 3	538.5	-1063.0	15.4	0.0	wszechkier.	75.0	8.000	1.000			
55	WSB 4	539.5	-1067.1	15.4	0.0	wszechkier.	75.0	8.000	1.000			
56	WSB 5	708.9	-1011.7	15.4	0.0	wszechkier.	75.0	8.000	1.000			
57	WSB 6	712.5	-1010.8	15.4	0.0	wszechkier.	75.0	8.000	1.000			
58	WSB 7	716.2	-1009.4	15.4	0.0	wszechkier.	75.0	8.000	1.000			
59	WSB 8	720.0	-1009.5	15.4	0.0	wszechkier.	75.0	8.000	1.000			
60	WSB 9	731.7	-1006.4	15.4	0.0	wszechkier.	75.0	8.000	1.000			
61	WSB 10	735.6	-1005.3	15.4	0.0	wszechkier.	75.0	8.000	1.000			
62	WSB 11	739.7	-1004.5	15.4	0.0	wszechkier.	75.0	8.000	1.000			
63	WSB 12	743.6	-1003.4	15.4	0.0	wszechkier.	75.0	8.000	1.000			
64	WSB 13	948.5	-959.6	15.4	0.0	wszechkier.	75.0	8.000	1.000			
65	WSB 14	949.3	-963.7	15.4	0.0	wszechkier.	75.0	8.000	1.000			
66	WSB 15	950.3	-967.8	15.4	0.0	wszechkier.	75.0	8.000	1.000			
67	WSB 16	950.7	-971.8	15.4	0.0	wszechkier.	75.0	8.000	1.000			
68	WEX 1	541.3	-1074.9	15.4	0.0	wszechkier.	80.0	8.000	1.000			
69	WEX 2	545.5	-1074.2	15.4	0.0	wszechkier.	80.0	8.000	1.000			
70	WEX 3	549.7	-1073.3	15.4	0.0	wszechkier.	80.0	8.000	1.000			
71	WEX 4	718.7	-1021.9	15.4	0.0	wszechkier.	80.0	8.000	1.000			
72	WEX 5	722.8	-1020.9	15.4	0.0	wszechkier.	80.0	8.000	1.000			
73	WEX 6	726.4	-1020.3	15.4	0.0	wszechkier.	80.0	8.000	1.000			
74	WEX 7	730.8	-1019.5	15.4	0.0	wszechkier.	80.0	8.000	1.000			
75	WEX 8	734.5	-1018.3	15.4	0.0	wszechkier.	80.0	8.000	1.000			
76	WEX 9	739.7	-1017.2	15.4	0.0	wszechkier.	80.0	8.000	1.000			
77	WEX 10	939.5	-970.3	15.4	0.0	wszechkier.	80.0	8.000	1.000			
78	WEX 11	940.4	-974.0	15.4	0.0	wszechkier.	80.0	8.000	1.000			
79	WEX 12	941.4	-978.1	15.4	0.0	wszechkier.	80.0	8.000	1.000			
80	WB 1	956.8	-978.9	3.0	0.0	wszechkier.	80.0	8.000	1.000			3
81	WB 2	958.2	-984.8	3.0	0.0	wszechkier.	80.0	8.000	1.000			3
82	WB 3	959.6	-990.3	3.0	0.0	wszechkier.	80.0	8.000	1.000			3
83	WB 4	960.9	-996.4	3.0	0.0	wszechkier.	80.0	8.000	1.000			3
84	UCC 1	985.0	-1010.0	4.0	0.0	wszechkier.	65.0	8.000	1.000			
85	UW 1	987.6	-1013.1	4.0	0.0	wszechkier.	60.0	8.000	1.000			
86	UW 2	984.7	-1068.9	4.5	0.0	wszechkier.	60.0	8.000	1.000			
87	ACH 1	691.4	-1071.7	15.4	0.0	wszechkier.	98.0	8.000	1.000			
88	ACH 2	695.7	-1070.7	15.4	0.0	wszechkier.	98.0	8.000	1.000			
89	ACH 3	699.8	-1069.6	15.4	0.0	wszechkier.	98.0	8.000	1.000			
90	ACH 4	692.3	-1076.0	15.4	0.0	wszechkier.	98.0	8.000	1.000			
91	ACH 5	696.5	-1074.6	15.4	0.0	wszechkier.	98.0	8.000	1.000			
92	ACH 6	700.6	-1073.9	15.4	0.0	wszechkier.	98.0	8.000	1.000			
93	ACH 7	857.6	-1033.1	15.4	0.0	wszechkier.	98.0	8.000	1.000			
94	ACH 8	861.9	-1032.0	15.4	0.0	wszechkier.	98.0	8.000	1.000			
95	ACH 9	865.8	-1030.9	15.4	0.0	wszechkier.	98.0	8.000	1.000			
96	ACH 10	858.3	-1037.0	15.4	0.0	wszechkier.	98.0	8.000	1.000			
97	ACH 11	862.7	-1035.9	15.4	0.0	wszechkier.	98.0	8.000	1.000			
98	ACH 12	866.5	-1035.0	15.4	0.0	wszechkier.	98.0	8.000	1.000			
99	AP 1	963.4	-1000.9	2.0	0.0	wszechkier.	108.0	1.000				
100	UWN 1	620.8	-1087.8	15.4	0.0	wszechkier.	80.0	8.000	1.000			
101	UWN 2	716.7	-1065.5	15.4	0.0	wszechkier.	80.0	8.000	1.000			
102	UWN 3	813.2	-1042.8	15.4	0.0	wszechkier.	80.0	8.000	1.000			
103	UWN 4	898.4	-1023.7	15.4	0.0	wszechkier.	80.0	8.000	1.000			
104	UC 1	622.1	-1091.9	15.4	0.0	wszechkier.	80.0	8.000	1.000			
105	UC 2	717.5	-1069.7	15.4	0.0	wszechkier.	80.0	8.000	1.000			
106	UC 3	814.1	-1047.0	15.4	0.0	wszechkier.	80.0	8.000	1.000			
107	UC 4	899.0	-1027.7	15.4	0.0	wszechkier.	80.0	8.000	1.000			

#### 8. Liniowe źródła hałasu

Lp	Symbol	Początek				Koniec				LAW 8hD	LAW 1hN	D0
		x1	y1	z1	h1t	x2	y2	z2	h2t			
		m	m	m	m	m	m	m	m	dBA	dBA	dB
1	T1	1017.5	-1080.2	0.5	0.0	944.5	-924.0	0.5	0.0	83.2	86.4	
2	T2	944.5	-924.0	0.5	0.0	508.9	-1023.3	0.5	0.0	87.6	90.5	
3	T3	508.9	-1023.3	0.5	0.0	525.9	-1096.6	0.5	0.0	65.8	70.6	

z - wysokość źródła nad gruntem ; ht - wysokość gruntu względem płaszczyzny odniesienia  
 LAW - poziom mocy akustycznej źródła nominalny  
 tD - czas pracy źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia  
 tN - czas pracy źródła w przedziale 1 najmniej korzystnej godziny nocy

LAW 8hD - równoważny poziom mocy akustycznej źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia  
 LAW 1hN - równoważny poziom mocy akustycznej źródła w przedziale 1 najmniej korzystnej godziny nocy

#### 9. Źródła hałasu typu budynek

Lp	Symbol	Współrzędne wierzchołków źródła [m]								ho	h1	ht
		A(x1, y1)		B(x2, y2)		C(x3, y3)		D(x4, y4)				
1	POMPOWNIA 1	981.4	-1071.3	987.0	-1069.9	985.3	-1062.7	979.8	-1064.1	0.0	4.0	0.0

#### 9.1 Opis ścian budynków

Lp	Budynek	Wielkość	Jedn.	Ściana AB	Ściana BC	Ściana CD	Ściana DA	dach
1	POMPOWNIA 1	Wsp. odbicia LAWew dzień	- dB(A)	1.0 98.0	1.0 98.0	1.0 98.0	1.0 98.0	1.0 98.0
		Izolacyjność	dB(A)	20.0	20.0	20.0	20.0	20.0

ho,h1 - odpowiednio wysokość podstawy i wysokość źródła nad gruntem  
 ht - wysokość gruntu względem płaszczyzny odniesienia  
 LAWew dzień - poziom dźwięku A wewnątrz budynku w przedziale 8 kolejnych najmniej korzystnych godzin dnia

#### 10. Ekrany - budynki

Lp	Symbol	wia   ta	Współrzędne x,y wierzchołków ekranu[m]								ho	h1	ht	Współczynniki   odbicia ścian   nr 1 - 4		
			x1	y1	x2	y2	x3	y3	x4	y4					m	m
1	HALA 1	548.9	-1119.1	740.8	-1074.1	724.7	-1005.3	533.1	-1049.5	0.0	14.4	0.0	1.0	0.0	0.8	1.0
2	HALA 2	740.8	-1073.9	964.8	-1021.9	948.9	-953.2	724.7	-1005.1	0.0	14.4	0.0	0.0	1.0	0.8	0.0
3	HALA 3	745.9	-1097.4	970.3	-1045.0	965.0	-1021.7	740.6	-1073.8	0.0	14.4	0.0	1.0	1.0	0.0	1.0

Koniec danych

LAEq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB(A)	dB(A)
1	0.0	0.0	4.0	0.0	33.3	33.3
2	20.0	0.0	4.0	0.0	33.4	33.4
3	40.0	0.0	4.0	0.0	33.5	33.5
4	60.0	0.0	4.0	0.0	33.6	33.6
5	80.0	0.0	4.0	0.0	33.7	33.7
6	100.0	0.0	4.0	0.0	33.8	33.8
7	120.0	0.0	4.0	0.0	33.9	33.9
8	140.0	0.0	4.0	0.0	34.0	34.0
9	160.0	0.0	4.0	0.0	34.1	34.1
10	180.0	0.0	4.0	0.0	34.2	34.2
11	200.0	0.0	4.0	0.0	34.3	34.3
12	220.0	0.0	4.0	0.0	34.4	34.4
13	240.0	0.0	4.0	0.0	34.4	34.4
14	260.0	0.0	4.0	0.0	34.5	34.5
15	280.0	0.0	4.0	0.0	34.6	34.6
16	300.0	0.0	4.0	0.0	34.7	34.7
17	320.0	0.0	4.0	0.0	34.8	34.8
18	340.0	0.0	4.0	0.0	34.8	34.8
19	360.0	0.0	4.0	0.0	34.9	34.9
20	380.0	0.0	4.0	0.0	35.0	35.0
21	400.0	0.0	4.0	0.0	35.0	35.0
22	420.0	0.0	4.0	0.0	35.1	35.1
23	440.0	0.0	4.0	0.0	35.2	35.2
24	460.0	0.0	4.0	0.0	35.2	35.2

25	480.0	0.0	4.0	0.0	35.3	35.3
26	500.0	0.0	4.0	0.0	35.3	35.3
27	520.0	0.0	4.0	0.0	35.4	35.4
28	540.0	0.0	4.0	0.0	35.5	35.4
29	560.0	0.0	4.0	0.0	35.5	35.5
30	580.0	0.0	4.0	0.0	35.6	35.5
31	600.0	0.0	4.0	0.0	35.6	35.5
32	620.0	0.0	4.0	0.0	35.7	35.6
33	640.0	0.0	4.0	0.0	35.7	35.6
34	660.0	0.0	4.0	0.0	35.9	35.6
35	680.0	0.0	4.0	0.0	36.0	35.7
36	700.0	0.0	4.0	0.0	36.0	35.7
37	720.0	0.0	4.0	0.0	36.0	35.7
38	740.0	0.0	4.0	0.0	36.0	35.7
39	760.0	0.0	4.0	0.0	36.3	35.7
40	780.0	0.0	4.0	0.0	36.3	35.8
41	800.0	0.0	4.0	0.0	36.6	35.8
42	820.0	0.0	4.0	0.0	36.6	35.8
43	840.0	0.0	4.0	0.0	36.6	35.8
44	860.0	0.0	4.0	0.0	36.4	35.8
45	880.0	0.0	4.0	0.0	36.3	35.7
46	900.0	0.0	4.0	0.0	36.3	35.7
47	920.0	0.0	4.0	0.0	36.3	35.7
48	940.0	0.0	4.0	0.0	36.3	35.7
49	960.0	0.0	4.0	0.0	36.3	35.6
50	980.0	0.0	4.0	0.0	36.2	35.6
51	1000.0	0.0	4.0	0.0	36.2	35.6
52	1020.0	0.0	4.0	0.0	36.2	35.5
53	1040.0	0.0	4.0	0.0	36.1	35.5
54	1060.0	0.0	4.0	0.0	36.1	35.4
55	1080.0	0.0	4.0	0.0	36.0	35.4
56	1100.0	0.0	4.0	0.0	36.0	35.3
57	1120.0	0.0	4.0	0.0	35.9	35.3
58	1140.0	0.0	4.0	0.0	35.9	35.2
59	1160.0	0.0	4.0	0.0	35.8	35.2
60	1180.0	0.0	4.0	0.0	35.7	35.1
61	1200.0	0.0	4.0	0.0	35.7	35.0
62	1220.0	0.0	4.0	0.0	35.6	35.0
63	1240.0	0.0	4.0	0.0	35.5	34.9
64	1260.0	0.0	4.0	0.0	35.5	34.8
65	1280.0	0.0	4.0	0.0	35.4	34.7
66	1300.0	0.0	4.0	0.0	35.3	34.6
67	1320.0	0.0	4.0	0.0	35.2	34.6
68	1340.0	0.0	4.0	0.0	35.1	34.5
69	1360.0	0.0	4.0	0.0	35.1	34.4
70	1380.0	0.0	4.0	0.0	35.0	34.3
71	1400.0	0.0	4.0	0.0	34.9	34.2
72	1420.0	0.0	4.0	0.0	34.8	34.1
73	1440.0	0.0	4.0	0.0	34.7	34.0
74	1460.0	0.0	4.0	0.0	34.6	33.9
75	1480.0	0.0	4.0	0.0	34.5	33.8
76	1500.0	0.0	4.0	0.0	34.4	33.7
77	1520.0	0.0	4.0	0.0	34.3	33.6
78	1540.0	0.0	4.0	0.0	34.2	33.5
79	1560.0	0.0	4.0	0.0	34.1	33.4
80	1580.0	0.0	4.0	0.0	34.0	33.3
81	1600.0	0.0	4.0	0.0	33.9	33.2
82	1620.0	0.0	4.0	0.0	33.8	33.1
83	1640.0	0.0	4.0	0.0	33.7	33.0
84	1660.0	0.0	4.0	0.0	33.6	32.9
85	1680.0	0.0	4.0	0.0	33.5	32.8
86	0.0	-20.0	4.0	0.0	33.4	33.4
87	20.0	-20.0	4.0	0.0	33.5	33.5
88	40.0	-20.0	4.0	0.0	33.7	33.7
89	60.0	-20.0	4.0	0.0	33.8	33.8
90	80.0	-20.0	4.0	0.0	33.9	33.9
91	100.0	-20.0	4.0	0.0	34.0	34.0
92	120.0	-20.0	4.0	0.0	34.1	34.1
93	140.0	-20.0	4.0	0.0	34.2	34.2
94	160.0	-20.0	4.0	0.0	34.2	34.2
95	180.0	-20.0	4.0	0.0	34.3	34.3
96	200.0	-20.0	4.0	0.0	34.4	34.4
97	220.0	-20.0	4.0	0.0	34.5	34.5
98	240.0	-20.0	4.0	0.0	34.6	34.6
99	260.0	-20.0	4.0	0.0	36.4	36.1
100	280.0	-20.0	4.0	0.0	36.4	36.2
101	300.0	-20.0	4.0	0.0	36.5	36.2
102	320.0	-20.0	4.0	0.0	36.5	36.3
103	340.0	-20.0	4.0	0.0	35.0	35.0
104	360.0	-20.0	4.0	0.0	35.1	35.1
105	380.0	-20.0	4.0	0.0	35.2	35.2
106	400.0	-20.0	4.0	0.0	35.2	35.2
107	420.0	-20.0	4.0	0.0	35.3	35.3
108	440.0	-20.0	4.0	0.0	35.4	35.3
109	460.0	-20.0	4.0	0.0	35.4	35.4

110	480.0	-20.0	4.0	0.0	35.5	35.5
111	500.0	-20.0	4.0	0.0	35.5	35.5
112	520.0	-20.0	4.0	0.0	35.6	35.6
113	540.0	-20.0	4.0	0.0	35.6	35.6
114	560.0	-20.0	4.0	0.0	35.7	35.7
115	580.0	-20.0	4.0	0.0	35.7	35.7
116	600.0	-20.0	4.0	0.0	35.8	35.7
117	620.0	-20.0	4.0	0.0	35.9	35.8
118	640.0	-20.0	4.0	0.0	35.9	35.8
119	660.0	-20.0	4.0	0.0	36.0	35.8
120	680.0	-20.0	4.0	0.0	36.2	35.9
121	700.0	-20.0	4.0	0.0	36.2	35.9
122	720.0	-20.0	4.0	0.0	36.2	35.9
123	740.0	-20.0	4.0	0.0	36.3	35.9
124	760.0	-20.0	4.0	0.0	36.5	35.9
125	780.0	-20.0	4.0	0.0	36.5	36.0
126	800.0	-20.0	4.0	0.0	36.8	36.0
127	820.0	-20.0	4.0	0.0	36.8	36.0
128	840.0	-20.0	4.0	0.0	36.8	36.0
129	860.0	-20.0	4.0	0.0	36.6	36.0
130	880.0	-20.0	4.0	0.0	36.6	35.9
131	900.0	-20.0	4.0	0.0	36.5	35.9
132	920.0	-20.0	4.0	0.0	36.5	35.9
133	940.0	-20.0	4.0	0.0	36.5	35.9
134	960.0	-20.0	4.0	0.0	36.5	35.8
135	980.0	-20.0	4.0	0.0	36.4	35.8
136	1000.0	-20.0	4.0	0.0	36.4	35.8
137	1020.0	-20.0	4.0	0.0	36.4	35.7
138	1040.0	-20.0	4.0	0.0	36.3	35.7
139	1060.0	-20.0	4.0	0.0	36.3	35.6
140	1080.0	-20.0	4.0	0.0	36.2	35.6
141	1100.0	-20.0	4.0	0.0	36.2	35.5
142	1120.0	-20.0	4.0	0.0	36.1	35.5
143	1140.0	-20.0	4.0	0.0	36.1	35.4
144	1160.0	-20.0	4.0	0.0	36.0	35.3
145	1180.0	-20.0	4.0	0.0	35.9	35.3
146	1200.0	-20.0	4.0	0.0	35.9	35.2
147	1220.0	-20.0	4.0	0.0	35.8	35.1
148	1240.0	-20.0	4.0	0.0	35.7	35.1
149	1260.0	-20.0	4.0	0.0	35.6	35.0
150	1280.0	-20.0	4.0	0.0	35.6	34.9
151	1300.0	-20.0	4.0	0.0	35.5	34.8
152	1320.0	-20.0	4.0	0.0	35.4	34.7
153	1340.0	-20.0	4.0	0.0	35.3	34.6
154	1360.0	-20.0	4.0	0.0	35.2	34.6
155	1380.0	-20.0	4.0	0.0	35.1	34.5
156	1400.0	-20.0	4.0	0.0	35.1	34.4
157	1420.0	-20.0	4.0	0.0	35.0	34.3
158	1440.0	-20.0	4.0	0.0	34.9	34.2
159	1460.0	-20.0	4.0	0.0	34.8	34.1
160	1480.0	-20.0	4.0	0.0	34.7	34.0
161	1500.0	-20.0	4.0	0.0	34.6	33.9
162	1520.0	-20.0	4.0	0.0	34.5	33.8
163	1540.0	-20.0	4.0	0.0	34.4	33.7
164	1560.0	-20.0	4.0	0.0	34.3	33.6
165	1580.0	-20.0	4.0	0.0	34.2	33.5
166	1600.0	-20.0	4.0	0.0	34.1	33.4
167	1620.0	-20.0	4.0	0.0	33.9	33.3
168	1640.0	-20.0	4.0	0.0	33.8	33.1
169	1660.0	-20.0	4.0	0.0	33.7	33.0
170	1680.0	-20.0	4.0	0.0	33.6	32.9
171	0.0	-40.0	4.0	0.0	33.6	33.6
172	20.0	-40.0	4.0	0.0	33.7	33.7
173	40.0	-40.0	4.0	0.0	33.8	33.8
174	60.0	-40.0	4.0	0.0	33.9	33.9
175	80.0	-40.0	4.0	0.0	34.0	34.0
176	100.0	-40.0	4.0	0.0	34.1	34.1
177	120.0	-40.0	4.0	0.0	34.2	34.2
178	140.0	-40.0	4.0	0.0	34.3	34.3
179	160.0	-40.0	4.0	0.0	34.4	34.4
180	180.0	-40.0	4.0	0.0	34.5	34.5
181	200.0	-40.0	4.0	0.0	34.6	34.6
182	220.0	-40.0	4.0	0.0	34.7	34.7
183	240.0	-40.0	4.0	0.0	34.8	34.8
184	260.0	-40.0	4.0	0.0	36.5	36.2
185	280.0	-40.0	4.0	0.0	36.5	36.3
186	300.0	-40.0	4.0	0.0	36.6	36.3
187	320.0	-40.0	4.0	0.0	36.7	36.4
188	340.0	-40.0	4.0	0.0	35.2	35.2
189	360.0	-40.0	4.0	0.0	35.3	35.3
190	380.0	-40.0	4.0	0.0	35.3	35.3
191	400.0	-40.0	4.0	0.0	35.4	35.4
192	420.0	-40.0	4.0	0.0	35.5	35.5
193	440.0	-40.0	4.0	0.0	35.5	35.5
194	460.0	-40.0	4.0	0.0	35.6	35.6

195	480.0	-40.0	4.0	0.0	35.7	35.7
196	500.0	-40.0	4.0	0.0	35.7	35.7
197	520.0	-40.0	4.0	0.0	35.8	35.8
198	540.0	-40.0	4.0	0.0	35.8	35.8
199	560.0	-40.0	4.0	0.0	35.9	35.9
200	580.0	-40.0	4.0	0.0	35.9	35.9
201	600.0	-40.0	4.0	0.0	36.0	35.9
202	620.0	-40.0	4.0	0.0	36.1	36.0
203	640.0	-40.0	4.0	0.0	36.1	36.0
204	660.0	-40.0	4.0	0.0	36.2	36.0
205	680.0	-40.0	4.0	0.0	36.4	36.1
206	700.0	-40.0	4.0	0.0	36.4	36.1
207	720.0	-40.0	4.0	0.0	36.4	36.1
208	740.0	-40.0	4.0	0.0	36.4	36.1
209	760.0	-40.0	4.0	0.0	36.7	36.1
210	780.0	-40.0	4.0	0.0	36.7	36.2
211	800.0	-40.0	4.0	0.0	36.7	36.2
212	820.0	-40.0	4.0	0.0	37.0	36.2
213	840.0	-40.0	4.0	0.0	37.0	36.2
214	860.0	-40.0	4.0	0.0	36.8	36.2
215	880.0	-40.0	4.0	0.0	36.8	36.1
216	900.0	-40.0	4.0	0.0	36.7	36.1
217	920.0	-40.0	4.0	0.0	36.7	36.1
218	940.0	-40.0	4.0	0.0	36.7	36.1
219	960.0	-40.0	4.0	0.0	36.7	36.0
220	980.0	-40.0	4.0	0.0	36.6	36.0
221	1000.0	-40.0	4.0	0.0	36.6	36.0
222	1020.0	-40.0	4.0	0.0	36.6	35.9
223	1040.0	-40.0	4.0	0.0	36.5	35.9
224	1060.0	-40.0	4.0	0.0	36.5	35.8
225	1080.0	-40.0	4.0	0.0	36.4	35.8
226	1100.0	-40.0	4.0	0.0	36.4	35.7
227	1120.0	-40.0	4.0	0.0	36.3	35.7
228	1140.0	-40.0	4.0	0.0	36.2	35.6
229	1160.0	-40.0	4.0	0.0	36.2	35.5
230	1180.0	-40.0	4.0	0.0	36.1	35.5
231	1200.0	-40.0	4.0	0.0	36.0	35.4
232	1220.0	-40.0	4.0	0.0	36.0	35.3
233	1240.0	-40.0	4.0	0.0	35.9	35.2
234	1260.0	-40.0	4.0	0.0	35.8	35.2
235	1280.0	-40.0	4.0	0.0	35.7	35.1
236	1300.0	-40.0	4.0	0.0	35.7	35.0
237	1320.0	-40.0	4.0	0.0	35.6	34.9
238	1340.0	-40.0	4.0	0.0	35.5	34.8
239	1360.0	-40.0	4.0	0.0	35.4	34.7
240	1380.0	-40.0	4.0	0.0	35.3	34.6
241	1400.0	-40.0	4.0	0.0	35.2	34.5
242	1420.0	-40.0	4.0	0.0	35.1	34.4
243	1440.0	-40.0	4.0	0.0	35.0	34.3
244	1460.0	-40.0	4.0	0.0	34.9	34.2
245	1480.0	-40.0	4.0	0.0	34.8	34.1
246	1500.0	-40.0	4.0	0.0	34.7	34.0
247	1520.0	-40.0	4.0	0.0	34.6	33.9
248	1540.0	-40.0	4.0	0.0	34.5	33.8
249	1560.0	-40.0	4.0	0.0	34.4	33.7
250	1580.0	-40.0	4.0	0.0	34.3	33.6
251	1600.0	-40.0	4.0	0.0	34.2	33.5
252	1620.0	-40.0	4.0	0.0	34.1	33.4
253	1640.0	-40.0	4.0	0.0	34.0	33.3
254	1660.0	-40.0	4.0	0.0	33.9	33.2
255	1680.0	-40.0	4.0	0.0	33.7	33.0
256	0.0	-60.0	4.0	0.0	33.7	33.7
257	20.0	-60.0	4.0	0.0	33.8	33.8
258	40.0	-60.0	4.0	0.0	34.0	34.0
259	60.0	-60.0	4.0	0.0	34.1	34.1
260	80.0	-60.0	4.0	0.0	34.2	34.2
261	100.0	-60.0	4.0	0.0	34.3	34.3
262	120.0	-60.0	4.0	0.0	34.4	34.4
263	140.0	-60.0	4.0	0.0	34.5	34.5
264	160.0	-60.0	4.0	0.0	34.6	34.6
265	180.0	-60.0	4.0	0.0	34.7	34.7
266	200.0	-60.0	4.0	0.0	34.8	34.8
267	220.0	-60.0	4.0	0.0	34.9	34.9
268	240.0	-60.0	4.0	0.0	34.9	34.9
269	260.0	-60.0	4.0	0.0	36.6	36.3
270	280.0	-60.0	4.0	0.0	36.7	36.4
271	300.0	-60.0	4.0	0.0	36.7	36.5
272	320.0	-60.0	4.0	0.0	35.3	35.3
273	340.0	-60.0	4.0	0.0	35.4	35.4
274	360.0	-60.0	4.0	0.0	35.4	35.4
275	380.0	-60.0	4.0	0.0	35.5	35.5
276	400.0	-60.0	4.0	0.0	35.6	35.6
277	420.0	-60.0	4.0	0.0	35.7	35.7
278	440.0	-60.0	4.0	0.0	35.7	35.7
279	460.0	-60.0	4.0	0.0	35.8	35.8

280	480.0	-60.0	4.0	0.0	35.9	35.8
281	500.0	-60.0	4.0	0.0	35.9	35.9
282	520.0	-60.0	4.0	0.0	36.0	36.0
283	540.0	-60.0	4.0	0.0	36.0	36.0
284	560.0	-60.0	4.0	0.0	36.1	36.1
285	580.0	-60.0	4.0	0.0	36.1	36.1
286	600.0	-60.0	4.0	0.0	36.2	36.1
287	620.0	-60.0	4.0	0.0	36.2	36.2
288	640.0	-60.0	4.0	0.0	36.3	36.2
289	660.0	-60.0	4.0	0.0	36.4	36.2
290	680.0	-60.0	4.0	0.0	36.6	36.3
291	700.0	-60.0	4.0	0.0	36.6	36.3
292	720.0	-60.0	4.0	0.0	36.7	36.3
293	740.0	-60.0	4.0	0.0	36.7	36.3
294	760.0	-60.0	4.0	0.0	36.7	36.4
295	780.0	-60.0	4.0	0.0	36.9	36.4
296	800.0	-60.0	4.0	0.0	36.9	36.4
297	820.0	-60.0	4.0	0.0	37.2	36.4
298	840.0	-60.0	4.0	0.0	37.2	36.4
299	860.0	-60.0	4.0	0.0	37.0	36.4
300	880.0	-60.0	4.0	0.0	37.0	36.4
301	900.0	-60.0	4.0	0.0	37.0	36.3
302	920.0	-60.0	4.0	0.0	36.9	36.3
303	940.0	-60.0	4.0	0.0	36.9	36.3
304	960.0	-60.0	4.0	0.0	36.9	36.2
305	980.0	-60.0	4.0	0.0	36.8	36.2
306	1000.0	-60.0	4.0	0.0	36.8	36.2
307	1020.0	-60.0	4.0	0.0	36.8	36.1
308	1040.0	-60.0	4.0	0.0	36.7	36.1
309	1060.0	-60.0	4.0	0.0	36.7	36.0
310	1080.0	-60.0	4.0	0.0	36.6	36.0
311	1100.0	-60.0	4.0	0.0	36.6	35.9
312	1120.0	-60.0	4.0	0.0	36.5	35.9
313	1140.0	-60.0	4.0	0.0	36.4	35.8
314	1160.0	-60.0	4.0	0.0	36.4	35.7
315	1180.0	-60.0	4.0	0.0	36.3	35.7
316	1200.0	-60.0	4.0	0.0	36.2	35.6
317	1220.0	-60.0	4.0	0.0	36.2	35.5
318	1240.0	-60.0	4.0	0.0	36.1	35.4
319	1260.0	-60.0	4.0	0.0	36.0	35.3
320	1280.0	-60.0	4.0	0.0	35.9	35.2
321	1300.0	-60.0	4.0	0.0	35.8	35.2
322	1320.0	-60.0	4.0	0.0	35.7	35.1
323	1340.0	-60.0	4.0	0.0	35.7	35.0
324	1360.0	-60.0	4.0	0.0	35.6	34.9
325	1380.0	-60.0	4.0	0.0	35.5	34.8
326	1400.0	-60.0	4.0	0.0	35.4	34.7
327	1420.0	-60.0	4.0	0.0	35.3	34.6
328	1440.0	-60.0	4.0	0.0	35.2	34.5
329	1460.0	-60.0	4.0	0.0	35.1	34.4
330	1480.0	-60.0	4.0	0.0	35.0	34.3
331	1500.0	-60.0	4.0	0.0	34.9	34.2
332	1520.0	-60.0	4.0	0.0	34.8	34.1
333	1540.0	-60.0	4.0	0.0	34.6	33.9
334	1560.0	-60.0	4.0	0.0	34.5	33.8
335	1580.0	-60.0	4.0	0.0	34.4	33.7
336	1600.0	-60.0	4.0	0.0	34.3	33.6
337	1620.0	-60.0	4.0	0.0	34.2	33.5
338	1640.0	-60.0	4.0	0.0	34.1	33.4
339	1660.0	-60.0	4.0	0.0	34.0	33.3
340	1680.0	-60.0	4.0	0.0	33.9	33.2
341	0.0	-80.0	4.0	0.0	33.9	33.9
342	20.0	-80.0	4.0	0.0	34.0	34.0
343	40.0	-80.0	4.0	0.0	34.1	34.1
344	60.0	-80.0	4.0	0.0	34.2	34.2
345	80.0	-80.0	4.0	0.0	34.3	34.3
346	100.0	-80.0	4.0	0.0	34.4	34.4
347	120.0	-80.0	4.0	0.0	34.5	34.5
348	140.0	-80.0	4.0	0.0	34.6	34.6
349	160.0	-80.0	4.0	0.0	34.7	34.7
350	180.0	-80.0	4.0	0.0	34.8	34.8
351	200.0	-80.0	4.0	0.0	34.9	34.9
352	220.0	-80.0	4.0	0.0	35.0	35.0
353	240.0	-80.0	4.0	0.0	35.1	35.1
354	260.0	-80.0	4.0	0.0	36.7	36.5
355	280.0	-80.0	4.0	0.0	36.8	36.5
356	300.0	-80.0	4.0	0.0	36.8	36.6
357	320.0	-80.0	4.0	0.0	35.5	35.5
358	340.0	-80.0	4.0	0.0	35.6	35.5
359	360.0	-80.0	4.0	0.0	35.6	35.6
360	380.0	-80.0	4.0	0.0	35.7	35.7
361	400.0	-80.0	4.0	0.0	35.8	35.8
362	420.0	-80.0	4.0	0.0	35.9	35.9
363	440.0	-80.0	4.0	0.0	35.9	35.9
364	460.0	-80.0	4.0	0.0	36.0	36.0

365	480.0	-80.0	4.0	0.0	36.1	36.0
366	500.0	-80.0	4.0	0.0	36.1	36.1
367	520.0	-80.0	4.0	0.0	36.2	36.2
368	540.0	-80.0	4.0	0.0	36.2	36.2
369	560.0	-80.0	4.0	0.0	36.3	36.3
370	580.0	-80.0	4.0	0.0	36.3	36.3
371	600.0	-80.0	4.0	0.0	36.4	36.3
372	620.0	-80.0	4.0	0.0	36.4	36.4
373	640.0	-80.0	4.0	0.0	36.5	36.4
374	660.0	-80.0	4.0	0.0	36.6	36.5
375	680.0	-80.0	4.0	0.0	36.6	36.5
376	700.0	-80.0	4.0	0.0	36.8	36.5
377	720.0	-80.0	4.0	0.0	36.9	36.5
378	740.0	-80.0	4.0	0.0	36.9	36.6
379	760.0	-80.0	4.0	0.0	36.9	36.6
380	780.0	-80.0	4.0	0.0	37.1	36.6
381	800.0	-80.0	4.0	0.0	37.2	36.6
382	820.0	-80.0	4.0	0.0	37.4	36.6
383	840.0	-80.0	4.0	0.0	37.4	36.6
384	860.0	-80.0	4.0	0.0	37.4	36.6
385	880.0	-80.0	4.0	0.0	37.2	36.6
386	900.0	-80.0	4.0	0.0	37.2	36.5
387	920.0	-80.0	4.0	0.0	37.1	36.5
388	940.0	-80.0	4.0	0.0	37.1	36.5
389	960.0	-80.0	4.0	0.0	37.1	36.5
390	980.0	-80.0	4.0	0.0	37.1	36.4
391	1000.0	-80.0	4.0	0.0	37.0	36.4
392	1020.0	-80.0	4.0	0.0	37.0	36.3
393	1040.0	-80.0	4.0	0.0	36.9	36.3
394	1060.0	-80.0	4.0	0.0	36.9	36.2
395	1080.0	-80.0	4.0	0.0	36.8	36.2
396	1100.0	-80.0	4.0	0.0	36.8	36.1
397	1120.0	-80.0	4.0	0.0	36.7	36.0
398	1140.0	-80.0	4.0	0.0	36.6	36.0
399	1160.0	-80.0	4.0	0.0	36.6	35.9
400	1180.0	-80.0	4.0	0.0	36.5	35.8
401	1200.0	-80.0	4.0	0.0	36.4	35.8
402	1220.0	-80.0	4.0	0.0	36.3	35.7
403	1240.0	-80.0	4.0	0.0	36.3	35.6
404	1260.0	-80.0	4.0	0.0	36.2	35.5
405	1280.0	-80.0	4.0	0.0	36.1	35.4
406	1300.0	-80.0	4.0	0.0	36.0	35.3
407	1320.0	-80.0	4.0	0.0	35.9	35.2
408	1340.0	-80.0	4.0	0.0	35.8	35.1
409	1360.0	-80.0	4.0	0.0	35.7	35.1
410	1380.0	-80.0	4.0	0.0	35.6	35.0
411	1400.0	-80.0	4.0	0.0	35.5	34.9
412	1420.0	-80.0	4.0	0.0	35.4	34.8
413	1440.0	-80.0	4.0	0.0	35.3	34.6
414	1460.0	-80.0	4.0	0.0	35.2	34.5
415	1480.0	-80.0	4.0	0.0	35.1	34.4
416	1500.0	-80.0	4.0	0.0	35.0	34.3
417	1520.0	-80.0	4.0	0.0	34.9	34.2
418	1540.0	-80.0	4.0	0.0	34.8	34.1
419	1560.0	-80.0	4.0	0.0	34.7	34.0
420	1580.0	-80.0	4.0	0.0	34.6	33.9
421	1600.0	-80.0	4.0	0.0	34.5	33.8
422	1620.0	-80.0	4.0	0.0	34.3	33.6
423	1640.0	-80.0	4.0	0.0	34.2	33.5
424	1660.0	-80.0	4.0	0.0	34.1	33.4
425	1680.0	-80.0	4.0	0.0	34.0	33.3
426	0.0	-100.0	4.0	0.0	34.0	34.0
427	20.0	-100.0	4.0	0.0	34.1	34.1
428	40.0	-100.0	4.0	0.0	34.2	34.2
429	60.0	-100.0	4.0	0.0	34.4	34.3
430	80.0	-100.0	4.0	0.0	34.5	34.5
431	100.0	-100.0	4.0	0.0	34.6	34.6
432	120.0	-100.0	4.0	0.0	34.7	34.7
433	140.0	-100.0	4.0	0.0	34.8	34.8
434	160.0	-100.0	4.0	0.0	34.9	34.9
435	180.0	-100.0	4.0	0.0	35.0	35.0
436	200.0	-100.0	4.0	0.0	35.1	35.1
437	220.0	-100.0	4.0	0.0	35.2	35.2
438	240.0	-100.0	4.0	0.0	35.3	35.3
439	260.0	-100.0	4.0	0.0	36.8	36.6
440	280.0	-100.0	4.0	0.0	36.9	36.7
441	300.0	-100.0	4.0	0.0	37.0	36.7
442	320.0	-100.0	4.0	0.0	35.7	35.6
443	340.0	-100.0	4.0	0.0	35.7	35.7
444	360.0	-100.0	4.0	0.0	35.8	35.8
445	380.0	-100.0	4.0	0.0	35.9	35.9
446	400.0	-100.0	4.0	0.0	36.0	36.0
447	420.0	-100.0	4.0	0.0	36.1	36.0
448	440.0	-100.0	4.0	0.0	36.1	36.1
449	460.0	-100.0	4.0	0.0	36.2	36.2

450	480.0	-100.0	4.0	0.0	36.3	36.2
451	500.0	-100.0	4.0	0.0	36.3	36.3
452	520.0	-100.0	4.0	0.0	36.4	36.4
453	540.0	-100.0	4.0	0.0	36.4	36.4
454	560.0	-100.0	4.0	0.0	36.5	36.5
455	580.0	-100.0	4.0	0.0	36.5	36.5
456	600.0	-100.0	4.0	0.0	36.6	36.6
457	620.0	-100.0	4.0	0.0	36.7	36.6
458	640.0	-100.0	4.0	0.0	36.7	36.6
459	660.0	-100.0	4.0	0.0	36.8	36.7
460	680.0	-100.0	4.0	0.0	36.8	36.7
461	700.0	-100.0	4.0	0.0	37.0	36.7
462	720.0	-100.0	4.0	0.0	37.1	36.8
463	740.0	-100.0	4.0	0.0	37.1	36.8
464	760.0	-100.0	4.0	0.0	37.1	36.8
465	780.0	-100.0	4.0	0.0	37.3	36.8
466	800.0	-100.0	4.0	0.0	37.4	36.8
467	820.0	-100.0	4.0	0.0	37.6	36.9
468	840.0	-100.0	4.0	0.0	37.6	36.9
469	860.0	-100.0	4.0	0.0	37.6	36.8
470	880.0	-100.0	4.0	0.0	37.4	36.8
471	900.0	-100.0	4.0	0.0	37.4	36.8
472	920.0	-100.0	4.0	0.0	37.4	36.7
473	940.0	-100.0	4.0	0.0	37.3	36.7
474	960.0	-100.0	4.0	0.0	37.3	36.7
475	980.0	-100.0	4.0	0.0	37.3	36.6
476	1000.0	-100.0	4.0	0.0	37.2	36.6
477	1020.0	-100.0	4.0	0.0	37.2	36.5
478	1040.0	-100.0	4.0	0.0	37.1	36.5
479	1060.0	-100.0	4.0	0.0	37.1	36.4
480	1080.0	-100.0	4.0	0.0	37.0	36.4
481	1100.0	-100.0	4.0	0.0	37.0	36.3
482	1120.0	-100.0	4.0	0.0	36.9	36.2
483	1140.0	-100.0	4.0	0.0	36.8	36.2
484	1160.0	-100.0	4.0	0.0	36.8	36.1
485	1180.0	-100.0	4.0	0.0	36.7	36.0
486	1200.0	-100.0	4.0	0.0	36.6	36.0
487	1220.0	-100.0	4.0	0.0	36.5	35.9
488	1240.0	-100.0	4.0	0.0	36.5	35.8
489	1260.0	-100.0	4.0	0.0	36.4	35.7
490	1280.0	-100.0	4.0	0.0	36.3	35.6
491	1300.0	-100.0	4.0	0.0	36.2	35.5
492	1320.0	-100.0	4.0	0.0	36.1	35.4
493	1340.0	-100.0	4.0	0.0	36.0	35.3
494	1360.0	-100.0	4.0	0.0	35.9	35.2
495	1380.0	-100.0	4.0	0.0	35.8	35.1
496	1400.0	-100.0	4.0	0.0	35.7	35.0
497	1420.0	-100.0	4.0	0.0	35.6	34.9
498	1440.0	-100.0	4.0	0.0	35.5	34.8
499	1460.0	-100.0	4.0	0.0	35.4	34.7
500	1480.0	-100.0	4.0	0.0	35.3	34.6
501	1500.0	-100.0	4.0	0.0	35.2	34.5
502	1520.0	-100.0	4.0	0.0	35.1	34.4
503	1540.0	-100.0	4.0	0.0	34.9	34.2
504	1560.0	-100.0	4.0	0.0	34.8	34.1
505	1580.0	-100.0	4.0	0.0	34.7	34.0
506	1600.0	-100.0	4.0	0.0	34.6	33.9
507	1620.0	-100.0	4.0	0.0	34.5	33.8
508	1640.0	-100.0	4.0	0.0	34.4	33.7
509	1660.0	-100.0	4.0	0.0	34.2	33.5
510	1680.0	-100.0	4.0	0.0	34.1	33.4
511	0.0	-120.0	4.0	0.0	34.2	34.2
512	20.0	-120.0	4.0	0.0	34.3	34.3
513	40.0	-120.0	4.0	0.0	34.4	34.4
514	60.0	-120.0	4.0	0.0	34.5	34.5
515	80.0	-120.0	4.0	0.0	34.6	34.6
516	100.0	-120.0	4.0	0.0	34.7	34.7
517	120.0	-120.0	4.0	0.0	34.8	34.8
518	140.0	-120.0	4.0	0.0	34.9	34.9
519	160.0	-120.0	4.0	0.0	35.1	35.1
520	180.0	-120.0	4.0	0.0	35.2	35.2
521	200.0	-120.0	4.0	0.0	35.3	35.3
522	220.0	-120.0	4.0	0.0	35.4	35.4
523	240.0	-120.0	4.0	0.0	35.5	35.5
524	260.0	-120.0	4.0	0.0	37.0	36.7
525	280.0	-120.0	4.0	0.0	37.0	36.8
526	300.0	-120.0	4.0	0.0	37.1	36.9
527	320.0	-120.0	4.0	0.0	35.8	35.8
528	340.0	-120.0	4.0	0.0	35.9	35.9
529	360.0	-120.0	4.0	0.0	36.0	36.0
530	380.0	-120.0	4.0	0.0	36.1	36.1
531	400.0	-120.0	4.0	0.0	36.2	36.2
532	420.0	-120.0	4.0	0.0	36.2	36.2
533	440.0	-120.0	4.0	0.0	36.3	36.3
534	460.0	-120.0	4.0	0.0	36.4	36.4

535	480.0	-120.0	4.0	0.0	36.5	36.4
536	500.0	-120.0	4.0	0.0	36.5	36.5
537	520.0	-120.0	4.0	0.0	36.6	36.6
538	540.0	-120.0	4.0	0.0	36.6	36.6
539	560.0	-120.0	4.0	0.0	36.7	36.7
540	580.0	-120.0	4.0	0.0	36.8	36.7
541	600.0	-120.0	4.0	0.0	36.8	36.8
542	620.0	-120.0	4.0	0.0	36.9	36.8
543	640.0	-120.0	4.0	0.0	36.9	36.8
544	660.0	-120.0	4.0	0.0	37.0	36.9
545	680.0	-120.0	4.0	0.0	37.0	36.9
546	700.0	-120.0	4.0	0.0	37.3	36.9
547	720.0	-120.0	4.0	0.0	37.3	37.0
548	740.0	-120.0	4.0	0.0	37.3	37.0
549	760.0	-120.0	4.0	0.0	37.3	37.0
550	780.0	-120.0	4.0	0.0	37.5	37.0
551	800.0	-120.0	4.0	0.0	37.6	37.1
552	820.0	-120.0	4.0	0.0	37.9	37.1
553	840.0	-120.0	4.0	0.0	37.8	37.1
554	860.0	-120.0	4.0	0.0	37.8	37.0
555	880.0	-120.0	4.0	0.0	37.6	37.0
556	900.0	-120.0	4.0	0.0	37.6	37.0
557	920.0	-120.0	4.0	0.0	37.6	37.0
558	940.0	-120.0	4.0	0.0	37.6	36.9
559	960.0	-120.0	4.0	0.0	37.5	36.9
560	980.0	-120.0	4.0	0.0	37.5	36.8
561	1000.0	-120.0	4.0	0.0	37.4	36.8
562	1020.0	-120.0	4.0	0.0	37.4	36.8
563	1040.0	-120.0	4.0	0.0	37.4	36.7
564	1060.0	-120.0	4.0	0.0	37.3	36.6
565	1080.0	-120.0	4.0	0.0	37.2	36.6
566	1100.0	-120.0	4.0	0.0	37.2	36.5
567	1120.0	-120.0	4.0	0.0	37.1	36.4
568	1140.0	-120.0	4.0	0.0	37.0	36.4
569	1160.0	-120.0	4.0	0.0	37.0	36.3
570	1180.0	-120.0	4.0	0.0	36.9	36.2
571	1200.0	-120.0	4.0	0.0	36.8	36.1
572	1220.0	-120.0	4.0	0.0	36.7	36.1
573	1240.0	-120.0	4.0	0.0	36.6	36.0
574	1260.0	-120.0	4.0	0.0	36.6	35.9
575	1280.0	-120.0	4.0	0.0	36.5	35.8
576	1300.0	-120.0	4.0	0.0	36.4	35.7
577	1320.0	-120.0	4.0	0.0	36.3	35.6
578	1340.0	-120.0	4.0	0.0	36.2	35.5
579	1360.0	-120.0	4.0	0.0	36.1	35.4
580	1380.0	-120.0	4.0	0.0	36.0	35.3
581	1400.0	-120.0	4.0	0.0	35.9	35.2
582	1420.0	-120.0	4.0	0.0	35.8	35.1
583	1440.0	-120.0	4.0	0.0	35.7	34.9
584	1460.0	-120.0	4.0	0.0	35.5	34.8
585	1480.0	-120.0	4.0	0.0	35.4	34.7
586	1500.0	-120.0	4.0	0.0	35.3	34.6
587	1520.0	-120.0	4.0	0.0	35.2	34.5
588	1540.0	-120.0	4.0	0.0	35.1	34.4
589	1560.0	-120.0	4.0	0.0	35.0	34.3
590	1580.0	-120.0	4.0	0.0	34.8	34.1
591	1600.0	-120.0	4.0	0.0	34.7	34.0
592	1620.0	-120.0	4.0	0.0	34.6	33.9
593	1640.0	-120.0	4.0	0.0	34.5	33.8
594	1660.0	-120.0	4.0	0.0	34.4	33.7
595	1680.0	-120.0	4.0	0.0	34.3	33.5
596	0.0	-140.0	4.0	0.0	34.3	34.3
597	20.0	-140.0	4.0	0.0	34.4	34.4
598	40.0	-140.0	4.0	0.0	34.5	34.5
599	60.0	-140.0	4.0	0.0	34.7	34.7
600	80.0	-140.0	4.0	0.0	34.8	34.8
601	100.0	-140.0	4.0	0.0	34.9	34.9
602	120.0	-140.0	4.0	0.0	35.0	35.0
603	140.0	-140.0	4.0	0.0	35.1	35.1
604	160.0	-140.0	4.0	0.0	35.2	35.2
605	180.0	-140.0	4.0	0.0	35.3	35.3
606	200.0	-140.0	4.0	0.0	35.4	35.4
607	220.0	-140.0	4.0	0.0	35.5	35.5
608	240.0	-140.0	4.0	0.0	35.6	35.6
609	260.0	-140.0	4.0	0.0	37.1	36.9
610	280.0	-140.0	4.0	0.0	37.2	36.9
611	300.0	-140.0	4.0	0.0	37.2	37.0
612	320.0	-140.0	4.0	0.0	36.0	36.0
613	340.0	-140.0	4.0	0.0	36.1	36.1
614	360.0	-140.0	4.0	0.0	36.2	36.2
615	380.0	-140.0	4.0	0.0	36.3	36.3
616	400.0	-140.0	4.0	0.0	36.4	36.4
617	420.0	-140.0	4.0	0.0	36.4	36.4
618	440.0	-140.0	4.0	0.0	36.5	36.5
619	460.0	-140.0	4.0	0.0	36.6	36.6

620	480.0	-140.0	4.0	0.0	36.7	36.7
621	500.0	-140.0	4.0	0.0	36.7	36.7
622	520.0	-140.0	4.0	0.0	36.8	36.8
623	540.0	-140.0	4.0	0.0	36.9	36.8
624	560.0	-140.0	4.0	0.0	36.9	36.9
625	580.0	-140.0	4.0	0.0	37.0	36.9
626	600.0	-140.0	4.0	0.0	37.0	37.0
627	620.0	-140.0	4.0	0.0	37.1	37.0
628	640.0	-140.0	4.0	0.0	37.1	37.1
629	660.0	-140.0	4.0	0.0	37.2	37.1
630	680.0	-140.0	4.0	0.0	37.2	37.1
631	700.0	-140.0	4.0	0.0	37.3	37.2
632	720.0	-140.0	4.0	0.0	37.5	37.2
633	740.0	-140.0	4.0	0.0	37.5	37.2
634	760.0	-140.0	4.0	0.0	37.5	37.2
635	780.0	-140.0	4.0	0.0	37.7	37.2
636	800.0	-140.0	4.0	0.0	37.8	37.3
637	820.0	-140.0	4.0	0.0	38.1	37.3
638	840.0	-140.0	4.0	0.0	38.1	37.3
639	860.0	-140.0	4.0	0.0	38.1	37.3
640	880.0	-140.0	4.0	0.0	37.8	37.2
641	900.0	-140.0	4.0	0.0	37.8	37.2
642	920.0	-140.0	4.0	0.0	37.8	37.2
643	940.0	-140.0	4.0	0.0	37.8	37.1
644	960.0	-140.0	4.0	0.0	37.7	37.1
645	980.0	-140.0	4.0	0.0	37.7	37.1
646	1000.0	-140.0	4.0	0.0	37.7	37.0
647	1020.0	-140.0	4.0	0.0	37.6	37.0
648	1040.0	-140.0	4.0	0.0	37.6	36.9
649	1060.0	-140.0	4.0	0.0	37.5	36.9
650	1080.0	-140.0	4.0	0.0	37.5	36.8
651	1100.0	-140.0	4.0	0.0	37.4	36.7
652	1120.0	-140.0	4.0	0.0	37.3	36.7
653	1140.0	-140.0	4.0	0.0	37.2	36.6
654	1160.0	-140.0	4.0	0.0	37.2	36.5
655	1180.0	-140.0	4.0	0.0	37.1	36.4
656	1200.0	-140.0	4.0	0.0	37.0	36.3
657	1220.0	-140.0	4.0	0.0	36.9	36.2
658	1240.0	-140.0	4.0	0.0	36.8	36.1
659	1260.0	-140.0	4.0	0.0	36.7	36.0
660	1280.0	-140.0	4.0	0.0	36.6	36.0
661	1300.0	-140.0	4.0	0.0	36.5	35.9
662	1320.0	-140.0	4.0	0.0	36.4	35.8
663	1340.0	-140.0	4.0	0.0	36.3	35.6
664	1360.0	-140.0	4.0	0.0	36.2	35.5
665	1380.0	-140.0	4.0	0.0	36.1	35.4
666	1400.0	-140.0	4.0	0.0	36.0	35.3
667	1420.0	-140.0	4.0	0.0	35.9	35.2
668	1440.0	-140.0	4.0	0.0	35.8	35.1
669	1460.0	-140.0	4.0	0.0	35.7	35.0
670	1480.0	-140.0	4.0	0.0	35.6	34.9
671	1500.0	-140.0	4.0	0.0	35.5	34.8
672	1520.0	-140.0	4.0	0.0	35.4	34.6
673	1540.0	-140.0	4.0	0.0	35.2	34.5
674	1560.0	-140.0	4.0	0.0	35.1	34.4
675	1580.0	-140.0	4.0	0.0	35.0	34.3
676	1600.0	-140.0	4.0	0.0	34.9	34.2
677	1620.0	-140.0	4.0	0.0	34.7	33.9
678	1640.0	-140.0	4.0	0.0	34.2	33.3
679	1660.0	-140.0	4.0	0.0	33.5	32.6
680	1680.0	-140.0	4.0	0.0	33.4	32.5
681	0.0	-160.0	4.0	0.0	34.4	34.4
682	20.0	-160.0	4.0	0.0	34.6	34.6
683	40.0	-160.0	4.0	0.0	34.7	34.7
684	60.0	-160.0	4.0	0.0	34.8	34.8
685	80.0	-160.0	4.0	0.0	34.9	34.9
686	100.0	-160.0	4.0	0.0	35.0	35.0
687	120.0	-160.0	4.0	0.0	35.2	35.2
688	140.0	-160.0	4.0	0.0	35.3	35.3
689	160.0	-160.0	4.0	0.0	35.4	35.4
690	180.0	-160.0	4.0	0.0	35.5	35.5
691	200.0	-160.0	4.0	0.0	35.6	35.6
692	220.0	-160.0	4.0	0.0	35.7	35.7
693	240.0	-160.0	4.0	0.0	35.8	35.8
694	260.0	-160.0	4.0	0.0	35.9	35.9
695	280.0	-160.0	4.0	0.0	36.0	36.0
696	300.0	-160.0	4.0	0.0	36.1	36.1
697	320.0	-160.0	4.0	0.0	36.2	36.2
698	340.0	-160.0	4.0	0.0	36.3	36.3
699	360.0	-160.0	4.0	0.0	36.4	36.4
700	380.0	-160.0	4.0	0.0	36.5	36.5
701	400.0	-160.0	4.0	0.0	36.6	36.6
702	420.0	-160.0	4.0	0.0	36.6	36.6
703	440.0	-160.0	4.0	0.0	36.7	36.7
704	460.0	-160.0	4.0	0.0	36.8	36.8

705	480.0	-160.0	4.0	0.0	36.9	36.9
706	500.0	-160.0	4.0	0.0	36.9	36.9
707	520.0	-160.0	4.0	0.0	37.0	37.0
708	540.0	-160.0	4.0	0.0	37.1	37.1
709	560.0	-160.0	4.0	0.0	37.1	37.1
710	580.0	-160.0	4.0	0.0	37.2	37.2
711	600.0	-160.0	4.0	0.0	37.2	37.2
712	620.0	-160.0	4.0	0.0	37.3	37.3
713	640.0	-160.0	4.0	0.0	37.3	37.3
714	660.0	-160.0	4.0	0.0	37.4	37.3
715	680.0	-160.0	4.0	0.0	37.5	37.4
716	700.0	-160.0	4.0	0.0	37.5	37.4
717	720.0	-160.0	4.0	0.0	37.7	37.4
718	740.0	-160.0	4.0	0.0	37.8	37.4
719	760.0	-160.0	4.0	0.0	37.8	37.5
720	780.0	-160.0	4.0	0.0	37.8	37.5
721	800.0	-160.0	4.0	0.0	38.0	37.5
722	820.0	-160.0	4.0	0.0	38.0	37.5
723	840.0	-160.0	4.0	0.0	38.3	37.5
724	860.0	-160.0	4.0	0.0	38.3	37.5
725	880.0	-160.0	4.0	0.0	38.1	37.5
726	900.0	-160.0	4.0	0.0	38.1	37.4
727	920.0	-160.0	4.0	0.0	38.0	37.4
728	940.0	-160.0	4.0	0.0	38.0	37.4
729	960.0	-160.0	4.0	0.0	38.0	37.3
730	980.0	-160.0	4.0	0.0	37.9	37.3
731	1000.0	-160.0	4.0	0.0	37.9	37.2
732	1020.0	-160.0	4.0	0.0	37.8	37.2
733	1040.0	-160.0	4.0	0.0	37.8	37.1
734	1060.0	-160.0	4.0	0.0	37.7	37.1
735	1080.0	-160.0	4.0	0.0	37.7	37.0
736	1100.0	-160.0	4.0	0.0	37.6	36.9
737	1120.0	-160.0	4.0	0.0	37.5	36.8
738	1140.0	-160.0	4.0	0.0	37.4	36.8
739	1160.0	-160.0	4.0	0.0	37.4	36.7
740	1180.0	-160.0	4.0	0.0	37.3	36.6
741	1200.0	-160.0	4.0	0.0	37.2	36.5
742	1220.0	-160.0	4.0	0.0	37.1	36.4
743	1240.0	-160.0	4.0	0.0	37.0	36.3
744	1260.0	-160.0	4.0	0.0	36.9	36.2
745	1280.0	-160.0	4.0	0.0	36.8	36.1
746	1300.0	-160.0	4.0	0.0	36.7	36.0
747	1320.0	-160.0	4.0	0.0	36.6	35.9
748	1340.0	-160.0	4.0	0.0	36.5	35.8
749	1360.0	-160.0	4.0	0.0	36.4	35.7
750	1380.0	-160.0	4.0	0.0	36.3	35.6
751	1400.0	-160.0	4.0	0.0	36.2	35.5
752	1420.0	-160.0	4.0	0.0	36.1	35.4
753	1440.0	-160.0	4.0	0.0	36.0	35.3
754	1460.0	-160.0	4.0	0.0	35.9	35.1
755	1480.0	-160.0	4.0	0.0	35.7	35.0
756	1500.0	-160.0	4.0	0.0	35.6	34.9
757	1520.0	-160.0	4.0	0.0	35.5	34.8
758	1540.0	-160.0	4.0	0.0	35.2	34.5
759	1560.0	-160.0	4.0	0.0	34.3	33.4
760	1580.0	-160.0	4.0	0.0	34.2	33.2
761	1600.0	-160.0	4.0	0.0	34.0	33.1
762	1620.0	-160.0	4.0	0.0	33.9	32.9
763	1640.0	-160.0	4.0	0.0	33.7	32.8
764	1660.0	-160.0	4.0	0.0	33.6	32.6
765	1680.0	-160.0	4.0	0.0	33.4	32.5
766	0.0	-180.0	4.0	0.0	34.6	34.6
767	20.0	-180.0	4.0	0.0	34.7	34.7
768	40.0	-180.0	4.0	0.0	34.8	34.8
769	60.0	-180.0	4.0	0.0	35.0	35.0
770	80.0	-180.0	4.0	0.0	35.1	35.1
771	100.0	-180.0	4.0	0.0	35.2	35.2
772	120.0	-180.0	4.0	0.0	35.3	35.3
773	140.0	-180.0	4.0	0.0	35.4	35.4
774	160.0	-180.0	4.0	0.0	35.5	35.5
775	180.0	-180.0	4.0	0.0	35.7	35.7
776	200.0	-180.0	4.0	0.0	35.8	35.8
777	220.0	-180.0	4.0	0.0	35.9	35.9
778	240.0	-180.0	4.0	0.0	36.0	36.0
779	260.0	-180.0	4.0	0.0	36.1	36.1
780	280.0	-180.0	4.0	0.0	36.2	36.2
781	300.0	-180.0	4.0	0.0	36.3	36.3
782	320.0	-180.0	4.0	0.0	36.4	36.4
783	340.0	-180.0	4.0	0.0	36.5	36.5
784	360.0	-180.0	4.0	0.0	36.6	36.6
785	380.0	-180.0	4.0	0.0	36.7	36.7
786	400.0	-180.0	4.0	0.0	36.8	36.8
787	420.0	-180.0	4.0	0.0	36.8	36.8
788	440.0	-180.0	4.0	0.0	36.9	36.9
789	460.0	-180.0	4.0	0.0	37.0	37.0

790	480.0	-180.0	4.0	0.0	37.1	37.1
791	500.0	-180.0	4.0	0.0	37.2	37.1
792	520.0	-180.0	4.0	0.0	37.2	37.2
793	540.0	-180.0	4.0	0.0	37.3	37.3
794	560.0	-180.0	4.0	0.0	37.3	37.3
795	580.0	-180.0	4.0	0.0	37.4	37.4
796	600.0	-180.0	4.0	0.0	37.5	37.4
797	620.0	-180.0	4.0	0.0	37.5	37.5
798	640.0	-180.0	4.0	0.0	37.6	37.5
799	660.0	-180.0	4.0	0.0	37.6	37.6
800	680.0	-180.0	4.0	0.0	37.7	37.6
801	700.0	-180.0	4.0	0.0	37.7	37.6
802	720.0	-180.0	4.0	0.0	38.0	37.6
803	740.0	-180.0	4.0	0.0	38.0	37.7
804	760.0	-180.0	4.0	0.0	38.0	37.7
805	780.0	-180.0	4.0	0.0	38.0	37.7
806	800.0	-180.0	4.0	0.0	38.2	37.7
807	820.0	-180.0	4.0	0.0	38.3	37.8
808	840.0	-180.0	4.0	0.0	38.5	37.8
809	860.0	-180.0	4.0	0.0	38.5	37.7
810	880.0	-180.0	4.0	0.0	38.3	37.7
811	900.0	-180.0	4.0	0.0	38.3	37.7
812	920.0	-180.0	4.0	0.0	38.3	37.6
813	940.0	-180.0	4.0	0.0	38.2	37.6
814	960.0	-180.0	4.0	0.0	38.2	37.6
815	980.0	-180.0	4.0	0.0	38.2	37.5
816	1000.0	-180.0	4.0	0.0	38.1	37.5
817	1020.0	-180.0	4.0	0.0	38.1	37.4
818	1040.0	-180.0	4.0	0.0	38.0	37.3
819	1060.0	-180.0	4.0	0.0	37.9	37.3
820	1080.0	-180.0	4.0	0.0	37.9	37.2
821	1100.0	-180.0	4.0	0.0	37.8	37.1
822	1120.0	-180.0	4.0	0.0	37.7	37.0
823	1140.0	-180.0	4.0	0.0	37.6	37.0
824	1160.0	-180.0	4.0	0.0	37.6	36.9
825	1180.0	-180.0	4.0	0.0	37.5	36.8
826	1200.0	-180.0	4.0	0.0	37.4	36.7
827	1220.0	-180.0	4.0	0.0	37.3	36.6
828	1240.0	-180.0	4.0	0.0	37.2	36.5
829	1260.0	-180.0	4.0	0.0	37.1	36.4
830	1280.0	-180.0	4.0	0.0	37.0	36.3
831	1300.0	-180.0	4.0	0.0	36.9	36.2
832	1320.0	-180.0	4.0	0.0	36.8	36.1
833	1340.0	-180.0	4.0	0.0	36.7	36.0
834	1360.0	-180.0	4.0	0.0	36.6	35.9
835	1380.0	-180.0	4.0	0.0	36.5	35.8
836	1400.0	-180.0	4.0	0.0	36.4	35.7
837	1420.0	-180.0	4.0	0.0	36.3	35.5
838	1440.0	-180.0	4.0	0.0	36.1	35.4
839	1460.0	-180.0	4.0	0.0	35.9	35.1
840	1480.0	-180.0	4.0	0.0	34.9	34.0
841	1500.0	-180.0	4.0	0.0	34.8	33.9
842	1520.0	-180.0	4.0	0.0	34.7	33.7
843	1540.0	-180.0	4.0	0.0	34.5	33.6
844	1560.0	-180.0	4.0	0.0	34.4	33.4
845	1580.0	-180.0	4.0	0.0	34.2	33.3
846	1600.0	-180.0	4.0	0.0	34.1	33.1
847	1620.0	-180.0	4.0	0.0	33.9	33.0
848	1640.0	-180.0	4.0	0.0	33.8	32.8
849	1660.0	-180.0	4.0	0.0	32.7	31.4
850	1680.0	-180.0	4.0	0.0	32.2	30.8
851	0.0	-200.0	4.0	0.0	34.7	34.7
852	20.0	-200.0	4.0	0.0	34.9	34.9
853	40.0	-200.0	4.0	0.0	35.0	35.0
854	60.0	-200.0	4.0	0.0	35.1	35.1
855	80.0	-200.0	4.0	0.0	35.2	35.2
856	100.0	-200.0	4.0	0.0	35.4	35.3
857	120.0	-200.0	4.0	0.0	35.5	35.5
858	140.0	-200.0	4.0	0.0	35.6	35.6
859	160.0	-200.0	4.0	0.0	35.7	35.7
860	180.0	-200.0	4.0	0.0	35.8	35.8
861	200.0	-200.0	4.0	0.0	35.9	35.9
862	220.0	-200.0	4.0	0.0	36.1	36.0
863	240.0	-200.0	4.0	0.0	36.2	36.2
864	260.0	-200.0	4.0	0.0	36.3	36.3
865	280.0	-200.0	4.0	0.0	36.4	36.4
866	300.0	-200.0	4.0	0.0	36.5	36.5
867	320.0	-200.0	4.0	0.0	36.6	36.6
868	340.0	-200.0	4.0	0.0	36.7	36.7
869	360.0	-200.0	4.0	0.0	36.8	36.8
870	380.0	-200.0	4.0	0.0	36.9	36.9
871	400.0	-200.0	4.0	0.0	37.0	37.0
872	420.0	-200.0	4.0	0.0	37.1	37.0
873	440.0	-200.0	4.0	0.0	37.1	37.1
874	460.0	-200.0	4.0	0.0	37.2	37.2

875	480.0	-200.0	4.0	0.0	37.3	37.3
876	500.0	-200.0	4.0	0.0	37.4	37.4
877	520.0	-200.0	4.0	0.0	37.4	37.4
878	540.0	-200.0	4.0	0.0	37.5	37.5
879	560.0	-200.0	4.0	0.0	37.6	37.6
880	580.0	-200.0	4.0	0.0	37.6	37.6
881	600.0	-200.0	4.0	0.0	37.7	37.7
882	620.0	-200.0	4.0	0.0	37.7	37.7
883	640.0	-200.0	4.0	0.0	37.8	37.8
884	660.0	-200.0	4.0	0.0	37.8	37.8
885	680.0	-200.0	4.0	0.0	37.9	37.8
886	700.0	-200.0	4.0	0.0	38.0	37.9
887	720.0	-200.0	4.0	0.0	38.2	37.9
888	740.0	-200.0	4.0	0.0	38.2	37.9
889	760.0	-200.0	4.0	0.0	38.3	37.9
890	780.0	-200.0	4.0	0.0	38.2	37.9
891	800.0	-200.0	4.0	0.0	38.5	37.9
892	820.0	-200.0	4.0	0.0	38.5	38.0
893	840.0	-200.0	4.0	0.0	38.8	38.0
894	860.0	-200.0	4.0	0.0	38.8	38.0
895	880.0	-200.0	4.0	0.0	38.6	37.9
896	900.0	-200.0	4.0	0.0	38.5	37.9
897	920.0	-200.0	4.0	0.0	38.5	37.9
898	940.0	-200.0	4.0	0.0	38.5	37.8
899	960.0	-200.0	4.0	0.0	38.4	37.8
900	980.0	-200.0	4.0	0.0	38.4	37.7
901	1000.0	-200.0	4.0	0.0	38.3	37.7
902	1020.0	-200.0	4.0	0.0	38.3	37.6
903	1040.0	-200.0	4.0	0.0	38.2	37.5
904	1060.0	-200.0	4.0	0.0	38.2	37.5
905	1080.0	-200.0	4.0	0.0	38.1	37.4
906	1100.0	-200.0	4.0	0.0	38.0	37.3
907	1120.0	-200.0	4.0	0.0	37.9	37.2
908	1140.0	-200.0	4.0	0.0	37.8	37.2
909	1160.0	-200.0	4.0	0.0	37.8	37.1
910	1180.0	-200.0	4.0	0.0	37.7	37.0
911	1200.0	-200.0	4.0	0.0	37.6	36.9
912	1220.0	-200.0	4.0	0.0	37.5	36.8
913	1240.0	-200.0	4.0	0.0	37.4	36.7
914	1260.0	-200.0	4.0	0.0	37.3	36.6
915	1280.0	-200.0	4.0	0.0	37.2	36.5
916	1300.0	-200.0	4.0	0.0	37.1	36.4
917	1320.0	-200.0	4.0	0.0	37.0	36.3
918	1340.0	-200.0	4.0	0.0	36.9	36.2
919	1360.0	-200.0	4.0	0.0	36.7	36.0
920	1380.0	-200.0	4.0	0.0	36.2	35.4
921	1400.0	-200.0	4.0	0.0	35.6	34.6
922	1420.0	-200.0	4.0	0.0	35.4	34.5
923	1440.0	-200.0	4.0	0.0	35.3	34.4
924	1460.0	-200.0	4.0	0.0	35.1	34.2
925	1480.0	-200.0	4.0	0.0	35.0	34.1
926	1500.0	-200.0	4.0	0.0	34.9	33.9
927	1520.0	-200.0	4.0	0.0	34.7	33.8
928	1540.0	-200.0	4.0	0.0	34.6	33.6
929	1560.0	-200.0	4.0	0.0	34.2	33.2
930	1580.0	-200.0	4.0	0.0	33.0	31.6
931	1600.0	-200.0	4.0	0.0	32.8	31.4
932	1620.0	-200.0	4.0	0.0	32.7	31.3
933	1640.0	-200.0	4.0	0.0	32.5	31.1
934	1660.0	-200.0	4.0	0.0	32.3	30.9
935	1680.0	-200.0	4.0	0.0	32.1	30.7
936	0.0	-220.0	4.0	0.0	34.9	34.9
937	20.0	-220.0	4.0	0.0	35.0	35.0
938	40.0	-220.0	4.0	0.0	35.1	35.1
939	60.0	-220.0	4.0	0.0	35.3	35.3
940	80.0	-220.0	4.0	0.0	35.4	35.4
941	100.0	-220.0	4.0	0.0	35.5	35.5
942	120.0	-220.0	4.0	0.0	35.6	35.6
943	140.0	-220.0	4.0	0.0	35.8	35.8
944	160.0	-220.0	4.0	0.0	35.9	35.9
945	180.0	-220.0	4.0	0.0	36.0	36.0
946	200.0	-220.0	4.0	0.0	36.1	36.1
947	220.0	-220.0	4.0	0.0	36.2	36.2
948	240.0	-220.0	4.0	0.0	36.3	36.3
949	260.0	-220.0	4.0	0.0	36.5	36.5
950	280.0	-220.0	4.0	0.0	36.6	36.6
951	300.0	-220.0	4.0	0.0	36.7	36.7
952	320.0	-220.0	4.0	0.0	36.8	36.8
953	340.0	-220.0	4.0	0.0	36.9	36.9
954	360.0	-220.0	4.0	0.0	37.0	37.0
955	380.0	-220.0	4.0	0.0	37.1	37.1
956	400.0	-220.0	4.0	0.0	37.2	37.2
957	420.0	-220.0	4.0	0.0	37.3	37.3
958	440.0	-220.0	4.0	0.0	37.3	37.3
959	460.0	-220.0	4.0	0.0	37.4	37.4

960	480.0	-220.0	4.0	0.0	37.5	37.5
961	500.0	-220.0	4.0	0.0	37.6	37.6
962	520.0	-220.0	4.0	0.0	37.7	37.7
963	540.0	-220.0	4.0	0.0	37.7	37.7
964	560.0	-220.0	4.0	0.0	37.8	37.8
965	580.0	-220.0	4.0	0.0	37.9	37.8
966	600.0	-220.0	4.0	0.0	37.9	37.9
967	620.0	-220.0	4.0	0.0	38.0	37.9
968	640.0	-220.0	4.0	0.0	38.0	38.0
969	660.0	-220.0	4.0	0.0	38.1	38.0
970	680.0	-220.0	4.0	0.0	38.1	38.1
971	700.0	-220.0	4.0	0.0	38.2	38.1
972	720.0	-220.0	4.0	0.0	38.3	38.1
973	740.0	-220.0	4.0	0.0	38.5	38.2
974	760.0	-220.0	4.0	0.0	38.5	38.2
975	780.0	-220.0	4.0	0.0	38.5	38.2
976	800.0	-220.0	4.0	0.0	38.7	38.2
977	820.0	-220.0	4.0	0.0	38.7	38.2
978	840.0	-220.0	4.0	0.0	39.0	38.2
979	860.0	-220.0	4.0	0.0	39.0	38.2
980	880.0	-220.0	4.0	0.0	38.8	38.1
981	900.0	-220.0	4.0	0.0	38.7	38.1
982	920.0	-220.0	4.0	0.0	38.7	38.1
983	940.0	-220.0	4.0	0.0	38.7	38.0
984	960.0	-220.0	4.0	0.0	38.6	38.0
985	980.0	-220.0	4.0	0.0	38.6	37.9
986	1000.0	-220.0	4.0	0.0	38.6	37.9
987	1020.0	-220.0	4.0	0.0	38.5	37.8
988	1040.0	-220.0	4.0	0.0	38.4	37.8
989	1060.0	-220.0	4.0	0.0	38.4	37.7
990	1080.0	-220.0	4.0	0.0	38.3	37.6
991	1100.0	-220.0	4.0	0.0	38.2	37.5
992	1120.0	-220.0	4.0	0.0	38.1	37.5
993	1140.0	-220.0	4.0	0.0	38.1	37.4
994	1160.0	-220.0	4.0	0.0	38.0	37.3
995	1180.0	-220.0	4.0	0.0	37.9	37.2
996	1200.0	-220.0	4.0	0.0	37.8	37.1
997	1220.0	-220.0	4.0	0.0	37.7	37.0
998	1240.0	-220.0	4.0	0.0	37.6	36.9
999	1260.0	-220.0	4.0	0.0	37.5	36.8
1000	1280.0	-220.0	4.0	0.0	37.2	36.5
1001	1300.0	-220.0	4.0	0.0	36.3	35.4
1002	1320.0	-220.0	4.0	0.0	36.2	35.3
1003	1340.0	-220.0	4.0	0.0	36.1	35.1
1004	1360.0	-220.0	4.0	0.0	35.9	35.0
1005	1380.0	-220.0	4.0	0.0	35.8	34.8
1006	1400.0	-220.0	4.0	0.0	35.6	34.7
1007	1420.0	-220.0	4.0	0.0	35.5	34.5
1008	1440.0	-220.0	4.0	0.0	35.4	34.4
1009	1460.0	-220.0	4.0	0.0	35.2	34.3
1010	1480.0	-220.0	4.0	0.0	34.1	32.9
1011	1500.0	-220.0	4.0	0.0	33.6	32.2
1012	1520.0	-220.0	4.0	0.0	33.5	32.1
1013	1540.0	-220.0	4.0	0.0	33.3	31.9
1014	1560.0	-220.0	4.0	0.0	33.1	31.7
1015	1580.0	-220.0	4.0	0.0	33.0	31.5
1016	1600.0	-220.0	4.0	0.0	32.8	31.4
1017	1620.0	-220.0	4.0	0.0	32.6	31.2
1018	1640.0	-220.0	4.0	0.0	32.5	31.0
1019	1660.0	-220.0	4.0	0.0	32.3	30.8
1020	1680.0	-220.0	4.0	0.0	32.1	30.6
1021	0.0	-240.0	4.0	0.0	35.0	35.0
1022	20.0	-240.0	4.0	0.0	35.1	35.1
1023	40.0	-240.0	4.0	0.0	35.3	35.3
1024	60.0	-240.0	4.0	0.0	35.4	35.4
1025	80.0	-240.0	4.0	0.0	35.5	35.5
1026	100.0	-240.0	4.0	0.0	35.7	35.7
1027	120.0	-240.0	4.0	0.0	35.8	35.8
1028	140.0	-240.0	4.0	0.0	35.9	35.9
1029	160.0	-240.0	4.0	0.0	36.0	36.0
1030	180.0	-240.0	4.0	0.0	36.2	36.2
1031	200.0	-240.0	4.0	0.0	36.3	36.3
1032	220.0	-240.0	4.0	0.0	36.4	36.4
1033	240.0	-240.0	4.0	0.0	36.5	36.5
1034	260.0	-240.0	4.0	0.0	36.6	36.6
1035	280.0	-240.0	4.0	0.0	36.8	36.7
1036	300.0	-240.0	4.0	0.0	36.9	36.9
1037	320.0	-240.0	4.0	0.0	37.0	37.0
1038	340.0	-240.0	4.0	0.0	37.1	37.1
1039	360.0	-240.0	4.0	0.0	37.2	37.2
1040	380.0	-240.0	4.0	0.0	37.3	37.3
1041	400.0	-240.0	4.0	0.0	37.4	37.4
1042	420.0	-240.0	4.0	0.0	37.5	37.5
1043	440.0	-240.0	4.0	0.0	37.6	37.6
1044	460.0	-240.0	4.0	0.0	37.7	37.6

1045	480.0	-240.0	4.0	0.0	37.7	37.7
1046	500.0	-240.0	4.0	0.0	37.8	37.8
1047	520.0	-240.0	4.0	0.0	37.9	37.9
1048	540.0	-240.0	4.0	0.0	38.0	37.9
1049	560.0	-240.0	4.0	0.0	38.0	38.0
1050	580.0	-240.0	4.0	0.0	38.1	38.1
1051	600.0	-240.0	4.0	0.0	38.1	38.1
1052	620.0	-240.0	4.0	0.0	38.2	38.2
1053	640.0	-240.0	4.0	0.0	38.3	38.2
1054	660.0	-240.0	4.0	0.0	38.3	38.3
1055	680.0	-240.0	4.0	0.0	38.4	38.3
1056	700.0	-240.0	4.0	0.0	38.4	38.3
1057	720.0	-240.0	4.0	0.0	38.5	38.4
1058	740.0	-240.0	4.0	0.0	38.7	38.4
1059	760.0	-240.0	4.0	0.0	38.7	38.4
1060	780.0	-240.0	4.0	0.0	38.7	38.4
1061	800.0	-240.0	4.0	0.0	38.7	38.4
1062	820.0	-240.0	4.0	0.0	39.0	38.4
1063	840.0	-240.0	4.0	0.0	39.2	38.5
1064	860.0	-240.0	4.0	0.0	39.2	38.4
1065	880.0	-240.0	4.0	0.0	39.2	38.4
1066	900.0	-240.0	4.0	0.0	39.0	38.4
1067	920.0	-240.0	4.0	0.0	39.0	38.3
1068	940.0	-240.0	4.0	0.0	38.9	38.3
1069	960.0	-240.0	4.0	0.0	38.9	38.2
1070	980.0	-240.0	4.0	0.0	38.8	38.2
1071	1000.0	-240.0	4.0	0.0	38.8	38.1
1072	1020.0	-240.0	4.0	0.0	38.7	38.1
1073	1040.0	-240.0	4.0	0.0	38.7	38.0
1074	1060.0	-240.0	4.0	0.0	38.6	37.9
1075	1080.0	-240.0	4.0	0.0	38.5	37.8
1076	1100.0	-240.0	4.0	0.0	38.4	37.8
1077	1120.0	-240.0	4.0	0.0	38.4	37.7
1078	1140.0	-240.0	4.0	0.0	38.3	37.6
1079	1160.0	-240.0	4.0	0.0	38.2	37.5
1080	1180.0	-240.0	4.0	0.0	38.1	37.4
1081	1200.0	-240.0	4.0	0.0	37.8	37.1
1082	1220.0	-240.0	4.0	0.0	36.9	36.0
1083	1240.0	-240.0	4.0	0.0	36.8	35.9
1084	1260.0	-240.0	4.0	0.0	36.7	35.8
1085	1280.0	-240.0	4.0	0.0	36.5	35.6
1086	1300.0	-240.0	4.0	0.0	36.4	35.5
1087	1320.0	-240.0	4.0	0.0	36.3	35.3
1088	1340.0	-240.0	4.0	0.0	36.1	35.2
1089	1360.0	-240.0	4.0	0.0	36.0	35.0
1090	1380.0	-240.0	4.0	0.0	35.9	34.9
1091	1400.0	-240.0	4.0	0.0	34.8	33.5
1092	1420.0	-240.0	4.0	0.0	34.3	32.9
1093	1440.0	-240.0	4.0	0.0	34.1	32.7
1094	1460.0	-240.0	4.0	0.0	33.9	32.5
1095	1480.0	-240.0	4.0	0.0	33.8	32.3
1096	1500.0	-240.0	4.0	0.0	33.6	32.2
1097	1520.0	-240.0	4.0	0.0	33.4	32.0
1098	1540.0	-240.0	4.0	0.0	33.3	31.8
1099	1560.0	-240.0	4.0	0.0	33.1	31.6
1100	1580.0	-240.0	4.0	0.0	33.0	31.4
1101	1600.0	-240.0	4.0	0.0	32.8	31.3
1102	1620.0	-240.0	4.0	0.0	32.6	31.1
1103	1640.0	-240.0	4.0	0.0	32.5	31.0
1104	1660.0	-240.0	4.0	0.0	32.3	30.8
1105	1680.0	-240.0	4.0	0.0	32.2	30.6
1106	0.0	-260.0	4.0	0.0	35.2	35.2
1107	20.0	-260.0	4.0	0.0	35.3	35.3
1108	40.0	-260.0	4.0	0.0	35.4	35.4
1109	60.0	-260.0	4.0	0.0	35.6	35.6
1110	80.0	-260.0	4.0	0.0	35.7	35.7
1111	100.0	-260.0	4.0	0.0	35.8	35.8
1112	120.0	-260.0	4.0	0.0	36.0	35.9
1113	140.0	-260.0	4.0	0.0	36.1	36.1
1114	160.0	-260.0	4.0	0.0	36.2	36.2
1115	180.0	-260.0	4.0	0.0	36.3	36.3
1116	200.0	-260.0	4.0	0.0	36.5	36.5
1117	220.0	-260.0	4.0	0.0	36.6	36.6
1118	240.0	-260.0	4.0	0.0	36.7	36.7
1119	260.0	-260.0	4.0	0.0	36.8	36.8
1120	280.0	-260.0	4.0	0.0	36.9	36.9
1121	300.0	-260.0	4.0	0.0	37.1	37.1
1122	320.0	-260.0	4.0	0.0	37.2	37.2
1123	340.0	-260.0	4.0	0.0	37.3	37.3
1124	360.0	-260.0	4.0	0.0	37.4	37.4
1125	380.0	-260.0	4.0	0.0	37.5	37.5
1126	400.0	-260.0	4.0	0.0	37.6	37.6
1127	420.0	-260.0	4.0	0.0	37.7	37.7
1128	440.0	-260.0	4.0	0.0	37.8	37.8
1129	460.0	-260.0	4.0	0.0	37.9	37.9

1130	480.0	-260.0	4.0	0.0	38.0	38.0
1131	500.0	-260.0	4.0	0.0	38.0	38.0
1132	520.0	-260.0	4.0	0.0	38.1	38.1
1133	540.0	-260.0	4.0	0.0	38.2	38.2
1134	560.0	-260.0	4.0	0.0	38.3	38.2
1135	580.0	-260.0	4.0	0.0	38.3	38.3
1136	600.0	-260.0	4.0	0.0	38.4	38.4
1137	620.0	-260.0	4.0	0.0	38.4	38.4
1138	640.0	-260.0	4.0	0.0	38.5	38.5
1139	660.0	-260.0	4.0	0.0	38.5	38.5
1140	680.0	-260.0	4.0	0.0	38.6	38.5
1141	700.0	-260.0	4.0	0.0	38.6	38.6
1142	720.0	-260.0	4.0	0.0	38.7	38.6
1143	740.0	-260.0	4.0	0.0	38.9	38.6
1144	760.0	-260.0	4.0	0.0	39.0	38.6
1145	780.0	-260.0	4.0	0.0	39.0	38.6
1146	800.0	-260.0	4.0	0.0	39.0	38.6
1147	820.0	-260.0	4.0	0.0	39.2	38.7
1148	840.0	-260.0	4.0	0.0	39.5	38.7
1149	860.0	-260.0	4.0	0.0	39.5	38.7
1150	880.0	-260.0	4.0	0.0	39.5	38.6
1151	900.0	-260.0	4.0	0.0	39.2	38.6
1152	920.0	-260.0	4.0	0.0	39.2	38.6
1153	940.0	-260.0	4.0	0.0	39.2	38.5
1154	960.0	-260.0	4.0	0.0	39.1	38.5
1155	980.0	-260.0	4.0	0.0	39.1	38.4
1156	1000.0	-260.0	4.0	0.0	39.0	38.4
1157	1020.0	-260.0	4.0	0.0	39.0	38.3
1158	1040.0	-260.0	4.0	0.0	38.9	38.2
1159	1060.0	-260.0	4.0	0.0	38.8	38.2
1160	1080.0	-260.0	4.0	0.0	38.8	38.1
1161	1100.0	-260.0	4.0	0.0	38.6	37.9
1162	1120.0	-260.0	4.0	0.0	38.1	37.3
1163	1140.0	-260.0	4.0	0.0	37.5	36.6
1164	1160.0	-260.0	4.0	0.0	37.4	36.5
1165	1180.0	-260.0	4.0	0.0	37.3	36.4
1166	1200.0	-260.0	4.0	0.0	37.2	36.2
1167	1220.0	-260.0	4.0	0.0	37.0	36.1
1168	1240.0	-260.0	4.0	0.0	36.9	36.0
1169	1260.0	-260.0	4.0	0.0	36.8	35.8
1170	1280.0	-260.0	4.0	0.0	36.7	35.7
1171	1300.0	-260.0	4.0	0.0	36.3	35.3
1172	1320.0	-260.0	4.0	0.0	35.1	33.7
1173	1340.0	-260.0	4.0	0.0	34.9	33.5
1174	1360.0	-260.0	4.0	0.0	34.8	33.3
1175	1380.0	-260.0	4.0	0.0	34.6	33.2
1176	1400.0	-260.0	4.0	0.0	34.4	33.0
1177	1420.0	-260.0	4.0	0.0	34.3	32.8
1178	1440.0	-260.0	4.0	0.0	34.1	32.6
1179	1460.0	-260.0	4.0	0.0	33.9	32.4
1180	1480.0	-260.0	4.0	0.0	33.8	32.2
1181	1500.0	-260.0	4.0	0.0	33.6	32.1
1182	1520.0	-260.0	4.0	0.0	33.5	31.9
1183	1540.0	-260.0	4.0	0.0	33.3	31.8
1184	1560.0	-260.0	4.0	0.0	33.2	31.6
1185	1580.0	-260.0	4.0	0.0	33.0	31.4
1186	1600.0	-260.0	4.0	0.0	32.9	31.3
1187	1620.0	-260.0	4.0	0.0	32.7	31.1
1188	1640.0	-260.0	4.0	0.0	32.6	31.0
1189	1660.0	-260.0	4.0	0.0	32.4	30.8
1190	1680.0	-260.0	4.0	0.0	32.2	30.6
1191	0.0	-280.0	4.0	0.0	35.3	35.3
1192	20.0	-280.0	4.0	0.0	35.4	35.4
1193	40.0	-280.0	4.0	0.0	35.6	35.6
1194	60.0	-280.0	4.0	0.0	35.7	35.7
1195	80.0	-280.0	4.0	0.0	35.8	35.8
1196	100.0	-280.0	4.0	0.0	36.0	36.0
1197	120.0	-280.0	4.0	0.0	36.1	36.1
1198	140.0	-280.0	4.0	0.0	36.2	36.2
1199	160.0	-280.0	4.0	0.0	36.4	36.4
1200	180.0	-280.0	4.0	0.0	36.5	36.5
1201	200.0	-280.0	4.0	0.0	36.6	36.6
1202	220.0	-280.0	4.0	0.0	36.8	36.8
1203	240.0	-280.0	4.0	0.0	36.9	36.9
1204	260.0	-280.0	4.0	0.0	37.0	37.0
1205	280.0	-280.0	4.0	0.0	37.1	37.1
1206	300.0	-280.0	4.0	0.0	37.3	37.2
1207	320.0	-280.0	4.0	0.0	37.4	37.4
1208	340.0	-280.0	4.0	0.0	37.5	37.5
1209	360.0	-280.0	4.0	0.0	37.6	37.6
1210	380.0	-280.0	4.0	0.0	37.7	37.7
1211	400.0	-280.0	4.0	0.0	37.8	37.8
1212	420.0	-280.0	4.0	0.0	37.9	37.9
1213	440.0	-280.0	4.0	0.0	38.0	38.0
1214	460.0	-280.0	4.0	0.0	38.1	38.1

1215	480.0	-280.0	4.0	0.0	38.2	38.2
1216	500.0	-280.0	4.0	0.0	38.3	38.3
1217	520.0	-280.0	4.0	0.0	38.4	38.3
1218	540.0	-280.0	4.0	0.0	38.4	38.4
1219	560.0	-280.0	4.0	0.0	38.5	38.5
1220	580.0	-280.0	4.0	0.0	38.6	38.5
1221	600.0	-280.0	4.0	0.0	38.6	38.6
1222	620.0	-280.0	4.0	0.0	38.7	38.6
1223	640.0	-280.0	4.0	0.0	38.7	38.7
1224	660.0	-280.0	4.0	0.0	38.8	38.7
1225	680.0	-280.0	4.0	0.0	38.8	38.8
1226	700.0	-280.0	4.0	0.0	38.9	38.8
1227	720.0	-280.0	4.0	0.0	38.9	38.8
1228	740.0	-280.0	4.0	0.0	39.0	38.9
1229	760.0	-280.0	4.0	0.0	39.2	38.9
1230	780.0	-280.0	4.0	0.0	39.2	38.9
1231	800.0	-280.0	4.0	0.0	39.2	38.9
1232	820.0	-280.0	4.0	0.0	39.4	38.9
1233	840.0	-280.0	4.0	0.0	39.7	38.9
1234	860.0	-280.0	4.0	0.0	39.7	38.9
1235	880.0	-280.0	4.0	0.0	39.7	38.9
1236	900.0	-280.0	4.0	0.0	39.5	38.9
1237	920.0	-280.0	4.0	0.0	39.5	38.8
1238	940.0	-280.0	4.0	0.0	39.4	38.8
1239	960.0	-280.0	4.0	0.0	39.4	38.7
1240	980.0	-280.0	4.0	0.0	39.3	38.7
1241	1000.0	-280.0	4.0	0.0	39.3	38.6
1242	1020.0	-280.0	4.0	0.0	39.0	38.2
1243	1040.0	-280.0	4.0	0.0	38.1	37.2
1244	1060.0	-280.0	4.0	0.0	38.0	37.1
1245	1080.0	-280.0	4.0	0.0	38.0	37.1
1246	1100.0	-280.0	4.0	0.0	37.8	36.9
1247	1120.0	-280.0	4.0	0.0	37.7	36.8
1248	1140.0	-280.0	4.0	0.0	37.6	36.7
1249	1160.0	-280.0	4.0	0.0	37.5	36.6
1250	1180.0	-280.0	4.0	0.0	37.4	36.4
1251	1200.0	-280.0	4.0	0.0	37.3	36.3
1252	1220.0	-280.0	4.0	0.0	36.5	35.4
1253	1240.0	-280.0	4.0	0.0	35.7	34.3
1254	1260.0	-280.0	4.0	0.0	35.5	34.1
1255	1280.0	-280.0	4.0	0.0	35.4	34.0
1256	1300.0	-280.0	4.0	0.0	35.2	33.8
1257	1320.0	-280.0	4.0	0.0	35.1	33.6
1258	1340.0	-280.0	4.0	0.0	34.9	33.4
1259	1360.0	-280.0	4.0	0.0	34.8	33.3
1260	1380.0	-280.0	4.0	0.0	34.6	33.1
1261	1400.0	-280.0	4.0	0.0	34.5	32.9
1262	1420.0	-280.0	4.0	0.0	34.3	32.8
1263	1440.0	-280.0	4.0	0.0	34.1	32.6
1264	1460.0	-280.0	4.0	0.0	34.0	32.4
1265	1480.0	-280.0	4.0	0.0	33.8	32.3
1266	1500.0	-280.0	4.0	0.0	33.7	32.1
1267	1520.0	-280.0	4.0	0.0	33.5	32.0
1268	1540.0	-280.0	4.0	0.0	33.4	31.8
1269	1560.0	-280.0	4.0	0.0	33.2	31.6
1270	1580.0	-280.0	4.0	0.0	33.1	31.5
1271	1600.0	-280.0	4.0	0.0	32.9	31.3
1272	1620.0	-280.0	4.0	0.0	32.8	31.2
1273	1640.0	-280.0	4.0	0.0	32.6	31.0
1274	1660.0	-280.0	4.0	0.0	32.5	30.9
1275	1680.0	-280.0	4.0	0.0	32.3	30.6
1276	0.0	-300.0	4.0	0.0	35.4	35.4
1277	20.0	-300.0	4.0	0.0	35.6	35.6
1278	40.0	-300.0	4.0	0.0	35.7	35.7
1279	60.0	-300.0	4.0	0.0	35.9	35.9
1280	80.0	-300.0	4.0	0.0	36.0	36.0
1281	100.0	-300.0	4.0	0.0	36.1	36.1
1282	120.0	-300.0	4.0	0.0	36.3	36.3
1283	140.0	-300.0	4.0	0.0	36.4	36.4
1284	160.0	-300.0	4.0	0.0	36.5	36.5
1285	180.0	-300.0	4.0	0.0	36.7	36.7
1286	200.0	-300.0	4.0	0.0	36.8	36.8
1287	220.0	-300.0	4.0	0.0	36.9	36.9
1288	240.0	-300.0	4.0	0.0	37.1	37.1
1289	260.0	-300.0	4.0	0.0	37.2	37.2
1290	280.0	-300.0	4.0	0.0	37.3	37.3
1291	300.0	-300.0	4.0	0.0	37.4	37.4
1292	320.0	-300.0	4.0	0.0	37.6	37.6
1293	340.0	-300.0	4.0	0.0	37.7	37.7
1294	360.0	-300.0	4.0	0.0	37.8	37.8
1295	380.0	-300.0	4.0	0.0	37.9	37.9
1296	400.0	-300.0	4.0	0.0	38.0	38.0
1297	420.0	-300.0	4.0	0.0	38.1	38.1
1298	440.0	-300.0	4.0	0.0	38.2	38.2
1299	460.0	-300.0	4.0	0.0	38.3	38.3

1300	480.0	-300.0	4.0	0.0	38.4	38.4
1301	500.0	-300.0	4.0	0.0	38.5	38.5
1302	520.0	-300.0	4.0	0.0	38.6	38.6
1303	540.0	-300.0	4.0	0.0	38.6	38.6
1304	560.0	-300.0	4.0	0.0	38.7	38.7
1305	580.0	-300.0	4.0	0.0	38.8	38.8
1306	600.0	-300.0	4.0	0.0	38.8	38.8
1307	620.0	-300.0	4.0	0.0	38.9	38.9
1308	640.0	-300.0	4.0	0.0	39.0	38.9
1309	660.0	-300.0	4.0	0.0	39.0	39.0
1310	680.0	-300.0	4.0	0.0	39.1	39.0
1311	700.0	-300.0	4.0	0.0	39.1	39.1
1312	720.0	-300.0	4.0	0.0	39.2	39.1
1313	740.0	-300.0	4.0	0.0	39.2	39.1
1314	760.0	-300.0	4.0	0.0	39.5	39.1
1315	780.0	-300.0	4.0	0.0	39.5	39.2
1316	800.0	-300.0	4.0	0.0	39.5	39.2
1317	820.0	-300.0	4.0	0.0	39.7	39.2
1318	840.0	-300.0	4.0	0.0	39.7	39.2
1319	860.0	-300.0	4.0	0.0	40.0	39.2
1320	880.0	-300.0	4.0	0.0	40.0	39.2
1321	900.0	-300.0	4.0	0.0	39.8	39.1
1322	920.0	-300.0	4.0	0.0	39.7	39.1
1323	940.0	-300.0	4.0	0.0	39.3	38.6
1324	960.0	-300.0	4.0	0.0	38.3	37.4
1325	980.0	-300.0	4.0	0.0	38.4	37.5
1326	1000.0	-300.0	4.0	0.0	38.3	37.4
1327	1020.0	-300.0	4.0	0.0	38.3	37.3
1328	1040.0	-300.0	4.0	0.0	38.3	37.3
1329	1060.0	-300.0	4.0	0.0	38.2	37.2
1330	1080.0	-300.0	4.0	0.0	38.1	37.2
1331	1100.0	-300.0	4.0	0.0	38.0	37.1
1332	1120.0	-300.0	4.0	0.0	37.9	36.9
1333	1140.0	-300.0	4.0	0.0	36.8	35.6
1334	1160.0	-300.0	4.0	0.0	36.3	34.9
1335	1180.0	-300.0	4.0	0.0	36.2	34.8
1336	1200.0	-300.0	4.0	0.0	36.0	34.6
1337	1220.0	-300.0	4.0	0.0	35.9	34.4
1338	1240.0	-300.0	4.0	0.0	35.7	34.2
1339	1260.0	-300.0	4.0	0.0	35.6	34.1
1340	1280.0	-300.0	4.0	0.0	35.4	33.9
1341	1300.0	-300.0	4.0	0.0	35.3	33.7
1342	1320.0	-300.0	4.0	0.0	35.1	33.6
1343	1340.0	-300.0	4.0	0.0	35.0	33.4
1344	1360.0	-300.0	4.0	0.0	34.8	33.3
1345	1380.0	-300.0	4.0	0.0	34.7	33.1
1346	1400.0	-300.0	4.0	0.0	34.5	32.9
1347	1420.0	-300.0	4.0	0.0	34.4	32.8
1348	1440.0	-300.0	4.0	0.0	34.2	32.6
1349	1460.0	-300.0	4.0	0.0	34.1	32.5
1350	1480.0	-300.0	4.0	0.0	33.9	32.3
1351	1500.0	-300.0	4.0	0.0	33.8	32.2
1352	1520.0	-300.0	4.0	0.0	33.6	32.0
1353	1540.0	-300.0	4.0	0.0	33.5	31.9
1354	1560.0	-300.0	4.0	0.0	33.3	31.7
1355	1580.0	-300.0	4.0	0.0	33.2	31.5
1356	1600.0	-300.0	4.0	0.0	33.0	31.3
1357	1620.0	-300.0	4.0	0.0	32.8	31.2
1358	1640.0	-300.0	4.0	0.0	32.7	31.0
1359	1660.0	-300.0	4.0	0.0	32.5	30.9
1360	1680.0	-300.0	4.0	0.0	32.4	30.7
1361	0.0	-320.0	4.0	0.0	35.6	35.6
1362	20.0	-320.0	4.0	0.0	35.7	35.7
1363	40.0	-320.0	4.0	0.0	35.9	35.9
1364	60.0	-320.0	4.0	0.0	36.0	36.0
1365	80.0	-320.0	4.0	0.0	36.2	36.1
1366	100.0	-320.0	4.0	0.0	36.3	36.3
1367	120.0	-320.0	4.0	0.0	36.4	36.4
1368	140.0	-320.0	4.0	0.0	36.6	36.6
1369	160.0	-320.0	4.0	0.0	36.7	36.7
1370	180.0	-320.0	4.0	0.0	36.9	36.8
1371	200.0	-320.0	4.0	0.0	37.0	37.0
1372	220.0	-320.0	4.0	0.0	37.1	37.1
1373	240.0	-320.0	4.0	0.0	37.3	37.3
1374	260.0	-320.0	4.0	0.0	37.4	37.4
1375	280.0	-320.0	4.0	0.0	37.5	37.5
1376	300.0	-320.0	4.0	0.0	37.6	37.6
1377	320.0	-320.0	4.0	0.0	37.8	37.8
1378	340.0	-320.0	4.0	0.0	37.9	37.9
1379	360.0	-320.0	4.0	0.0	38.0	38.0
1380	380.0	-320.0	4.0	0.0	38.1	38.1
1381	400.0	-320.0	4.0	0.0	38.2	38.2
1382	420.0	-320.0	4.0	0.0	38.3	38.3
1383	440.0	-320.0	4.0	0.0	38.4	38.4
1384	460.0	-320.0	4.0	0.0	38.5	38.5

1385	480.0	-320.0	4.0	0.0	38.6	38.6
1386	500.0	-320.0	4.0	0.0	38.7	38.7
1387	520.0	-320.0	4.0	0.0	38.8	38.8
1388	540.0	-320.0	4.0	0.0	38.9	38.9
1389	560.0	-320.0	4.0	0.0	39.0	39.0
1390	580.0	-320.0	4.0	0.0	39.0	39.0
1391	600.0	-320.0	4.0	0.0	39.1	39.1
1392	620.0	-320.0	4.0	0.0	39.2	39.2
1393	640.0	-320.0	4.0	0.0	39.2	39.2
1394	660.0	-320.0	4.0	0.0	39.3	39.3
1395	680.0	-320.0	4.0	0.0	39.3	39.3
1396	700.0	-320.0	4.0	0.0	39.4	39.3
1397	720.0	-320.0	4.0	0.0	39.4	39.4
1398	740.0	-320.0	4.0	0.0	39.5	39.4
1399	760.0	-320.0	4.0	0.0	39.7	39.4
1400	780.0	-320.0	4.0	0.0	39.8	39.4
1401	800.0	-320.0	4.0	0.0	39.8	39.4
1402	820.0	-320.0	4.0	0.0	40.0	39.4
1403	840.0	-320.0	4.0	0.0	39.8	39.3
1404	860.0	-320.0	4.0	0.0	39.7	38.8
1405	880.0	-320.0	4.0	0.0	39.0	37.9
1406	900.0	-320.0	4.0	0.0	38.7	37.8
1407	920.0	-320.0	4.0	0.0	38.7	37.8
1408	940.0	-320.0	4.0	0.0	38.7	37.7
1409	960.0	-320.0	4.0	0.0	38.6	37.7
1410	980.0	-320.0	4.0	0.0	38.6	37.6
1411	1000.0	-320.0	4.0	0.0	38.6	37.6
1412	1020.0	-320.0	4.0	0.0	38.5	37.5
1413	1040.0	-320.0	4.0	0.0	38.5	37.5
1414	1060.0	-320.0	4.0	0.0	36.9	35.4
1415	1080.0	-320.0	4.0	0.0	36.9	35.6
1416	1100.0	-320.0	4.0	0.0	36.8	35.4
1417	1120.0	-320.0	4.0	0.0	36.6	35.2
1418	1140.0	-320.0	4.0	0.0	36.5	35.0
1419	1160.0	-320.0	4.0	0.0	36.3	34.9
1420	1180.0	-320.0	4.0	0.0	36.2	34.7
1421	1200.0	-320.0	4.0	0.0	36.1	34.5
1422	1220.0	-320.0	4.0	0.0	35.9	34.4
1423	1240.0	-320.0	4.0	0.0	35.8	34.2
1424	1260.0	-320.0	4.0	0.0	35.6	34.1
1425	1280.0	-320.0	4.0	0.0	35.5	33.9
1426	1300.0	-320.0	4.0	0.0	35.4	33.8
1427	1320.0	-320.0	4.0	0.0	35.2	33.6
1428	1340.0	-320.0	4.0	0.0	35.1	33.5
1429	1360.0	-320.0	4.0	0.0	34.9	33.3
1430	1380.0	-320.0	4.0	0.0	34.8	33.2
1431	1400.0	-320.0	4.0	0.0	34.7	33.0
1432	1420.0	-320.0	4.0	0.0	34.5	32.9
1433	1440.0	-320.0	4.0	0.0	34.4	32.7
1434	1460.0	-320.0	4.0	0.0	34.2	32.6
1435	1480.0	-320.0	4.0	0.0	34.1	32.4
1436	1500.0	-320.0	4.0	0.0	33.9	32.2
1437	1520.0	-320.0	4.0	0.0	33.7	32.0
1438	1540.0	-320.0	4.0	0.0	33.5	31.9
1439	1560.0	-320.0	4.0	0.0	33.4	31.7
1440	1580.0	-320.0	4.0	0.0	33.2	31.6
1441	1600.0	-320.0	4.0	0.0	33.1	31.4
1442	1620.0	-320.0	4.0	0.0	32.9	31.2
1443	1640.0	-320.0	4.0	0.0	32.8	31.1
1444	1660.0	-320.0	4.0	0.0	32.6	30.9
1445	1680.0	-320.0	4.0	0.0	32.5	30.8
1446	0.0	-340.0	4.0	0.0	35.7	35.7
1447	20.0	-340.0	4.0	0.0	35.9	35.9
1448	40.0	-340.0	4.0	0.0	36.0	36.0
1449	60.0	-340.0	4.0	0.0	36.2	36.2
1450	80.0	-340.0	4.0	0.0	36.3	36.3
1451	100.0	-340.0	4.0	0.0	36.5	36.4
1452	120.0	-340.0	4.0	0.0	36.6	36.6
1453	140.0	-340.0	4.0	0.0	36.7	36.7
1454	160.0	-340.0	4.0	0.0	36.9	36.9
1455	180.0	-340.0	4.0	0.0	37.0	37.0
1456	200.0	-340.0	4.0	0.0	37.2	37.2
1457	220.0	-340.0	4.0	0.0	37.3	37.3
1458	240.0	-340.0	4.0	0.0	37.4	37.4
1459	260.0	-340.0	4.0	0.0	37.6	37.6
1460	280.0	-340.0	4.0	0.0	37.7	37.7
1461	300.0	-340.0	4.0	0.0	37.8	37.8
1462	320.0	-340.0	4.0	0.0	38.0	38.0
1463	340.0	-340.0	4.0	0.0	38.1	38.1
1464	360.0	-340.0	4.0	0.0	38.2	38.2
1465	380.0	-340.0	4.0	0.0	38.3	38.3
1466	400.0	-340.0	4.0	0.0	38.4	38.4
1467	420.0	-340.0	4.0	0.0	38.6	38.5
1468	440.0	-340.0	4.0	0.0	38.7	38.7
1469	460.0	-340.0	4.0	0.0	38.8	38.8

1470	480.0	-340.0	4.0	0.0	38.9	38.9
1471	500.0	-340.0	4.0	0.0	39.0	39.0
1472	520.0	-340.0	4.0	0.0	39.0	39.0
1473	540.0	-340.0	4.0	0.0	39.1	39.1
1474	560.0	-340.0	4.0	0.0	39.2	39.2
1475	580.0	-340.0	4.0	0.0	39.3	39.3
1476	600.0	-340.0	4.0	0.0	39.4	39.4
1477	620.0	-340.0	4.0	0.0	39.4	39.4
1478	640.0	-340.0	4.0	0.0	39.5	39.5
1479	660.0	-340.0	4.0	0.0	39.5	39.5
1480	680.0	-340.0	4.0	0.0	39.6	39.6
1481	700.0	-340.0	4.0	0.0	39.6	39.6
1482	720.0	-340.0	4.0	0.0	39.7	39.6
1483	740.0	-340.0	4.0	0.0	39.8	39.7
1484	760.0	-340.0	4.0	0.0	39.6	39.5
1485	780.0	-340.0	4.0	0.0	38.6	38.1
1486	800.0	-340.0	4.0	0.0	38.6	38.1
1487	820.0	-340.0	4.0	0.0	38.6	38.1
1488	840.0	-340.0	4.0	0.0	38.9	38.2
1489	860.0	-340.0	4.0	0.0	39.3	38.2
1490	880.0	-340.0	4.0	0.0	39.3	38.2
1491	900.0	-340.0	4.0	0.0	39.0	38.1
1492	920.0	-340.0	4.0	0.0	39.0	38.1
1493	940.0	-340.0	4.0	0.0	38.9	38.0
1494	960.0	-340.0	4.0	0.0	38.1	36.9
1495	980.0	-340.0	4.0	0.0	37.0	35.4
1496	1000.0	-340.0	4.0	0.0	37.1	35.7
1497	1020.0	-340.0	4.0	0.0	37.0	35.5
1498	1040.0	-340.0	4.0	0.0	37.1	35.7
1499	1060.0	-340.0	4.0	0.0	37.0	35.5
1500	1080.0	-340.0	4.0	0.0	37.0	35.6
1501	1100.0	-340.0	4.0	0.0	36.8	35.4
1502	1120.0	-340.0	4.0	0.0	36.7	35.2
1503	1140.0	-340.0	4.0	0.0	36.5	35.0
1504	1160.0	-340.0	4.0	0.0	36.4	34.9
1505	1180.0	-340.0	4.0	0.0	36.3	34.7
1506	1200.0	-340.0	4.0	0.0	36.2	34.6
1507	1220.0	-340.0	4.0	0.0	36.1	34.5
1508	1240.0	-340.0	4.0	0.0	35.9	34.3
1509	1260.0	-340.0	4.0	0.0	35.8	34.2
1510	1280.0	-340.0	4.0	0.0	35.7	34.0
1511	1300.0	-340.0	4.0	0.0	35.5	33.9
1512	1320.0	-340.0	4.0	0.0	35.4	33.7
1513	1340.0	-340.0	4.0	0.0	35.2	33.6
1514	1360.0	-340.0	4.0	0.0	35.1	33.4
1515	1380.0	-340.0	4.0	0.0	35.0	33.3
1516	1400.0	-340.0	4.0	0.0	34.8	33.1
1517	1420.0	-340.0	4.0	0.0	34.6	32.9
1518	1440.0	-340.0	4.0	0.0	34.4	32.7
1519	1460.0	-340.0	4.0	0.0	34.3	32.6
1520	1480.0	-340.0	4.0	0.0	34.1	32.4
1521	1500.0	-340.0	4.0	0.0	34.0	32.3
1522	1520.0	-340.0	4.0	0.0	33.8	32.1
1523	1540.0	-340.0	4.0	0.0	33.7	32.0
1524	1560.0	-340.0	4.0	0.0	33.5	31.8
1525	1580.0	-340.0	4.0	0.0	33.4	31.7
1526	1600.0	-340.0	4.0	0.0	33.2	31.5
1527	1620.0	-340.0	4.0	0.0	33.0	31.3
1528	1640.0	-340.0	4.0	0.0	32.9	31.2
1529	1660.0	-340.0	4.0	0.0	32.7	31.0
1530	1680.0	-340.0	4.0	0.0	32.6	30.9
1531	0.0	-360.0	4.0	0.0	35.9	35.9
1532	20.0	-360.0	4.0	0.0	36.0	36.0
1533	40.0	-360.0	4.0	0.0	36.2	36.2
1534	60.0	-360.0	4.0	0.0	36.3	36.3
1535	80.0	-360.0	4.0	0.0	36.5	36.5
1536	100.0	-360.0	4.0	0.0	36.6	36.6
1537	120.0	-360.0	4.0	0.0	36.8	36.8
1538	140.0	-360.0	4.0	0.0	36.9	36.9
1539	160.0	-360.0	4.0	0.0	37.1	37.1
1540	180.0	-360.0	4.0	0.0	37.2	37.2
1541	200.0	-360.0	4.0	0.0	37.3	37.3
1542	220.0	-360.0	4.0	0.0	37.5	37.5
1543	240.0	-360.0	4.0	0.0	37.6	37.6
1544	260.0	-360.0	4.0	0.0	37.8	37.8
1545	280.0	-360.0	4.0	0.0	37.9	37.9
1546	300.0	-360.0	4.0	0.0	38.0	38.0
1547	320.0	-360.0	4.0	0.0	38.2	38.2
1548	340.0	-360.0	4.0	0.0	38.3	38.3
1549	360.0	-360.0	4.0	0.0	38.4	38.4
1550	380.0	-360.0	4.0	0.0	38.5	38.5
1551	400.0	-360.0	4.0	0.0	38.7	38.7
1552	420.0	-360.0	4.0	0.0	38.8	38.8
1553	440.0	-360.0	4.0	0.0	38.9	38.9
1554	460.0	-360.0	4.0	0.0	39.0	39.0

1555	480.0	-360.0	4.0	0.0	39.1	39.1
1556	500.0	-360.0	4.0	0.0	39.2	39.2
1557	520.0	-360.0	4.0	0.0	39.3	39.3
1558	540.0	-360.0	4.0	0.0	39.4	39.4
1559	560.0	-360.0	4.0	0.0	39.5	39.5
1560	580.0	-360.0	4.0	0.0	39.6	39.5
1561	600.0	-360.0	4.0	0.0	39.6	39.6
1562	620.0	-360.0	4.0	0.0	39.7	39.7
1563	640.0	-360.0	4.0	0.0	39.8	39.7
1564	660.0	-360.0	4.0	0.0	39.8	39.8
1565	680.0	-360.0	4.0	0.0	39.4	39.4
1566	700.0	-360.0	4.0	0.0	38.3	38.3
1567	720.0	-360.0	4.0	0.0	38.4	38.3
1568	740.0	-360.0	4.0	0.0	38.5	38.3
1569	760.0	-360.0	4.0	0.0	38.5	38.4
1570	780.0	-360.0	4.0	0.0	38.9	38.4
1571	800.0	-360.0	4.0	0.0	38.9	38.4
1572	820.0	-360.0	4.0	0.0	38.9	38.4
1573	840.0	-360.0	4.0	0.0	39.2	38.4
1574	860.0	-360.0	4.0	0.0	39.6	38.5
1575	880.0	-360.0	4.0	0.0	38.2	36.6
1576	900.0	-360.0	4.0	0.0	37.4	35.9
1577	920.0	-360.0	4.0	0.0	37.4	35.9
1578	940.0	-360.0	4.0	0.0	37.3	35.8
1579	960.0	-360.0	4.0	0.0	37.3	35.7
1580	980.0	-360.0	4.0	0.0	37.2	35.7
1581	1000.0	-360.0	4.0	0.0	37.4	35.9
1582	1020.0	-360.0	4.0	0.0	37.2	35.7
1583	1040.0	-360.0	4.0	0.0	37.3	35.8
1584	1060.0	-360.0	4.0	0.0	37.1	35.6
1585	1080.0	-360.0	4.0	0.0	37.0	35.5
1586	1100.0	-360.0	4.0	0.0	37.0	35.5
1587	1120.0	-360.0	4.0	0.0	36.8	35.3
1588	1140.0	-360.0	4.0	0.0	36.7	35.1
1589	1160.0	-360.0	4.0	0.0	36.6	35.0
1590	1180.0	-360.0	4.0	0.0	36.5	34.9
1591	1200.0	-360.0	4.0	0.0	36.4	34.7
1592	1220.0	-360.0	4.0	0.0	36.2	34.6
1593	1240.0	-360.0	4.0	0.0	36.1	34.5
1594	1260.0	-360.0	4.0	0.0	36.0	34.3
1595	1280.0	-360.0	4.0	0.0	35.8	34.2
1596	1300.0	-360.0	4.0	0.0	35.7	34.0
1597	1320.0	-360.0	4.0	0.0	35.5	33.8
1598	1340.0	-360.0	4.0	0.0	35.3	33.6
1599	1360.0	-360.0	4.0	0.0	35.2	33.5
1600	1380.0	-360.0	4.0	0.0	35.0	33.3
1601	1400.0	-360.0	4.0	0.0	34.9	33.2
1602	1420.0	-360.0	4.0	0.0	34.7	33.0
1603	1440.0	-360.0	4.0	0.0	34.6	32.9
1604	1460.0	-360.0	4.0	0.0	34.4	32.7
1605	1480.0	-360.0	4.0	0.0	34.3	32.6
1606	1500.0	-360.0	4.0	0.0	34.1	32.4
1607	1520.0	-360.0	4.0	0.0	34.0	32.3
1608	1540.0	-360.0	4.0	0.0	33.8	32.1
1609	1560.0	-360.0	4.0	0.0	33.7	31.9
1610	1580.0	-360.0	4.0	0.0	33.5	31.8
1611	1600.0	-360.0	4.0	0.0	33.3	31.6
1612	1620.0	-360.0	4.0	0.0	33.2	31.5
1613	1640.0	-360.0	4.0	0.0	33.0	31.3
1614	1660.0	-360.0	4.0	0.0	32.9	31.2
1615	1680.0	-360.0	4.0	0.0	32.7	31.0
1616	0.0	-380.0	4.0	0.0	36.0	36.0
1617	20.0	-380.0	4.0	0.0	36.1	36.1
1618	40.0	-380.0	4.0	0.0	36.3	36.3
1619	60.0	-380.0	4.0	0.0	36.5	36.5
1620	80.0	-380.0	4.0	0.0	36.6	36.6
1621	100.0	-380.0	4.0	0.0	36.8	36.8
1622	120.0	-380.0	4.0	0.0	36.9	36.9
1623	140.0	-380.0	4.0	0.0	37.1	37.1
1624	160.0	-380.0	4.0	0.0	37.2	37.2
1625	180.0	-380.0	4.0	0.0	37.4	37.4
1626	200.0	-380.0	4.0	0.0	37.5	37.5
1627	220.0	-380.0	4.0	0.0	37.7	37.7
1628	240.0	-380.0	4.0	0.0	37.8	37.8
1629	260.0	-380.0	4.0	0.0	37.9	37.9
1630	280.0	-380.0	4.0	0.0	38.1	38.1
1631	300.0	-380.0	4.0	0.0	38.2	38.2
1632	320.0	-380.0	4.0	0.0	38.4	38.4
1633	340.0	-380.0	4.0	0.0	38.5	38.5
1634	360.0	-380.0	4.0	0.0	38.6	38.6
1635	380.0	-380.0	4.0	0.0	38.8	38.8
1636	400.0	-380.0	4.0	0.0	38.9	38.9
1637	420.0	-380.0	4.0	0.0	39.0	39.0
1638	440.0	-380.0	4.0	0.0	39.1	39.1
1639	460.0	-380.0	4.0	0.0	39.2	39.2

1640	480.0	-380.0	4.0	0.0	39.4	39.3
1641	500.0	-380.0	4.0	0.0	39.5	39.5
1642	520.0	-380.0	4.0	0.0	39.6	39.6
1643	540.0	-380.0	4.0	0.0	39.7	39.6
1644	560.0	-380.0	4.0	0.0	39.7	39.7
1645	580.0	-380.0	4.0	0.0	39.8	39.8
1646	600.0	-380.0	4.0	0.0	39.2	39.2
1647	620.0	-380.0	4.0	0.0	38.4	38.4
1648	640.0	-380.0	4.0	0.0	38.4	38.4
1649	660.0	-380.0	4.0	0.0	38.5	38.5
1650	680.0	-380.0	4.0	0.0	38.6	38.5
1651	700.0	-380.0	4.0	0.0	38.6	38.6
1652	720.0	-380.0	4.0	0.0	38.7	38.6
1653	740.0	-380.0	4.0	0.0	38.7	38.6
1654	760.0	-380.0	4.0	0.0	38.8	38.7
1655	780.0	-380.0	4.0	0.0	39.1	38.7
1656	800.0	-380.0	4.0	0.0	37.0	36.2
1657	820.0	-380.0	4.0	0.0	37.0	36.2
1658	840.0	-380.0	4.0	0.0	37.4	36.2
1659	860.0	-380.0	4.0	0.0	38.1	36.3
1660	880.0	-380.0	4.0	0.0	38.1	36.3
1661	900.0	-380.0	4.0	0.0	37.7	36.2
1662	920.0	-380.0	4.0	0.0	37.7	36.1
1663	940.0	-380.0	4.0	0.0	37.6	36.1
1664	960.0	-380.0	4.0	0.0	37.6	36.0
1665	980.0	-380.0	4.0	0.0	37.5	36.0
1666	1000.0	-380.0	4.0	0.0	37.6	36.1
1667	1020.0	-380.0	4.0	0.0	37.5	35.9
1668	1040.0	-380.0	4.0	0.0	37.5	35.9
1669	1060.0	-380.0	4.0	0.0	37.4	35.8
1670	1080.0	-380.0	4.0	0.0	37.2	35.7
1671	1100.0	-380.0	4.0	0.0	37.2	35.6
1672	1120.0	-380.0	4.0	0.0	37.1	35.5
1673	1140.0	-380.0	4.0	0.0	36.9	35.3
1674	1160.0	-380.0	4.0	0.0	36.8	35.2
1675	1180.0	-380.0	4.0	0.0	36.7	35.1
1676	1200.0	-380.0	4.0	0.0	36.6	34.9
1677	1220.0	-380.0	4.0	0.0	36.4	34.8
1678	1240.0	-380.0	4.0	0.0	36.2	34.6
1679	1260.0	-380.0	4.0	0.0	36.1	34.4
1680	1280.0	-380.0	4.0	0.0	35.9	34.2
1681	1300.0	-380.0	4.0	0.0	35.8	34.1
1682	1320.0	-380.0	4.0	0.0	35.7	33.9
1683	1340.0	-380.0	4.0	0.0	35.5	33.8
1684	1360.0	-380.0	4.0	0.0	35.4	33.6
1685	1380.0	-380.0	4.0	0.0	35.2	33.5
1686	1400.0	-380.0	4.0	0.0	35.1	33.3
1687	1420.0	-380.0	4.0	0.0	34.9	33.2
1688	1440.0	-380.0	4.0	0.0	34.8	33.0
1689	1460.0	-380.0	4.0	0.0	34.6	32.9
1690	1480.0	-380.0	4.0	0.0	34.4	32.7
1691	1500.0	-380.0	4.0	0.0	34.3	32.5
1692	1520.0	-380.0	4.0	0.0	34.1	32.4
1693	1540.0	-380.0	4.0	0.0	34.0	32.2
1694	1560.0	-380.0	4.0	0.0	33.8	32.1
1695	1580.0	-380.0	4.0	0.0	33.6	31.9
1696	1600.0	-380.0	4.0	0.0	33.5	31.7
1697	1620.0	-380.0	4.0	0.0	33.3	31.6
1698	1640.0	-380.0	4.0	0.0	33.2	31.4
1699	1660.0	-380.0	4.0	0.0	33.0	31.3
1700	1680.0	-380.0	4.0	0.0	32.8	31.1
1701	0.0	-400.0	4.0	0.0	36.1	36.1
1702	20.0	-400.0	4.0	0.0	36.3	36.3
1703	40.0	-400.0	4.0	0.0	36.4	36.4
1704	60.0	-400.0	4.0	0.0	36.6	36.6
1705	80.0	-400.0	4.0	0.0	36.8	36.8
1706	100.0	-400.0	4.0	0.0	36.9	36.9
1707	120.0	-400.0	4.0	0.0	37.1	37.1
1708	140.0	-400.0	4.0	0.0	37.2	37.2
1709	160.0	-400.0	4.0	0.0	37.4	37.4
1710	180.0	-400.0	4.0	0.0	37.5	37.5
1711	200.0	-400.0	4.0	0.0	37.7	37.7
1712	220.0	-400.0	4.0	0.0	37.8	37.8
1713	240.0	-400.0	4.0	0.0	38.0	38.0
1714	260.0	-400.0	4.0	0.0	38.1	38.1
1715	280.0	-400.0	4.0	0.0	38.3	38.3
1716	300.0	-400.0	4.0	0.0	38.4	38.4
1717	320.0	-400.0	4.0	0.0	38.6	38.6
1718	340.0	-400.0	4.0	0.0	38.7	38.7
1719	360.0	-400.0	4.0	0.0	38.9	38.9
1720	380.0	-400.0	4.0	0.0	39.0	39.0
1721	400.0	-400.0	4.0	0.0	39.1	39.1
1722	420.0	-400.0	4.0	0.0	39.2	39.2
1723	440.0	-400.0	4.0	0.0	39.4	39.4
1724	460.0	-400.0	4.0	0.0	39.5	39.5

1725	480.0	-400.0	4.0	0.0	39.6	39.6
1726	500.0	-400.0	4.0	0.0	39.5	39.5
1727	520.0	-400.0	4.0	0.0	38.5	38.5
1728	540.0	-400.0	4.0	0.0	38.3	38.3
1729	560.0	-400.0	4.0	0.0	38.4	38.4
1730	580.0	-400.0	4.0	0.0	38.5	38.5
1731	600.0	-400.0	4.0	0.0	38.6	38.6
1732	620.0	-400.0	4.0	0.0	38.7	38.6
1733	640.0	-400.0	4.0	0.0	38.7	38.7
1734	660.0	-400.0	4.0	0.0	38.8	38.8
1735	680.0	-400.0	4.0	0.0	38.8	38.8
1736	700.0	-400.0	4.0	0.0	37.8	37.8
1737	720.0	-400.0	4.0	0.0	36.4	36.3
1738	740.0	-400.0	4.0	0.0	36.5	36.3
1739	760.0	-400.0	4.0	0.0	36.6	36.4
1740	780.0	-400.0	4.0	0.0	36.8	36.4
1741	800.0	-400.0	4.0	0.0	37.3	36.5
1742	820.0	-400.0	4.0	0.0	37.3	36.5
1743	840.0	-400.0	4.0	0.0	37.7	36.4
1744	860.0	-400.0	4.0	0.0	38.4	36.6
1745	880.0	-400.0	4.0	0.0	38.4	36.6
1746	900.0	-400.0	4.0	0.0	38.4	36.5
1747	920.0	-400.0	4.0	0.0	37.9	36.4
1748	940.0	-400.0	4.0	0.0	37.9	36.4
1749	960.0	-400.0	4.0	0.0	37.9	36.3
1750	980.0	-400.0	4.0	0.0	37.8	36.2
1751	1000.0	-400.0	4.0	0.0	37.8	36.3
1752	1020.0	-400.0	4.0	0.0	37.8	36.2
1753	1040.0	-400.0	4.0	0.0	37.7	36.1
1754	1060.0	-400.0	4.0	0.0	37.6	36.0
1755	1080.0	-400.0	4.0	0.0	37.5	35.9
1756	1100.0	-400.0	4.0	0.0	37.4	35.9
1757	1120.0	-400.0	4.0	0.0	37.3	35.7
1758	1140.0	-400.0	4.0	0.0	37.2	35.5
1759	1160.0	-400.0	4.0	0.0	37.0	35.3
1760	1180.0	-400.0	4.0	0.0	36.8	35.1
1761	1200.0	-400.0	4.0	0.0	36.7	35.0
1762	1220.0	-400.0	4.0	0.0	36.6	34.9
1763	1240.0	-400.0	4.0	0.0	36.4	34.7
1764	1260.0	-400.0	4.0	0.0	36.3	34.6
1765	1280.0	-400.0	4.0	0.0	36.2	34.4
1766	1300.0	-400.0	4.0	0.0	36.0	34.3
1767	1320.0	-400.0	4.0	0.0	35.9	34.1
1768	1340.0	-400.0	4.0	0.0	35.7	33.9
1769	1360.0	-400.0	4.0	0.0	35.5	33.8
1770	1380.0	-400.0	4.0	0.0	35.4	33.6
1771	1400.0	-400.0	4.0	0.0	35.2	33.5
1772	1420.0	-400.0	4.0	0.0	35.1	33.3
1773	1440.0	-400.0	4.0	0.0	34.9	33.2
1774	1460.0	-400.0	4.0	0.0	34.8	33.0
1775	1480.0	-400.0	4.0	0.0	34.6	32.8
1776	1500.0	-400.0	4.0	0.0	34.4	32.7
1777	1520.0	-400.0	4.0	0.0	34.3	32.5
1778	1540.0	-400.0	4.0	0.0	34.1	32.4
1779	1560.0	-400.0	4.0	0.0	33.9	32.2
1780	1580.0	-400.0	4.0	0.0	33.8	32.0
1781	1600.0	-400.0	4.0	0.0	33.6	31.9
1782	1620.0	-400.0	4.0	0.0	33.4	31.7
1783	1640.0	-400.0	4.0	0.0	33.3	31.5
1784	1660.0	-400.0	4.0	0.0	33.1	31.4
1785	1680.0	-400.0	4.0	0.0	33.0	31.2
1786	0.0	-420.0	4.0	0.0	36.3	36.3
1787	20.0	-420.0	4.0	0.0	36.4	36.4
1788	40.0	-420.0	4.0	0.0	36.6	36.6
1789	60.0	-420.0	4.0	0.0	36.7	36.7
1790	80.0	-420.0	4.0	0.0	36.9	36.9
1791	100.0	-420.0	4.0	0.0	37.1	37.1
1792	120.0	-420.0	4.0	0.0	37.2	37.2
1793	140.0	-420.0	4.0	0.0	37.4	37.4
1794	160.0	-420.0	4.0	0.0	37.5	37.5
1795	180.0	-420.0	4.0	0.0	37.7	37.7
1796	200.0	-420.0	4.0	0.0	37.9	37.9
1797	220.0	-420.0	4.0	0.0	38.0	38.0
1798	240.0	-420.0	4.0	0.0	38.2	38.2
1799	260.0	-420.0	4.0	0.0	38.3	38.3
1800	280.0	-420.0	4.0	0.0	38.5	38.5
1801	300.0	-420.0	4.0	0.0	38.6	38.6
1802	320.0	-420.0	4.0	0.0	38.8	38.8
1803	340.0	-420.0	4.0	0.0	38.9	38.9
1804	360.0	-420.0	4.0	0.0	39.1	39.1
1805	380.0	-420.0	4.0	0.0	39.2	39.2
1806	400.0	-420.0	4.0	0.0	39.4	39.4
1807	420.0	-420.0	4.0	0.0	39.0	39.0
1808	440.0	-420.0	4.0	0.0	38.0	38.0
1809	460.0	-420.0	4.0	0.0	38.2	38.1

1810	480.0	-420.0	4.0	0.0	38.3	38.3
1811	500.0	-420.0	4.0	0.0	38.4	38.4
1812	520.0	-420.0	4.0	0.0	38.5	38.5
1813	540.0	-420.0	4.0	0.0	38.6	38.6
1814	560.0	-420.0	4.0	0.0	38.7	38.7
1815	580.0	-420.0	4.0	0.0	38.8	38.8
1816	600.0	-420.0	4.0	0.0	38.9	38.9
1817	620.0	-420.0	4.0	0.0	36.9	36.9
1818	640.0	-420.0	4.0	0.0	36.4	36.4
1819	660.0	-420.0	4.0	0.0	36.5	36.5
1820	680.0	-420.0	4.0	0.0	36.6	36.5
1821	700.0	-420.0	4.0	0.0	36.6	36.6
1822	720.0	-420.0	4.0	0.0	36.7	36.6
1823	740.0	-420.0	4.0	0.0	36.8	36.6
1824	760.0	-420.0	4.0	0.0	36.9	36.7
1825	780.0	-420.0	4.0	0.0	37.0	36.7
1826	800.0	-420.0	4.0	0.0	37.6	36.7
1827	820.0	-420.0	4.0	0.0	37.6	36.8
1828	840.0	-420.0	4.0	0.0	38.0	36.7
1829	860.0	-420.0	4.0	0.0	38.1	36.9
1830	880.0	-420.0	4.0	0.0	38.7	36.9
1831	900.0	-420.0	4.0	0.0	38.7	36.8
1832	920.0	-420.0	4.0	0.0	38.3	36.7
1833	940.0	-420.0	4.0	0.0	38.2	36.7
1834	960.0	-420.0	4.0	0.0	38.2	36.6
1835	980.0	-420.0	4.0	0.0	38.1	36.5
1836	1000.0	-420.0	4.0	0.0	38.1	36.4
1837	1020.0	-420.0	4.0	0.0	38.1	36.4
1838	1040.0	-420.0	4.0	0.0	38.0	36.3
1839	1060.0	-420.0	4.0	0.0	37.8	36.2
1840	1080.0	-420.0	4.0	0.0	37.7	36.0
1841	1100.0	-420.0	4.0	0.0	37.6	35.9
1842	1120.0	-420.0	4.0	0.0	37.5	35.8
1843	1140.0	-420.0	4.0	0.0	37.3	35.6
1844	1160.0	-420.0	4.0	0.0	37.2	35.5
1845	1180.0	-420.0	4.0	0.0	37.1	35.3
1846	1200.0	-420.0	4.0	0.0	36.9	35.2
1847	1220.0	-420.0	4.0	0.0	36.8	35.1
1848	1240.0	-420.0	4.0	0.0	36.7	34.9
1849	1260.0	-420.0	4.0	0.0	36.5	34.8
1850	1280.0	-420.0	4.0	0.0	36.4	34.6
1851	1300.0	-420.0	4.0	0.0	36.2	34.4
1852	1320.0	-420.0	4.0	0.0	36.1	34.3
1853	1340.0	-420.0	4.0	0.0	35.9	34.1
1854	1360.0	-420.0	4.0	0.0	35.7	34.0
1855	1380.0	-420.0	4.0	0.0	35.6	33.8
1856	1400.0	-420.0	4.0	0.0	35.4	33.6
1857	1420.0	-420.0	4.0	0.0	35.3	33.5
1858	1440.0	-420.0	4.0	0.0	35.1	33.3
1859	1460.0	-420.0	4.0	0.0	34.9	33.2
1860	1480.0	-420.0	4.0	0.0	34.8	33.0
1861	1500.0	-420.0	4.0	0.0	34.6	32.8
1862	1520.0	-420.0	4.0	0.0	34.4	32.6
1863	1540.0	-420.0	4.0	0.0	34.3	32.5
1864	1560.0	-420.0	4.0	0.0	34.1	32.3
1865	1580.0	-420.0	4.0	0.0	33.9	32.2
1866	1600.0	-420.0	4.0	0.0	33.7	32.0
1867	1620.0	-420.0	4.0	0.0	33.6	31.8
1868	1640.0	-420.0	4.0	0.0	33.4	31.7
1869	1660.0	-420.0	4.0	0.0	33.2	31.5
1870	1680.0	-420.0	4.0	0.0	33.1	31.3
1871	0.0	-440.0	4.0	0.0	36.4	36.4
1872	20.0	-440.0	4.0	0.0	36.5	36.5
1873	40.0	-440.0	4.0	0.0	36.7	36.7
1874	60.0	-440.0	4.0	0.0	36.9	36.9
1875	80.0	-440.0	4.0	0.0	37.0	37.0
1876	100.0	-440.0	4.0	0.0	37.2	37.2
1877	120.0	-440.0	4.0	0.0	37.4	37.4
1878	140.0	-440.0	4.0	0.0	37.5	37.5
1879	160.0	-440.0	4.0	0.0	37.7	37.7
1880	180.0	-440.0	4.0	0.0	37.9	37.9
1881	200.0	-440.0	4.0	0.0	38.0	38.0
1882	220.0	-440.0	4.0	0.0	38.2	38.2
1883	240.0	-440.0	4.0	0.0	38.4	38.4
1884	260.0	-440.0	4.0	0.0	38.5	38.5
1885	280.0	-440.0	4.0	0.0	38.7	38.7
1886	300.0	-440.0	4.0	0.0	38.8	38.8
1887	320.0	-440.0	4.0	0.0	39.0	39.0
1888	340.0	-440.0	4.0	0.0	38.6	38.6
1889	360.0	-440.0	4.0	0.0	37.7	37.7
1890	380.0	-440.0	4.0	0.0	37.9	37.9
1891	400.0	-440.0	4.0	0.0	38.0	38.0
1892	420.0	-440.0	4.0	0.0	38.1	38.1
1893	440.0	-440.0	4.0	0.0	38.3	38.3
1894	460.0	-440.0	4.0	0.0	38.4	38.4

1895	480.0	-440.0	4.0	0.0	38.5	38.5
1896	500.0	-440.0	4.0	0.0	38.7	38.6
1897	520.0	-440.0	4.0	0.0	38.8	38.8
1898	540.0	-440.0	4.0	0.0	36.3	36.3
1899	560.0	-440.0	4.0	0.0	36.4	36.4
1900	580.0	-440.0	4.0	0.0	36.5	36.5
1901	600.0	-440.0	4.0	0.0	36.6	36.6
1902	620.0	-440.0	4.0	0.0	36.7	36.6
1903	640.0	-440.0	4.0	0.0	36.7	36.7
1904	660.0	-440.0	4.0	0.0	36.8	36.8
1905	680.0	-440.0	4.0	0.0	36.9	36.8
1906	700.0	-440.0	4.0	0.0	36.9	36.9
1907	720.0	-440.0	4.0	0.0	37.0	36.9
1908	740.0	-440.0	4.0	0.0	37.0	36.9
1909	760.0	-440.0	4.0	0.0	37.1	37.0
1910	780.0	-440.0	4.0	0.0	37.3	37.0
1911	800.0	-440.0	4.0	0.0	37.8	37.0
1912	820.0	-440.0	4.0	0.0	37.9	37.1
1913	840.0	-440.0	4.0	0.0	37.9	37.1
1914	860.0	-440.0	4.0	0.0	38.4	37.2
1915	880.0	-440.0	4.0	0.0	39.0	37.2
1916	900.0	-440.0	4.0	0.0	39.0	37.1
1917	920.0	-440.0	4.0	0.0	38.6	37.0
1918	940.0	-440.0	4.0	0.0	38.5	37.0
1919	960.0	-440.0	4.0	0.0	38.5	36.9
1920	980.0	-440.0	4.0	0.0	38.4	36.7
1921	1000.0	-440.0	4.0	0.0	38.3	36.6
1922	1020.0	-440.0	4.0	0.0	38.2	36.6
1923	1040.0	-440.0	4.0	0.0	38.1	36.4
1924	1060.0	-440.0	4.0	0.0	38.1	36.4
1925	1080.0	-440.0	4.0	0.0	37.9	36.3
1926	1100.0	-440.0	4.0	0.0	37.8	36.1
1927	1120.0	-440.0	4.0	0.0	37.7	36.0
1928	1140.0	-440.0	4.0	0.0	37.6	35.9
1929	1160.0	-440.0	4.0	0.0	37.5	35.7
1930	1180.0	-440.0	4.0	0.0	37.3	35.6
1931	1200.0	-440.0	4.0	0.0	37.2	35.4
1932	1220.0	-440.0	4.0	0.0	37.0	35.3
1933	1240.0	-440.0	4.0	0.0	36.9	35.1
1934	1260.0	-440.0	4.0	0.0	36.7	35.0
1935	1280.0	-440.0	4.0	0.0	36.6	34.8
1936	1300.0	-440.0	4.0	0.0	36.4	34.6
1937	1320.0	-440.0	4.0	0.0	36.3	34.5
1938	1340.0	-440.0	4.0	0.0	36.1	34.3
1939	1360.0	-440.0	4.0	0.0	35.9	34.1
1940	1380.0	-440.0	4.0	0.0	35.8	34.0
1941	1400.0	-440.0	4.0	0.0	35.6	33.8
1942	1420.0	-440.0	4.0	0.0	35.4	33.6
1943	1440.0	-440.0	4.0	0.0	35.3	33.5
1944	1460.0	-440.0	4.0	0.0	35.1	33.3
1945	1480.0	-440.0	4.0	0.0	34.9	33.1
1946	1500.0	-440.0	4.0	0.0	34.7	33.0
1947	1520.0	-440.0	4.0	0.0	34.6	32.8
1948	1540.0	-440.0	4.0	0.0	34.4	32.6
1949	1560.0	-440.0	4.0	0.0	34.2	32.5
1950	1580.0	-440.0	4.0	0.0	34.1	32.3
1951	1600.0	-440.0	4.0	0.0	33.9	32.1
1952	1620.0	-440.0	4.0	0.0	33.7	31.9
1953	1640.0	-440.0	4.0	0.0	33.5	31.8
1954	1660.0	-440.0	4.0	0.0	33.4	31.6
1955	1680.0	-440.0	4.0	0.0	33.2	31.4
1956	0.0	-460.0	4.0	0.0	36.5	36.5
1957	20.0	-460.0	4.0	0.0	36.7	36.7
1958	40.0	-460.0	4.0	0.0	36.9	36.9
1959	60.0	-460.0	4.0	0.0	37.0	37.0
1960	80.0	-460.0	4.0	0.0	37.2	37.2
1961	100.0	-460.0	4.0	0.0	37.4	37.4
1962	120.0	-460.0	4.0	0.0	37.5	37.5
1963	140.0	-460.0	4.0	0.0	37.7	37.7
1964	160.0	-460.0	4.0	0.0	37.9	37.9
1965	180.0	-460.0	4.0	0.0	38.1	38.1
1966	200.0	-460.0	4.0	0.0	38.2	38.2
1967	220.0	-460.0	4.0	0.0	38.4	38.4
1968	240.0	-460.0	4.0	0.0	38.3	38.3
1969	260.0	-460.0	4.0	0.0	37.7	37.7
1970	280.0	-460.0	4.0	0.0	37.3	37.3
1971	300.0	-460.0	4.0	0.0	37.5	37.5
1972	320.0	-460.0	4.0	0.0	37.6	37.6
1973	340.0	-460.0	4.0	0.0	37.8	37.8
1974	360.0	-460.0	4.0	0.0	37.9	37.9
1975	380.0	-460.0	4.0	0.0	38.1	38.1
1976	400.0	-460.0	4.0	0.0	38.2	38.2
1977	420.0	-460.0	4.0	0.0	38.4	38.4
1978	440.0	-460.0	4.0	0.0	37.4	37.4
1979	460.0	-460.0	4.0	0.0	36.1	36.1

1980	480.0	-460.0	4.0	0.0	36.2	36.2
1981	500.0	-460.0	4.0	0.0	36.3	36.3
1982	520.0	-460.0	4.0	0.0	36.5	36.5
1983	540.0	-460.0	4.0	0.0	36.6	36.6
1984	560.0	-460.0	4.0	0.0	36.7	36.7
1985	580.0	-460.0	4.0	0.0	36.8	36.8
1986	600.0	-460.0	4.0	0.0	36.9	36.9
1987	620.0	-460.0	4.0	0.0	37.0	36.9
1988	640.0	-460.0	4.0	0.0	37.0	37.0
1989	660.0	-460.0	4.0	0.0	37.1	37.1
1990	680.0	-460.0	4.0	0.0	37.2	37.1
1991	700.0	-460.0	4.0	0.0	37.2	37.2
1992	720.0	-460.0	4.0	0.0	37.3	37.2
1993	740.0	-460.0	4.0	0.0	37.3	37.3
1994	760.0	-460.0	4.0	0.0	37.4	37.3
1995	780.0	-460.0	4.0	0.0	37.6	37.3
1996	800.0	-460.0	4.0	0.0	38.1	37.3
1997	820.0	-460.0	4.0	0.0	38.2	37.4
1998	840.0	-460.0	4.0	0.0	38.2	37.4
1999	860.0	-460.0	4.0	0.0	38.7	37.4
2000	880.0	-460.0	4.0	0.0	39.3	37.5
2001	900.0	-460.0	4.0	0.0	39.2	37.3
2002	920.0	-460.0	4.0	0.0	38.8	37.2
2003	940.0	-460.0	4.0	0.0	38.8	37.1
2004	960.0	-460.0	4.0	0.0	38.7	37.1
2005	980.0	-460.0	4.0	0.0	38.6	37.0
2006	1000.0	-460.0	4.0	0.0	38.6	36.9
2007	1020.0	-460.0	4.0	0.0	38.5	36.8
2008	1040.0	-460.0	4.0	0.0	38.4	36.7
2009	1060.0	-460.0	4.0	0.0	38.3	36.7
2010	1080.0	-460.0	4.0	0.0	38.2	36.5
2011	1100.0	-460.0	4.0	0.0	38.1	36.4
2012	1120.0	-460.0	4.0	0.0	38.0	36.3
2013	1140.0	-460.0	4.0	0.0	37.9	36.1
2014	1160.0	-460.0	4.0	0.0	37.7	36.0
2015	1180.0	-460.0	4.0	0.0	37.6	35.8
2016	1200.0	-460.0	4.0	0.0	37.4	35.7
2017	1220.0	-460.0	4.0	0.0	37.3	35.5
2018	1240.0	-460.0	4.0	0.0	37.1	35.3
2019	1260.0	-460.0	4.0	0.0	37.0	35.2
2020	1280.0	-460.0	4.0	0.0	36.8	35.0
2021	1300.0	-460.0	4.0	0.0	36.6	34.8
2022	1320.0	-460.0	4.0	0.0	36.5	34.7
2023	1340.0	-460.0	4.0	0.0	36.3	34.5
2024	1360.0	-460.0	4.0	0.0	36.1	34.3
2025	1380.0	-460.0	4.0	0.0	36.0	34.1
2026	1400.0	-460.0	4.0	0.0	35.8	34.0
2027	1420.0	-460.0	4.0	0.0	35.6	33.8
2028	1440.0	-460.0	4.0	0.0	35.4	33.6
2029	1460.0	-460.0	4.0	0.0	35.3	33.5
2030	1480.0	-460.0	4.0	0.0	35.1	33.3
2031	1500.0	-460.0	4.0	0.0	34.9	33.1
2032	1520.0	-460.0	4.0	0.0	34.7	32.9
2033	1540.0	-460.0	4.0	0.0	34.6	32.8
2034	1560.0	-460.0	4.0	0.0	34.4	32.6
2035	1580.0	-460.0	4.0	0.0	34.2	32.4
2036	1600.0	-460.0	4.0	0.0	34.0	32.2
2037	1620.0	-460.0	4.0	0.0	33.8	32.1
2038	1640.0	-460.0	4.0	0.0	33.7	31.9
2039	1660.0	-460.0	4.0	0.0	33.5	31.7
2040	1680.0	-460.0	4.0	0.0	33.3	31.6
2041	0.0	-480.0	4.0	0.0	36.6	36.6
2042	20.0	-480.0	4.0	0.0	36.8	36.8
2043	40.0	-480.0	4.0	0.0	37.0	37.0
2044	60.0	-480.0	4.0	0.0	37.2	37.2
2045	80.0	-480.0	4.0	0.0	37.4	37.3
2046	100.0	-480.0	4.0	0.0	37.5	37.5
2047	120.0	-480.0	4.0	0.0	37.7	37.7
2048	140.0	-480.0	4.0	0.0	37.9	37.9
2049	160.0	-480.0	4.0	0.0	37.5	37.5
2050	180.0	-480.0	4.0	0.0	36.6	36.6
2051	200.0	-480.0	4.0	0.0	36.8	36.8
2052	220.0	-480.0	4.0	0.0	37.0	37.0
2053	240.0	-480.0	4.0	0.0	37.2	37.2
2054	260.0	-480.0	4.0	0.0	37.3	37.3
2055	280.0	-480.0	4.0	0.0	37.5	37.5
2056	300.0	-480.0	4.0	0.0	37.7	37.7
2057	320.0	-480.0	4.0	0.0	37.8	37.8
2058	340.0	-480.0	4.0	0.0	38.0	38.0
2059	360.0	-480.0	4.0	0.0	36.1	36.1
2060	380.0	-480.0	4.0	0.0	35.8	35.8
2061	400.0	-480.0	4.0	0.0	35.9	35.9
2062	420.0	-480.0	4.0	0.0	36.1	36.1
2063	440.0	-480.0	4.0	0.0	36.2	36.2
2064	460.0	-480.0	4.0	0.0	36.4	36.3

2065	480.0	-480.0	4.0	0.0	36.5	36.5
2066	500.0	-480.0	4.0	0.0	36.6	36.6
2067	520.0	-480.0	4.0	0.0	36.7	36.7
2068	540.0	-480.0	4.0	0.0	36.9	36.9
2069	560.0	-480.0	4.0	0.0	37.0	37.0
2070	580.0	-480.0	4.0	0.0	37.1	37.1
2071	600.0	-480.0	4.0	0.0	37.2	37.2
2072	620.0	-480.0	4.0	0.0	37.3	37.3
2073	640.0	-480.0	4.0	0.0	37.3	37.3
2074	660.0	-480.0	4.0	0.0	37.4	37.4
2075	680.0	-480.0	4.0	0.0	37.5	37.5
2076	700.0	-480.0	4.0	0.0	37.5	37.5
2077	720.0	-480.0	4.0	0.0	37.6	37.6
2078	740.0	-480.0	4.0	0.0	37.7	37.6
2079	760.0	-480.0	4.0	0.0	37.7	37.6
2080	780.0	-480.0	4.0	0.0	37.8	37.6
2081	800.0	-480.0	4.0	0.0	37.9	37.6
2082	820.0	-480.0	4.0	0.0	38.4	37.6
2083	840.0	-480.0	4.0	0.0	38.4	37.6
2084	860.0	-480.0	4.0	0.0	38.8	37.5
2085	880.0	-480.0	4.0	0.0	39.6	37.7
2086	900.0	-480.0	4.0	0.0	39.6	37.7
2087	920.0	-480.0	4.0	0.0	39.1	37.5
2088	940.0	-480.0	4.0	0.0	39.1	37.4
2089	960.0	-480.0	4.0	0.0	39.0	37.4
2090	980.0	-480.0	4.0	0.0	39.0	37.3
2091	1000.0	-480.0	4.0	0.0	38.9	37.2
2092	1020.0	-480.0	4.0	0.0	38.9	37.1
2093	1040.0	-480.0	4.0	0.0	38.8	37.0
2094	1060.0	-480.0	4.0	0.0	38.6	36.9
2095	1080.0	-480.0	4.0	0.0	38.5	36.8
2096	1100.0	-480.0	4.0	0.0	38.4	36.6
2097	1120.0	-480.0	4.0	0.0	38.3	36.5
2098	1140.0	-480.0	4.0	0.0	38.1	36.4
2099	1160.0	-480.0	4.0	0.0	38.0	36.2
2100	1180.0	-480.0	4.0	0.0	37.8	36.0
2101	1200.0	-480.0	4.0	0.0	37.7	35.9
2102	1220.0	-480.0	4.0	0.0	37.5	35.7
2103	1240.0	-480.0	4.0	0.0	37.4	35.6
2104	1260.0	-480.0	4.0	0.0	37.2	35.4
2105	1280.0	-480.0	4.0	0.0	37.0	35.2
2106	1300.0	-480.0	4.0	0.0	36.9	35.0
2107	1320.0	-480.0	4.0	0.0	36.7	34.9
2108	1340.0	-480.0	4.0	0.0	36.5	34.7
2109	1360.0	-480.0	4.0	0.0	36.3	34.5
2110	1380.0	-480.0	4.0	0.0	36.2	34.3
2111	1400.0	-480.0	4.0	0.0	36.0	34.1
2112	1420.0	-480.0	4.0	0.0	35.8	34.0
2113	1440.0	-480.0	4.0	0.0	35.6	33.8
2114	1460.0	-480.0	4.0	0.0	35.4	33.6
2115	1480.0	-480.0	4.0	0.0	35.3	33.4
2116	1500.0	-480.0	4.0	0.0	35.1	33.2
2117	1520.0	-480.0	4.0	0.0	34.9	33.1
2118	1540.0	-480.0	4.0	0.0	34.7	32.9
2119	1560.0	-480.0	4.0	0.0	34.5	32.7
2120	1580.0	-480.0	4.0	0.0	34.3	32.6
2121	1600.0	-480.0	4.0	0.0	34.2	32.4
2122	1620.0	-480.0	4.0	0.0	34.0	32.2
2123	1640.0	-480.0	4.0	0.0	33.8	32.0
2124	1660.0	-480.0	4.0	0.0	33.6	31.8
2125	1680.0	-480.0	4.0	0.0	33.4	31.7
2126	0.0	-500.0	4.0	0.0	36.8	36.8
2127	20.0	-500.0	4.0	0.0	37.0	37.0
2128	40.0	-500.0	4.0	0.0	37.1	37.1
2129	60.0	-500.0	4.0	0.0	37.3	37.3
2130	80.0	-500.0	4.0	0.0	37.0	37.0
2131	100.0	-500.0	4.0	0.0	36.1	36.1
2132	120.0	-500.0	4.0	0.0	36.3	36.3
2133	140.0	-500.0	4.0	0.0	36.5	36.5
2134	160.0	-500.0	4.0	0.0	36.6	36.6
2135	180.0	-500.0	4.0	0.0	36.8	36.8
2136	200.0	-500.0	4.0	0.0	37.0	37.0
2137	220.0	-500.0	4.0	0.0	37.2	37.2
2138	240.0	-500.0	4.0	0.0	37.4	37.4
2139	260.0	-500.0	4.0	0.0	37.5	37.5
2140	280.0	-500.0	4.0	0.0	35.6	35.6
2141	300.0	-500.0	4.0	0.0	35.3	35.3
2142	320.0	-500.0	4.0	0.0	35.5	35.5
2143	340.0	-500.0	4.0	0.0	35.7	35.7
2144	360.0	-500.0	4.0	0.0	35.8	35.8
2145	380.0	-500.0	4.0	0.0	36.0	36.0
2146	400.0	-500.0	4.0	0.0	36.2	36.2
2147	420.0	-500.0	4.0	0.0	36.3	36.3
2148	440.0	-500.0	4.0	0.0	36.5	36.5
2149	460.0	-500.0	4.0	0.0	36.6	36.6

2150	480.0	-500.0	4.0	0.0	36.8	36.8
2151	500.0	-500.0	4.0	0.0	36.9	36.9
2152	520.0	-500.0	4.0	0.0	37.0	37.0
2153	540.0	-500.0	4.0	0.0	37.2	37.1
2154	560.0	-500.0	4.0	0.0	37.3	37.3
2155	580.0	-500.0	4.0	0.0	37.4	37.4
2156	600.0	-500.0	4.0	0.0	37.5	37.5
2157	620.0	-500.0	4.0	0.0	37.6	37.6
2158	640.0	-500.0	4.0	0.0	37.7	37.7
2159	660.0	-500.0	4.0	0.0	37.7	37.7
2160	680.0	-500.0	4.0	0.0	37.8	37.8
2161	700.0	-500.0	4.0	0.0	37.9	37.8
2162	720.0	-500.0	4.0	0.0	37.8	37.8
2163	740.0	-500.0	4.0	0.0	37.8	37.8
2164	760.0	-500.0	4.0	0.0	37.9	37.8
2165	780.0	-500.0	4.0	0.0	38.0	37.8
2166	800.0	-500.0	4.0	0.0	38.1	37.8
2167	820.0	-500.0	4.0	0.0	38.7	37.9
2168	840.0	-500.0	4.0	0.0	38.8	37.9
2169	860.0	-500.0	4.0	0.0	39.2	37.9
2170	880.0	-500.0	4.0	0.0	39.9	38.0
2171	900.0	-500.0	4.0	0.0	39.9	38.0
2172	920.0	-500.0	4.0	0.0	39.5	37.9
2173	940.0	-500.0	4.0	0.0	39.4	37.8
2174	960.0	-500.0	4.0	0.0	39.4	37.7
2175	980.0	-500.0	4.0	0.0	39.3	37.6
2176	1000.0	-500.0	4.0	0.0	39.2	37.5
2177	1020.0	-500.0	4.0	0.0	39.1	37.4
2178	1040.0	-500.0	4.0	0.0	39.1	37.3
2179	1060.0	-500.0	4.0	0.0	38.9	37.2
2180	1080.0	-500.0	4.0	0.0	38.8	37.1
2181	1100.0	-500.0	4.0	0.0	38.7	36.9
2182	1120.0	-500.0	4.0	0.0	38.6	36.8
2183	1140.0	-500.0	4.0	0.0	38.4	36.6
2184	1160.0	-500.0	4.0	0.0	38.3	36.5
2185	1180.0	-500.0	4.0	0.0	38.1	36.3
2186	1200.0	-500.0	4.0	0.0	38.0	36.1
2187	1220.0	-500.0	4.0	0.0	37.8	36.0
2188	1240.0	-500.0	4.0	0.0	37.6	35.8
2189	1260.0	-500.0	4.0	0.0	37.5	35.6
2190	1280.0	-500.0	4.0	0.0	37.3	35.4
2191	1300.0	-500.0	4.0	0.0	37.1	35.2
2192	1320.0	-500.0	4.0	0.0	36.9	35.1
2193	1340.0	-500.0	4.0	0.0	36.7	34.9
2194	1360.0	-500.0	4.0	0.0	36.5	34.7
2195	1380.0	-500.0	4.0	0.0	36.4	34.5
2196	1400.0	-500.0	4.0	0.0	36.2	34.3
2197	1420.0	-500.0	4.0	0.0	36.0	34.1
2198	1440.0	-500.0	4.0	0.0	35.8	34.0
2199	1460.0	-500.0	4.0	0.0	35.6	33.8
2200	1480.0	-500.0	4.0	0.0	35.4	33.6
2201	1500.0	-500.0	4.0	0.0	35.2	33.4
2202	1520.0	-500.0	4.0	0.0	35.0	33.2
2203	1540.0	-500.0	4.0	0.0	34.9	33.0
2204	1560.0	-500.0	4.0	0.0	34.7	32.9
2205	1580.0	-500.0	4.0	0.0	34.5	32.7
2206	1600.0	-500.0	4.0	0.0	34.3	32.5
2207	1620.0	-500.0	4.0	0.0	34.1	32.3
2208	1640.0	-500.0	4.0	0.0	33.9	32.1
2209	1660.0	-500.0	4.0	0.0	33.7	31.9
2210	1680.0	-500.0	4.0	0.0	33.6	31.8
2211	0.0	-520.0	4.0	0.0	35.8	35.8
2212	20.0	-520.0	4.0	0.0	35.5	35.5
2213	40.0	-520.0	4.0	0.0	35.7	35.7
2214	60.0	-520.0	4.0	0.0	35.9	35.9
2215	80.0	-520.0	4.0	0.0	36.1	36.1
2216	100.0	-520.0	4.0	0.0	36.2	36.2
2217	120.0	-520.0	4.0	0.0	36.4	36.4
2218	140.0	-520.0	4.0	0.0	36.6	36.6
2219	160.0	-520.0	4.0	0.0	36.8	36.8
2220	180.0	-520.0	4.0	0.0	36.2	36.2
2221	200.0	-520.0	4.0	0.0	34.6	34.6
2222	220.0	-520.0	4.0	0.0	34.8	34.8
2223	240.0	-520.0	4.0	0.0	35.0	35.0
2224	260.0	-520.0	4.0	0.0	35.2	35.2
2225	280.0	-520.0	4.0	0.0	35.4	35.3
2226	300.0	-520.0	4.0	0.0	35.5	35.5
2227	320.0	-520.0	4.0	0.0	35.7	35.7
2228	340.0	-520.0	4.0	0.0	35.9	35.9
2229	360.0	-520.0	4.0	0.0	36.1	36.1
2230	380.0	-520.0	4.0	0.0	36.2	36.2
2231	400.0	-520.0	4.0	0.0	36.4	36.4
2232	420.0	-520.0	4.0	0.0	36.6	36.6
2233	440.0	-520.0	4.0	0.0	36.7	36.7
2234	460.0	-520.0	4.0	0.0	36.9	36.9

2235	480.0	-520.0	4.0	0.0	37.0	37.0
2236	500.0	-520.0	4.0	0.0	37.2	37.2
2237	520.0	-520.0	4.0	0.0	37.3	37.3
2238	540.0	-520.0	4.0	0.0	37.5	37.5
2239	560.0	-520.0	4.0	0.0	37.6	37.6
2240	580.0	-520.0	4.0	0.0	37.7	37.7
2241	600.0	-520.0	4.0	0.0	37.8	37.8
2242	620.0	-520.0	4.0	0.0	37.9	37.9
2243	640.0	-520.0	4.0	0.0	37.8	37.8
2244	660.0	-520.0	4.0	0.0	37.9	37.9
2245	680.0	-520.0	4.0	0.0	38.0	38.0
2246	700.0	-520.0	4.0	0.0	38.0	38.0
2247	720.0	-520.0	4.0	0.0	38.1	38.1
2248	740.0	-520.0	4.0	0.0	38.2	38.1
2249	760.0	-520.0	4.0	0.0	38.2	38.1
2250	780.0	-520.0	4.0	0.0	38.3	38.2
2251	800.0	-520.0	4.0	0.0	38.4	38.2
2252	820.0	-520.0	4.0	0.0	39.0	38.2
2253	840.0	-520.0	4.0	0.0	39.1	38.2
2254	860.0	-520.0	4.0	0.0	39.1	38.2
2255	880.0	-520.0	4.0	0.0	40.2	38.4
2256	900.0	-520.0	4.0	0.0	40.3	38.3
2257	920.0	-520.0	4.0	0.0	39.8	38.2
2258	940.0	-520.0	4.0	0.0	39.8	38.1
2259	960.0	-520.0	4.0	0.0	39.7	38.0
2260	980.0	-520.0	4.0	0.0	39.7	37.9
2261	1000.0	-520.0	4.0	0.0	39.6	37.8
2262	1020.0	-520.0	4.0	0.0	39.5	37.7
2263	1040.0	-520.0	4.0	0.0	39.4	37.6
2264	1060.0	-520.0	4.0	0.0	39.2	37.5
2265	1080.0	-520.0	4.0	0.0	39.1	37.4
2266	1100.0	-520.0	4.0	0.0	39.0	37.2
2267	1120.0	-520.0	4.0	0.0	38.9	37.0
2268	1140.0	-520.0	4.0	0.0	38.7	36.9
2269	1160.0	-520.0	4.0	0.0	38.6	36.7
2270	1180.0	-520.0	4.0	0.0	38.4	36.5
2271	1200.0	-520.0	4.0	0.0	38.2	36.4
2272	1220.0	-520.0	4.0	0.0	38.1	36.2
2273	1240.0	-520.0	4.0	0.0	37.9	36.0
2274	1260.0	-520.0	4.0	0.0	37.7	35.8
2275	1280.0	-520.0	4.0	0.0	37.5	35.6
2276	1300.0	-520.0	4.0	0.0	37.3	35.4
2277	1320.0	-520.0	4.0	0.0	37.1	35.3
2278	1340.0	-520.0	4.0	0.0	36.9	35.1
2279	1360.0	-520.0	4.0	0.0	36.7	34.9
2280	1380.0	-520.0	4.0	0.0	36.6	34.7
2281	1400.0	-520.0	4.0	0.0	36.4	34.5
2282	1420.0	-520.0	4.0	0.0	36.2	34.3
2283	1440.0	-520.0	4.0	0.0	36.0	34.1
2284	1460.0	-520.0	4.0	0.0	35.8	33.9
2285	1480.0	-520.0	4.0	0.0	35.6	33.7
2286	1500.0	-520.0	4.0	0.0	35.4	33.5
2287	1520.0	-520.0	4.0	0.0	35.2	33.3
2288	1540.0	-520.0	4.0	0.0	35.0	33.2
2289	1560.0	-520.0	4.0	0.0	34.8	33.0
2290	1580.0	-520.0	4.0	0.0	34.6	32.8
2291	1600.0	-520.0	4.0	0.0	34.4	32.6
2292	1620.0	-520.0	4.0	0.0	34.2	32.4
2293	1640.0	-520.0	4.0	0.0	34.0	32.2
2294	1660.0	-520.0	4.0	0.0	33.8	32.0
2295	1680.0	-520.0	4.0	0.0	33.7	31.9
2296	0.0	-540.0	4.0	0.0	35.5	35.4
2297	20.0	-540.0	4.0	0.0	35.6	35.6
2298	40.0	-540.0	4.0	0.0	35.8	35.8
2299	60.0	-540.0	4.0	0.0	36.0	36.0
2300	80.0	-540.0	4.0	0.0	36.2	36.2
2301	100.0	-540.0	4.0	0.0	34.9	34.9
2302	120.0	-540.0	4.0	0.0	34.0	34.0
2303	140.0	-540.0	4.0	0.0	34.2	34.2
2304	160.0	-540.0	4.0	0.0	34.4	34.4
2305	180.0	-540.0	4.0	0.0	34.6	34.6
2306	200.0	-540.0	4.0	0.0	34.8	34.8
2307	220.0	-540.0	4.0	0.0	35.0	35.0
2308	240.0	-540.0	4.0	0.0	35.2	35.2
2309	260.0	-540.0	4.0	0.0	35.4	35.4
2310	280.0	-540.0	4.0	0.0	35.6	35.6
2311	300.0	-540.0	4.0	0.0	35.8	35.7
2312	320.0	-540.0	4.0	0.0	35.9	35.9
2313	340.0	-540.0	4.0	0.0	36.1	36.1
2314	360.0	-540.0	4.0	0.0	36.3	36.3
2315	380.0	-540.0	4.0	0.0	36.5	36.5
2316	400.0	-540.0	4.0	0.0	36.7	36.7
2317	420.0	-540.0	4.0	0.0	36.8	36.8
2318	440.0	-540.0	4.0	0.0	37.0	37.0
2319	460.0	-540.0	4.0	0.0	37.2	37.2

2320	480.0	-540.0	4.0	0.0	37.3	37.3
2321	500.0	-540.0	4.0	0.0	37.5	37.5
2322	520.0	-540.0	4.0	0.0	37.6	37.6
2323	540.0	-540.0	4.0	0.0	37.7	37.7
2324	560.0	-540.0	4.0	0.0	37.7	37.7
2325	580.0	-540.0	4.0	0.0	37.9	37.8
2326	600.0	-540.0	4.0	0.0	38.0	38.0
2327	620.0	-540.0	4.0	0.0	38.1	38.1
2328	640.0	-540.0	4.0	0.0	38.2	38.2
2329	660.0	-540.0	4.0	0.0	38.3	38.2
2330	680.0	-540.0	4.0	0.0	38.3	38.3
2331	700.0	-540.0	4.0	0.0	38.4	38.4
2332	720.0	-540.0	4.0	0.0	38.5	38.4
2333	740.0	-540.0	4.0	0.0	38.5	38.5
2334	760.0	-540.0	4.0	0.0	38.6	38.5
2335	780.0	-540.0	4.0	0.0	38.6	38.5
2336	800.0	-540.0	4.0	0.0	38.7	38.5
2337	820.0	-540.0	4.0	0.0	38.9	38.5
2338	840.0	-540.0	4.0	0.0	39.5	38.6
2339	860.0	-540.0	4.0	0.0	39.5	38.6
2340	880.0	-540.0	4.0	0.0	40.0	38.7
2341	900.0	-540.0	4.0	0.0	40.6	38.7
2342	920.0	-540.0	4.0	0.0	40.2	38.6
2343	940.0	-540.0	4.0	0.0	40.1	38.5
2344	960.0	-540.0	4.0	0.0	40.1	38.4
2345	980.0	-540.0	4.0	0.0	40.0	38.3
2346	1000.0	-540.0	4.0	0.0	39.9	38.2
2347	1020.0	-540.0	4.0	0.0	39.8	38.0
2348	1040.0	-540.0	4.0	0.0	39.7	37.9
2349	1060.0	-540.0	4.0	0.0	39.6	37.8
2350	1080.0	-540.0	4.0	0.0	39.5	37.7
2351	1100.0	-540.0	4.0	0.0	39.3	37.5
2352	1120.0	-540.0	4.0	0.0	39.2	37.3
2353	1140.0	-540.0	4.0	0.0	39.0	37.2
2354	1160.0	-540.0	4.0	0.0	38.8	37.0
2355	1180.0	-540.0	4.0	0.0	38.7	36.8
2356	1200.0	-540.0	4.0	0.0	38.5	36.6
2357	1220.0	-540.0	4.0	0.0	38.3	36.4
2358	1240.0	-540.0	4.0	0.0	38.1	36.2
2359	1260.0	-540.0	4.0	0.0	37.9	36.0
2360	1280.0	-540.0	4.0	0.0	37.8	35.8
2361	1300.0	-540.0	4.0	0.0	37.6	35.7
2362	1320.0	-540.0	4.0	0.0	37.4	35.5
2363	1340.0	-540.0	4.0	0.0	37.2	35.3
2364	1360.0	-540.0	4.0	0.0	37.0	35.1
2365	1380.0	-540.0	4.0	0.0	36.7	34.9
2366	1400.0	-540.0	4.0	0.0	36.5	34.7
2367	1420.0	-540.0	4.0	0.0	36.3	34.5
2368	1440.0	-540.0	4.0	0.0	36.1	34.3
2369	1460.0	-540.0	4.0	0.0	35.9	34.1
2370	1480.0	-540.0	4.0	0.0	35.7	33.9
2371	1500.0	-540.0	4.0	0.0	35.5	33.7
2372	1520.0	-540.0	4.0	0.0	35.3	33.5
2373	1540.0	-540.0	4.0	0.0	35.1	33.3
2374	1560.0	-540.0	4.0	0.0	34.9	33.1
2375	1580.0	-540.0	4.0	0.0	34.8	32.9
2376	1600.0	-540.0	4.0	0.0	34.6	32.7
2377	1620.0	-540.0	4.0	0.0	34.4	32.5
2378	1640.0	-540.0	4.0	0.0	34.2	32.3
2379	1660.0	-540.0	4.0	0.0	34.0	32.1
2380	1680.0	-540.0	4.0	0.0	33.8	32.0
2381	0.0	-560.0	4.0	0.0	35.6	35.6
2382	20.0	-560.0	4.0	0.0	33.7	33.7
2383	40.0	-560.0	4.0	0.0	33.4	33.4
2384	60.0	-560.0	4.0	0.0	33.6	33.6
2385	80.0	-560.0	4.0	0.0	33.8	33.8
2386	100.0	-560.0	4.0	0.0	34.0	34.0
2387	120.0	-560.0	4.0	0.0	34.2	34.2
2388	140.0	-560.0	4.0	0.0	34.4	34.4
2389	160.0	-560.0	4.0	0.0	34.6	34.6
2390	180.0	-560.0	4.0	0.0	34.8	34.8
2391	200.0	-560.0	4.0	0.0	35.0	35.0
2392	220.0	-560.0	4.0	0.0	35.2	35.2
2393	240.0	-560.0	4.0	0.0	35.4	35.4
2394	260.0	-560.0	4.0	0.0	35.6	35.6
2395	280.0	-560.0	4.0	0.0	35.8	35.8
2396	300.0	-560.0	4.0	0.0	36.0	36.0
2397	320.0	-560.0	4.0	0.0	36.2	36.2
2398	340.0	-560.0	4.0	0.0	36.4	36.4
2399	360.0	-560.0	4.0	0.0	36.6	36.5
2400	380.0	-560.0	4.0	0.0	36.7	36.7
2401	400.0	-560.0	4.0	0.0	36.9	36.9
2402	420.0	-560.0	4.0	0.0	37.1	37.1
2403	440.0	-560.0	4.0	0.0	37.3	37.3
2404	460.0	-560.0	4.0	0.0	37.4	37.4

2405	480.0	-560.0	4.0	0.0	37.5	37.4
2406	500.0	-560.0	4.0	0.0	37.6	37.6
2407	520.0	-560.0	4.0	0.0	37.8	37.8
2408	540.0	-560.0	4.0	0.0	37.9	37.9
2409	560.0	-560.0	4.0	0.0	38.1	38.0
2410	580.0	-560.0	4.0	0.0	38.2	38.2
2411	600.0	-560.0	4.0	0.0	38.3	38.3
2412	620.0	-560.0	4.0	0.0	38.4	38.4
2413	640.0	-560.0	4.0	0.0	38.5	38.5
2414	660.0	-560.0	4.0	0.0	38.6	38.6
2415	680.0	-560.0	4.0	0.0	38.7	38.7
2416	700.0	-560.0	4.0	0.0	38.8	38.7
2417	720.0	-560.0	4.0	0.0	38.8	38.8
2418	740.0	-560.0	4.0	0.0	38.9	38.8
2419	760.0	-560.0	4.0	0.0	38.9	38.9
2420	780.0	-560.0	4.0	0.0	39.0	38.9
2421	800.0	-560.0	4.0	0.0	39.1	38.9
2422	820.0	-560.0	4.0	0.0	39.2	38.9
2423	840.0	-560.0	4.0	0.0	39.9	39.0
2424	860.0	-560.0	4.0	0.0	39.8	39.0
2425	880.0	-560.0	4.0	0.0	40.4	39.1
2426	900.0	-560.0	4.0	0.0	41.0	39.1
2427	920.0	-560.0	4.0	0.0	40.9	39.0
2428	940.0	-560.0	4.0	0.0	40.5	38.8
2429	960.0	-560.0	4.0	0.0	40.5	38.7
2430	980.0	-560.0	4.0	0.0	40.4	38.6
2431	1000.0	-560.0	4.0	0.0	40.3	38.5
2432	1020.0	-560.0	4.0	0.0	40.2	38.4
2433	1040.0	-560.0	4.0	0.0	40.0	38.3
2434	1060.0	-560.0	4.0	0.0	39.9	38.1
2435	1080.0	-560.0	4.0	0.0	39.8	37.9
2436	1100.0	-560.0	4.0	0.0	39.6	37.8
2437	1120.0	-560.0	4.0	0.0	39.5	37.6
2438	1140.0	-560.0	4.0	0.0	39.3	37.4
2439	1160.0	-560.0	4.0	0.0	39.1	37.2
2440	1180.0	-560.0	4.0	0.0	39.0	37.1
2441	1200.0	-560.0	4.0	0.0	38.8	36.9
2442	1220.0	-560.0	4.0	0.0	38.6	36.7
2443	1240.0	-560.0	4.0	0.0	38.4	36.5
2444	1260.0	-560.0	4.0	0.0	38.2	36.3
2445	1280.0	-560.0	4.0	0.0	38.0	36.1
2446	1300.0	-560.0	4.0	0.0	37.8	35.9
2447	1320.0	-560.0	4.0	0.0	37.6	35.7
2448	1340.0	-560.0	4.0	0.0	37.4	35.4
2449	1360.0	-560.0	4.0	0.0	37.2	35.2
2450	1380.0	-560.0	4.0	0.0	36.9	35.0
2451	1400.0	-560.0	4.0	0.0	36.7	34.8
2452	1420.0	-560.0	4.0	0.0	36.5	34.6
2453	1440.0	-560.0	4.0	0.0	36.3	34.4
2454	1460.0	-560.0	4.0	0.0	36.1	34.2
2455	1480.0	-560.0	4.0	0.0	35.9	34.0
2456	1500.0	-560.0	4.0	0.0	35.7	33.8
2457	1520.0	-560.0	4.0	0.0	35.5	33.6
2458	1540.0	-560.0	4.0	0.0	35.3	33.4
2459	1560.0	-560.0	4.0	0.0	35.1	33.2
2460	1580.0	-560.0	4.0	0.0	34.9	33.0
2461	1600.0	-560.0	4.0	0.0	34.7	32.8
2462	1620.0	-560.0	4.0	0.0	34.5	32.6
2463	1640.0	-560.0	4.0	0.0	34.3	32.5
2464	1660.0	-560.0	4.0	0.0	34.1	32.3
2465	1680.0	-560.0	4.0	0.0	33.9	32.1
2466	0.0	-580.0	4.0	0.0	33.1	33.1
2467	20.0	-580.0	4.0	0.0	33.3	33.3
2468	40.0	-580.0	4.0	0.0	33.5	33.5
2469	60.0	-580.0	4.0	0.0	33.7	33.7
2470	80.0	-580.0	4.0	0.0	33.9	33.9
2471	100.0	-580.0	4.0	0.0	34.1	34.1
2472	120.0	-580.0	4.0	0.0	34.3	34.3
2473	140.0	-580.0	4.0	0.0	34.5	34.5
2474	160.0	-580.0	4.0	0.0	34.8	34.7
2475	180.0	-580.0	4.0	0.0	35.0	34.9
2476	200.0	-580.0	4.0	0.0	35.2	35.2
2477	220.0	-580.0	4.0	0.0	35.4	35.4
2478	240.0	-580.0	4.0	0.0	35.6	35.6
2479	260.0	-580.0	4.0	0.0	35.8	35.8
2480	280.0	-580.0	4.0	0.0	36.0	36.0
2481	300.0	-580.0	4.0	0.0	36.2	36.2
2482	320.0	-580.0	4.0	0.0	36.4	36.4
2483	340.0	-580.0	4.0	0.0	36.6	36.6
2484	360.0	-580.0	4.0	0.0	36.8	36.8
2485	380.0	-580.0	4.0	0.0	36.8	36.8
2486	400.0	-580.0	4.0	0.0	37.0	37.0
2487	420.0	-580.0	4.0	0.0	37.2	37.2
2488	440.0	-580.0	4.0	0.0	37.4	37.4
2489	460.0	-580.0	4.0	0.0	37.6	37.6

2490	480.0	-580.0	4.0	0.0	37.7	37.7
2491	500.0	-580.0	4.0	0.0	37.9	37.9
2492	520.0	-580.0	4.0	0.0	38.1	38.1
2493	540.0	-580.0	4.0	0.0	38.2	38.2
2494	560.0	-580.0	4.0	0.0	38.4	38.4
2495	580.0	-580.0	4.0	0.0	38.5	38.5
2496	600.0	-580.0	4.0	0.0	38.7	38.7
2497	620.0	-580.0	4.0	0.0	38.8	38.8
2498	640.0	-580.0	4.0	0.0	38.9	38.9
2499	660.0	-580.0	4.0	0.0	39.0	39.0
2500	680.0	-580.0	4.0	0.0	39.1	39.1
2501	700.0	-580.0	4.0	0.0	39.1	39.1
2502	720.0	-580.0	4.0	0.0	39.2	39.2
2503	740.0	-580.0	4.0	0.0	39.3	39.2
2504	760.0	-580.0	4.0	0.0	39.3	39.3
2505	780.0	-580.0	4.0	0.0	39.3	39.3
2506	800.0	-580.0	4.0	0.0	39.4	39.3
2507	820.0	-580.0	4.0	0.0	39.5	39.3
2508	840.0	-580.0	4.0	0.0	40.2	39.3
2509	860.0	-580.0	4.0	0.0	40.3	39.3
2510	880.0	-580.0	4.0	0.0	40.7	39.3
2511	900.0	-580.0	4.0	0.0	41.4	39.5
2512	920.0	-580.0	4.0	0.0	41.3	39.4
2513	940.0	-580.0	4.0	0.0	40.9	39.2
2514	960.0	-580.0	4.0	0.0	40.8	39.1
2515	980.0	-580.0	4.0	0.0	40.8	39.0
2516	1000.0	-580.0	4.0	0.0	40.7	38.9
2517	1020.0	-580.0	4.0	0.0	40.6	38.7
2518	1040.0	-580.0	4.0	0.0	40.4	38.6
2519	1060.0	-580.0	4.0	0.0	40.3	38.4
2520	1080.0	-580.0	4.0	0.0	40.1	38.3
2521	1100.0	-580.0	4.0	0.0	40.0	38.1
2522	1120.0	-580.0	4.0	0.0	39.8	37.9
2523	1140.0	-580.0	4.0	0.0	39.6	37.7
2524	1160.0	-580.0	4.0	0.0	39.5	37.5
2525	1180.0	-580.0	4.0	0.0	39.3	37.3
2526	1200.0	-580.0	4.0	0.0	39.1	37.1
2527	1220.0	-580.0	4.0	0.0	38.9	36.9
2528	1240.0	-580.0	4.0	0.0	38.7	36.7
2529	1260.0	-580.0	4.0	0.0	38.5	36.5
2530	1280.0	-580.0	4.0	0.0	38.2	36.3
2531	1300.0	-580.0	4.0	0.0	38.0	36.1
2532	1320.0	-580.0	4.0	0.0	37.8	35.9
2533	1340.0	-580.0	4.0	0.0	37.6	35.6
2534	1360.0	-580.0	4.0	0.0	37.4	35.4
2535	1380.0	-580.0	4.0	0.0	37.1	35.2
2536	1400.0	-580.0	4.0	0.0	36.9	35.0
2537	1420.0	-580.0	4.0	0.0	36.7	34.8
2538	1440.0	-580.0	4.0	0.0	36.5	34.6
2539	1460.0	-580.0	4.0	0.0	36.3	34.4
2540	1480.0	-580.0	4.0	0.0	36.1	34.2
2541	1500.0	-580.0	4.0	0.0	35.8	33.9
2542	1520.0	-580.0	4.0	0.0	35.6	33.7
2543	1540.0	-580.0	4.0	0.0	35.4	33.5
2544	1560.0	-580.0	4.0	0.0	35.2	33.3
2545	1580.0	-580.0	4.0	0.0	35.0	33.2
2546	1600.0	-580.0	4.0	0.0	34.8	33.0
2547	1620.0	-580.0	4.0	0.0	34.6	32.8
2548	1640.0	-580.0	4.0	0.0	34.4	32.6
2549	1660.0	-580.0	4.0	0.0	34.2	32.4
2550	1680.0	-580.0	4.0	0.0	34.0	32.2
2551	0.0	-600.0	4.0	0.0	33.3	33.3
2552	20.0	-600.0	4.0	0.0	33.5	33.5
2553	40.0	-600.0	4.0	0.0	33.7	33.7
2554	60.0	-600.0	4.0	0.0	33.9	33.9
2555	80.0	-600.0	4.0	0.0	34.1	34.1
2556	100.0	-600.0	4.0	0.0	34.3	34.3
2557	120.0	-600.0	4.0	0.0	34.5	34.5
2558	140.0	-600.0	4.0	0.0	34.7	34.7
2559	160.0	-600.0	4.0	0.0	34.9	34.9
2560	180.0	-600.0	4.0	0.0	35.1	35.1
2561	200.0	-600.0	4.0	0.0	35.3	35.3
2562	220.0	-600.0	4.0	0.0	35.6	35.6
2563	240.0	-600.0	4.0	0.0	35.8	35.8
2564	260.0	-600.0	4.0	0.0	36.0	36.0
2565	280.0	-600.0	4.0	0.0	36.2	36.2
2566	300.0	-600.0	4.0	0.0	36.2	36.2
2567	320.0	-600.0	4.0	0.0	36.5	36.4
2568	340.0	-600.0	4.0	0.0	36.7	36.7
2569	360.0	-600.0	4.0	0.0	36.9	36.9
2570	380.0	-600.0	4.0	0.0	37.1	37.1
2571	400.0	-600.0	4.0	0.0	37.3	37.3
2572	420.0	-600.0	4.0	0.0	37.5	37.5
2573	440.0	-600.0	4.0	0.0	37.7	37.7
2574	460.0	-600.0	4.0	0.0	37.9	37.9

2575	480.0	-600.0	4.0	0.0	38.1	38.1
2576	500.0	-600.0	4.0	0.0	38.2	38.2
2577	520.0	-600.0	4.0	0.0	38.4	38.4
2578	540.0	-600.0	4.0	0.0	38.6	38.6
2579	560.0	-600.0	4.0	0.0	38.7	38.7
2580	580.0	-600.0	4.0	0.0	38.9	38.9
2581	600.0	-600.0	4.0	0.0	39.0	39.0
2582	620.0	-600.0	4.0	0.0	39.1	39.1
2583	640.0	-600.0	4.0	0.0	39.2	39.3
2584	660.0	-600.0	4.0	0.0	39.4	39.4
2585	680.0	-600.0	4.0	0.0	39.4	39.4
2586	700.0	-600.0	4.0	0.0	39.5	39.5
2587	720.0	-600.0	4.0	0.0	39.6	39.6
2588	740.0	-600.0	4.0	0.0	39.6	39.6
2589	760.0	-600.0	4.0	0.0	39.7	39.7
2590	780.0	-600.0	4.0	0.0	39.7	39.7
2591	800.0	-600.0	4.0	0.0	39.8	39.7
2592	820.0	-600.0	4.0	0.0	39.9	39.7
2593	840.0	-600.0	4.0	0.0	40.1	39.7
2594	860.0	-600.0	4.0	0.0	40.7	39.7
2595	880.0	-600.0	4.0	0.0	41.0	39.7
2596	900.0	-600.0	4.0	0.0	41.8	39.9
2597	920.0	-600.0	4.0	0.0	41.8	39.8
2598	940.0	-600.0	4.0	0.0	41.3	39.6
2599	960.0	-600.0	4.0	0.0	41.3	39.5
2600	980.0	-600.0	4.0	0.0	41.2	39.4
2601	1000.0	-600.0	4.0	0.0	41.1	39.2
2602	1020.0	-600.0	4.0	0.0	41.0	39.1
2603	1040.0	-600.0	4.0	0.0	40.8	38.9
2604	1060.0	-600.0	4.0	0.0	40.6	38.8
2605	1080.0	-600.0	4.0	0.0	40.5	38.6
2606	1100.0	-600.0	4.0	0.0	40.3	38.4
2607	1120.0	-600.0	4.0	0.0	40.1	38.2
2608	1140.0	-600.0	4.0	0.0	40.0	38.0
2609	1160.0	-600.0	4.0	0.0	39.8	37.8
2610	1180.0	-600.0	4.0	0.0	39.6	37.6
2611	1200.0	-600.0	4.0	0.0	39.3	37.4
2612	1220.0	-600.0	4.0	0.0	39.1	37.2
2613	1240.0	-600.0	4.0	0.0	38.9	36.9
2614	1260.0	-600.0	4.0	0.0	38.7	36.7
2615	1280.0	-600.0	4.0	0.0	38.5	36.5
2616	1300.0	-600.0	4.0	0.0	38.2	36.3
2617	1320.0	-600.0	4.0	0.0	38.0	36.0
2618	1340.0	-600.0	4.0	0.0	37.8	35.8
2619	1360.0	-600.0	4.0	0.0	37.6	35.6
2620	1380.0	-600.0	4.0	0.0	37.3	35.4
2621	1400.0	-600.0	4.0	0.0	37.1	35.1
2622	1420.0	-600.0	4.0	0.0	36.9	34.9
2623	1440.0	-600.0	4.0	0.0	36.7	34.7
2624	1460.0	-600.0	4.0	0.0	36.4	34.5
2625	1480.0	-600.0	4.0	0.0	36.2	34.3
2626	1500.0	-600.0	4.0	0.0	36.0	34.1
2627	1520.0	-600.0	4.0	0.0	35.8	33.9
2628	1540.0	-600.0	4.0	0.0	35.6	33.7
2629	1560.0	-600.0	4.0	0.0	35.3	33.5
2630	1580.0	-600.0	4.0	0.0	35.1	33.3
2631	1600.0	-600.0	4.0	0.0	34.9	33.1
2632	1620.0	-600.0	4.0	0.0	34.7	32.9
2633	1640.0	-600.0	4.0	0.0	34.5	32.7
2634	1660.0	-600.0	4.0	0.0	34.3	32.5
2635	1680.0	-600.0	4.0	0.0	34.1	32.3
2636	0.0	-620.0	4.0	0.0	33.4	33.4
2637	20.0	-620.0	4.0	0.0	33.6	33.6
2638	40.0	-620.0	4.0	0.0	33.8	33.8
2639	60.0	-620.0	4.0	0.0	34.0	34.0
2640	80.0	-620.0	4.0	0.0	34.2	34.2
2641	100.0	-620.0	4.0	0.0	34.4	34.4
2642	120.0	-620.0	4.0	0.0	34.7	34.6
2643	140.0	-620.0	4.0	0.0	34.9	34.9
2644	160.0	-620.0	4.0	0.0	35.1	35.1
2645	180.0	-620.0	4.0	0.0	35.3	35.3
2646	200.0	-620.0	4.0	0.0	35.5	35.5
2647	220.0	-620.0	4.0	0.0	35.6	35.6
2648	240.0	-620.0	4.0	0.0	35.8	35.8
2649	260.0	-620.0	4.0	0.0	36.0	36.0
2650	280.0	-620.0	4.0	0.0	36.2	36.2
2651	300.0	-620.0	4.0	0.0	36.5	36.4
2652	320.0	-620.0	4.0	0.0	36.7	36.7
2653	340.0	-620.0	4.0	0.0	36.9	36.9
2654	360.0	-620.0	4.0	0.0	37.1	37.1
2655	380.0	-620.0	4.0	0.0	37.3	37.3
2656	400.0	-620.0	4.0	0.0	37.5	37.5
2657	420.0	-620.0	4.0	0.0	37.8	37.8
2658	440.0	-620.0	4.0	0.0	38.0	38.0
2659	460.0	-620.0	4.0	0.0	38.2	38.2

2660	480.0	-620.0	4.0	0.0	38.4	38.4
2661	500.0	-620.0	4.0	0.0	38.5	38.5
2662	520.0	-620.0	4.0	0.0	38.7	38.7
2663	540.0	-620.0	4.0	0.0	38.9	38.9
2664	560.0	-620.0	4.0	0.0	39.1	39.1
2665	580.0	-620.0	4.0	0.0	39.2	39.2
2666	600.0	-620.0	4.0	0.0	39.4	39.4
2667	620.0	-620.0	4.0	0.0	39.5	39.5
2668	640.0	-620.0	4.0	0.0	39.6	39.6
2669	660.0	-620.0	4.0	0.0	39.7	39.7
2670	680.0	-620.0	4.0	0.0	39.8	39.8
2671	700.0	-620.0	4.0	0.0	39.9	39.9
2672	720.0	-620.0	4.0	0.0	40.0	40.0
2673	740.0	-620.0	4.0	0.0	40.1	40.0
2674	760.0	-620.0	4.0	0.0	40.1	40.1
2675	780.0	-620.0	4.0	0.0	40.1	40.1
2676	800.0	-620.0	4.0	0.0	40.2	40.1
2677	820.0	-620.0	4.0	0.0	40.3	40.1
2678	840.0	-620.0	4.0	0.0	40.4	40.1
2679	860.0	-620.0	4.0	0.0	41.1	40.2
2680	880.0	-620.0	4.0	0.0	41.0	40.1
2681	900.0	-620.0	4.0	0.0	42.2	40.3
2682	920.0	-620.0	4.0	0.0	42.2	40.2
2683	940.0	-620.0	4.0	0.0	41.8	40.0
2684	960.0	-620.0	4.0	0.0	41.7	39.9
2685	980.0	-620.0	4.0	0.0	41.6	39.8
2686	1000.0	-620.0	4.0	0.0	41.5	39.6
2687	1020.0	-620.0	4.0	0.0	41.4	39.5
2688	1040.0	-620.0	4.0	0.0	41.2	39.3
2689	1060.0	-620.0	4.0	0.0	41.0	39.1
2690	1080.0	-620.0	4.0	0.0	40.9	38.9
2691	1100.0	-620.0	4.0	0.0	40.7	38.7
2692	1120.0	-620.0	4.0	0.0	40.5	38.5
2693	1140.0	-620.0	4.0	0.0	40.3	38.3
2694	1160.0	-620.0	4.0	0.0	40.1	38.1
2695	1180.0	-620.0	4.0	0.0	39.9	37.8
2696	1200.0	-620.0	4.0	0.0	39.6	37.6
2697	1220.0	-620.0	4.0	0.0	39.4	37.4
2698	1240.0	-620.0	4.0	0.0	39.2	37.2
2699	1260.0	-620.0	4.0	0.0	39.0	36.9
2700	1280.0	-620.0	4.0	0.0	38.7	36.7
2701	1300.0	-620.0	4.0	0.0	38.5	36.5
2702	1320.0	-620.0	4.0	0.0	38.2	36.2
2703	1340.0	-620.0	4.0	0.0	38.0	36.0
2704	1360.0	-620.0	4.0	0.0	37.8	35.8
2705	1380.0	-620.0	4.0	0.0	37.5	35.5
2706	1400.0	-620.0	4.0	0.0	37.3	35.3
2707	1420.0	-620.0	4.0	0.0	37.1	35.1
2708	1440.0	-620.0	4.0	0.0	36.8	34.9
2709	1460.0	-620.0	4.0	0.0	36.6	34.7
2710	1480.0	-620.0	4.0	0.0	36.4	34.4
2711	1500.0	-620.0	4.0	0.0	36.1	34.2
2712	1520.0	-620.0	4.0	0.0	35.9	34.0
2713	1540.0	-620.0	4.0	0.0	35.7	33.8
2714	1560.0	-620.0	4.0	0.0	35.5	33.6
2715	1580.0	-620.0	4.0	0.0	35.3	33.4
2716	1600.0	-620.0	4.0	0.0	35.1	33.2
2717	1620.0	-620.0	4.0	0.0	34.8	33.0
2718	1640.0	-620.0	4.0	0.0	34.6	32.8
2719	1660.0	-620.0	4.0	0.0	34.4	32.6
2720	1680.0	-620.0	4.0	0.0	34.2	32.4
2721	0.0	-640.0	4.0	0.0	33.5	33.5
2722	20.0	-640.0	4.0	0.0	33.7	33.7
2723	40.0	-640.0	4.0	0.0	33.9	33.9
2724	60.0	-640.0	4.0	0.0	34.1	34.1
2725	80.0	-640.0	4.0	0.0	34.4	34.4
2726	100.0	-640.0	4.0	0.0	34.6	34.6
2727	120.0	-640.0	4.0	0.0	34.7	34.7
2728	140.0	-640.0	4.0	0.0	34.9	34.9
2729	160.0	-640.0	4.0	0.0	35.1	35.1
2730	180.0	-640.0	4.0	0.0	35.3	35.3
2731	200.0	-640.0	4.0	0.0	35.5	35.5
2732	220.0	-640.0	4.0	0.0	35.8	35.7
2733	240.0	-640.0	4.0	0.0	36.0	36.0
2734	260.0	-640.0	4.0	0.0	36.2	36.2
2735	280.0	-640.0	4.0	0.0	36.4	36.4
2736	300.0	-640.0	4.0	0.0	36.7	36.7
2737	320.0	-640.0	4.0	0.0	36.9	36.9
2738	340.0	-640.0	4.0	0.0	37.1	37.1
2739	360.0	-640.0	4.0	0.0	37.4	37.4
2740	380.0	-640.0	4.0	0.0	37.6	37.6
2741	400.0	-640.0	4.0	0.0	37.8	37.8
2742	420.0	-640.0	4.0	0.0	38.0	38.0
2743	440.0	-640.0	4.0	0.0	38.3	38.3
2744	460.0	-640.0	4.0	0.0	38.5	38.5

2745	480.0	-640.0	4.0	0.0	38.7	38.7
2746	500.0	-640.0	4.0	0.0	38.9	38.9
2747	520.0	-640.0	4.0	0.0	39.1	39.1
2748	540.0	-640.0	4.0	0.0	39.3	39.3
2749	560.0	-640.0	4.0	0.0	39.4	39.4
2750	580.0	-640.0	4.0	0.0	39.6	39.6
2751	600.0	-640.0	4.0	0.0	39.8	39.8
2752	620.0	-640.0	4.0	0.0	39.9	39.9
2753	640.0	-640.0	4.0	0.0	40.0	40.0
2754	660.0	-640.0	4.0	0.0	40.1	40.2
2755	680.0	-640.0	4.0	0.0	40.3	40.3
2756	700.0	-640.0	4.0	0.0	40.3	40.4
2757	720.0	-640.0	4.0	0.0	40.4	40.4
2758	740.0	-640.0	4.0	0.0	40.5	40.5
2759	760.0	-640.0	4.0	0.0	40.5	40.5
2760	780.0	-640.0	4.0	0.0	40.6	40.6
2761	800.0	-640.0	4.0	0.0	40.6	40.6
2762	820.0	-640.0	4.0	0.0	40.7	40.6
2763	840.0	-640.0	4.0	0.0	40.8	40.5
2764	860.0	-640.0	4.0	0.0	41.5	40.6
2765	880.0	-640.0	4.0	0.0	41.5	40.5
2766	900.0	-640.0	4.0	0.0	42.7	40.7
2767	920.0	-640.0	4.0	0.0	42.6	40.6
2768	940.0	-640.0	4.0	0.0	42.2	40.4
2769	960.0	-640.0	4.0	0.0	42.1	40.3
2770	980.0	-640.0	4.0	0.0	42.0	40.2
2771	1000.0	-640.0	4.0	0.0	41.9	40.0
2772	1020.0	-640.0	4.0	0.0	41.8	39.8
2773	1040.0	-640.0	4.0	0.0	41.6	39.7
2774	1060.0	-640.0	4.0	0.0	41.4	39.5
2775	1080.0	-640.0	4.0	0.0	41.2	39.3
2776	1100.0	-640.0	4.0	0.0	41.0	39.0
2777	1120.0	-640.0	4.0	0.0	40.8	38.8
2778	1140.0	-640.0	4.0	0.0	40.6	38.6
2779	1160.0	-640.0	4.0	0.0	40.4	38.4
2780	1180.0	-640.0	4.0	0.0	40.2	38.1
2781	1200.0	-640.0	4.0	0.0	39.9	37.9
2782	1220.0	-640.0	4.0	0.0	39.7	37.6
2783	1240.0	-640.0	4.0	0.0	39.5	37.4
2784	1260.0	-640.0	4.0	0.0	39.2	37.2
2785	1280.0	-640.0	4.0	0.0	39.0	36.9
2786	1300.0	-640.0	4.0	0.0	38.7	36.7
2787	1320.0	-640.0	4.0	0.0	38.5	36.4
2788	1340.0	-640.0	4.0	0.0	38.2	36.2
2789	1360.0	-640.0	4.0	0.0	38.0	35.9
2790	1380.0	-640.0	4.0	0.0	37.7	35.7
2791	1400.0	-640.0	4.0	0.0	37.5	35.5
2792	1420.0	-640.0	4.0	0.0	37.2	35.2
2793	1440.0	-640.0	4.0	0.0	37.0	35.0
2794	1460.0	-640.0	4.0	0.0	36.8	34.8
2795	1480.0	-640.0	4.0	0.0	36.5	34.6
2796	1500.0	-640.0	4.0	0.0	36.3	34.3
2797	1520.0	-640.0	4.0	0.0	36.1	34.1
2798	1540.0	-640.0	4.0	0.0	35.8	33.9
2799	1560.0	-640.0	4.0	0.0	35.6	33.7
2800	1580.0	-640.0	4.0	0.0	35.4	33.5
2801	1600.0	-640.0	4.0	0.0	35.2	33.3
2802	1620.0	-640.0	4.0	0.0	34.9	33.0
2803	1640.0	-640.0	4.0	0.0	34.7	32.8
2804	1660.0	-640.0	4.0	0.0	34.5	32.6
2805	1680.0	-640.0	4.0	0.0	34.3	32.4
2806	0.0	-660.0	4.0	0.0	33.6	33.6
2807	20.0	-660.0	4.0	0.0	33.8	33.8
2808	40.0	-660.0	4.0	0.0	33.9	33.9
2809	60.0	-660.0	4.0	0.0	34.1	34.1
2810	80.0	-660.0	4.0	0.0	34.3	34.3
2811	100.0	-660.0	4.0	0.0	34.6	34.6
2812	120.0	-660.0	4.0	0.0	34.8	34.8
2813	140.0	-660.0	4.0	0.0	35.0	35.0
2814	160.0	-660.0	4.0	0.0	35.3	35.2
2815	180.0	-660.0	4.0	0.0	35.5	35.5
2816	200.0	-660.0	4.0	0.0	35.7	35.7
2817	220.0	-660.0	4.0	0.0	35.9	35.9
2818	240.0	-660.0	4.0	0.0	36.2	36.2
2819	260.0	-660.0	4.0	0.0	36.4	36.4
2820	280.0	-660.0	4.0	0.0	36.7	36.6
2821	300.0	-660.0	4.0	0.0	36.9	36.9
2822	320.0	-660.0	4.0	0.0	37.1	37.1
2823	340.0	-660.0	4.0	0.0	37.4	37.4
2824	360.0	-660.0	4.0	0.0	37.6	37.6
2825	380.0	-660.0	4.0	0.0	37.9	37.9
2826	400.0	-660.0	4.0	0.0	38.1	38.1
2827	420.0	-660.0	4.0	0.0	38.3	38.3
2828	440.0	-660.0	4.0	0.0	38.6	38.6
2829	460.0	-660.0	4.0	0.0	38.8	38.8

2830	480.0	-660.0	4.0	0.0	39.0	39.0
2831	500.0	-660.0	4.0	0.0	39.2	39.2
2832	520.0	-660.0	4.0	0.0	39.4	39.4
2833	540.0	-660.0	4.0	0.0	39.6	39.6
2834	560.0	-660.0	4.0	0.0	39.8	39.8
2835	580.0	-660.0	4.0	0.0	40.0	40.0
2836	600.0	-660.0	4.0	0.0	40.1	40.2
2837	620.0	-660.0	4.0	0.0	40.3	40.3
2838	640.0	-660.0	4.0	0.0	40.4	40.5
2839	660.0	-660.0	4.0	0.0	40.6	40.6
2840	680.0	-660.0	4.0	0.0	40.7	40.7
2841	700.0	-660.0	4.0	0.0	40.8	40.8
2842	720.0	-660.0	4.0	0.0	40.9	40.9
2843	740.0	-660.0	4.0	0.0	40.9	40.9
2844	760.0	-660.0	4.0	0.0	41.0	41.0
2845	780.0	-660.0	4.0	0.0	41.0	41.0
2846	800.0	-660.0	4.0	0.0	41.0	41.0
2847	820.0	-660.0	4.0	0.0	41.1	41.0
2848	840.0	-660.0	4.0	0.0	41.2	41.0
2849	860.0	-660.0	4.0	0.0	41.9	41.0
2850	880.0	-660.0	4.0	0.0	42.0	41.0
2851	900.0	-660.0	4.0	0.0	42.4	41.1
2852	920.0	-660.0	4.0	0.0	43.1	41.1
2853	940.0	-660.0	4.0	0.0	42.7	40.9
2854	960.0	-660.0	4.0	0.0	42.6	40.7
2855	980.0	-660.0	4.0	0.0	42.5	40.6
2856	1000.0	-660.0	4.0	0.0	42.3	40.4
2857	1020.0	-660.0	4.0	0.0	42.2	40.2
2858	1040.0	-660.0	4.0	0.0	42.0	40.0
2859	1060.0	-660.0	4.0	0.0	41.8	39.8
2860	1080.0	-660.0	4.0	0.0	41.6	39.6
2861	1100.0	-660.0	4.0	0.0	41.4	39.4
2862	1120.0	-660.0	4.0	0.0	41.2	39.1
2863	1140.0	-660.0	4.0	0.0	41.0	38.9
2864	1160.0	-660.0	4.0	0.0	40.7	38.7
2865	1180.0	-660.0	4.0	0.0	40.5	38.4
2866	1200.0	-660.0	4.0	0.0	40.2	38.1
2867	1220.0	-660.0	4.0	0.0	40.0	37.9
2868	1240.0	-660.0	4.0	0.0	39.7	37.7
2869	1260.0	-660.0	4.0	0.0	39.5	37.4
2870	1280.0	-660.0	4.0	0.0	39.2	37.1
2871	1300.0	-660.0	4.0	0.0	39.0	36.9
2872	1320.0	-660.0	4.0	0.0	38.7	36.6
2873	1340.0	-660.0	4.0	0.0	38.4	36.4
2874	1360.0	-660.0	4.0	0.0	38.2	36.1
2875	1380.0	-660.0	4.0	0.0	37.9	35.9
2876	1400.0	-660.0	4.0	0.0	37.7	35.6
2877	1420.0	-660.0	4.0	0.0	37.4	35.4
2878	1440.0	-660.0	4.0	0.0	37.2	35.2
2879	1460.0	-660.0	4.0	0.0	36.9	34.9
2880	1480.0	-660.0	4.0	0.0	36.7	34.7
2881	1500.0	-660.0	4.0	0.0	36.4	34.5
2882	1520.0	-660.0	4.0	0.0	36.2	34.2
2883	1540.0	-660.0	4.0	0.0	35.9	34.0
2884	1560.0	-660.0	4.0	0.0	35.7	33.8
2885	1580.0	-660.0	4.0	0.0	35.5	33.6
2886	1600.0	-660.0	4.0	0.0	35.3	33.4
2887	1620.0	-660.0	4.0	0.0	35.0	33.1
2888	1640.0	-660.0	4.0	0.0	34.8	32.9
2889	1660.0	-660.0	4.0	0.0	34.6	32.7
2890	1680.0	-660.0	4.0	0.0	34.4	32.5
2891	0.0	-680.0	4.0	0.0	33.6	33.6
2892	20.0	-680.0	4.0	0.0	33.8	33.8
2893	40.0	-680.0	4.0	0.0	34.0	34.0
2894	60.0	-680.0	4.0	0.0	34.2	34.2
2895	80.0	-680.0	4.0	0.0	34.5	34.5
2896	100.0	-680.0	4.0	0.0	34.7	34.7
2897	120.0	-680.0	4.0	0.0	34.9	34.9
2898	140.0	-680.0	4.0	0.0	35.2	35.2
2899	160.0	-680.0	4.0	0.0	35.4	35.4
2900	180.0	-680.0	4.0	0.0	35.6	35.6
2901	200.0	-680.0	4.0	0.0	35.9	35.9
2902	220.0	-680.0	4.0	0.0	36.1	36.1
2903	240.0	-680.0	4.0	0.0	36.4	36.4
2904	260.0	-680.0	4.0	0.0	36.6	36.6
2905	280.0	-680.0	4.0	0.0	36.9	36.9
2906	300.0	-680.0	4.0	0.0	37.1	37.1
2907	320.0	-680.0	4.0	0.0	37.4	37.4
2908	340.0	-680.0	4.0	0.0	37.6	37.6
2909	360.0	-680.0	4.0	0.0	37.9	37.9
2910	380.0	-680.0	4.0	0.0	38.1	38.1
2911	400.0	-680.0	4.0	0.0	38.4	38.4
2912	420.0	-680.0	4.0	0.0	38.6	38.6
2913	440.0	-680.0	4.0	0.0	38.9	38.9
2914	460.0	-680.0	4.0	0.0	39.1	39.1

2915	480.0	-680.0	4.0	0.0	39.3	39.3
2916	500.0	-680.0	4.0	0.0	39.5	39.6
2917	520.0	-680.0	4.0	0.0	39.8	39.8
2918	540.0	-680.0	4.0	0.0	40.0	40.0
2919	560.0	-680.0	4.0	0.0	40.2	40.2
2920	580.0	-680.0	4.0	0.0	40.4	40.4
2921	600.0	-680.0	4.0	0.0	40.6	40.6
2922	620.0	-680.0	4.0	0.0	40.7	40.7
2923	640.0	-680.0	4.0	0.0	40.9	40.9
2924	660.0	-680.0	4.0	0.0	41.0	41.0
2925	680.0	-680.0	4.0	0.0	41.1	41.1
2926	700.0	-680.0	4.0	0.0	41.2	41.2
2927	720.0	-680.0	4.0	0.0	41.3	41.3
2928	740.0	-680.0	4.0	0.0	41.4	41.4
2929	760.0	-680.0	4.0	0.0	41.5	41.5
2930	780.0	-680.0	4.0	0.0	41.5	41.5
2931	800.0	-680.0	4.0	0.0	41.5	41.5
2932	820.0	-680.0	4.0	0.0	41.5	41.5
2933	840.0	-680.0	4.0	0.0	41.6	41.5
2934	860.0	-680.0	4.0	0.0	41.8	41.4
2935	880.0	-680.0	4.0	0.0	42.4	41.5
2936	900.0	-680.0	4.0	0.0	42.8	41.4
2937	920.0	-680.0	4.0	0.0	43.6	41.5
2938	940.0	-680.0	4.0	0.0	43.2	41.3
2939	960.0	-680.0	4.0	0.0	43.1	41.2
2940	980.0	-680.0	4.0	0.0	42.9	41.0
2941	1000.0	-680.0	4.0	0.0	42.8	40.8
2942	1020.0	-680.0	4.0	0.0	42.6	40.6
2943	1040.0	-680.0	4.0	0.0	42.4	40.4
2944	1060.0	-680.0	4.0	0.0	42.2	40.2
2945	1080.0	-680.0	4.0	0.0	42.0	40.0
2946	1100.0	-680.0	4.0	0.0	41.8	39.7
2947	1120.0	-680.0	4.0	0.0	41.6	39.5
2948	1140.0	-680.0	4.0	0.0	41.3	39.2
2949	1160.0	-680.0	4.0	0.0	41.1	38.9
2950	1180.0	-680.0	4.0	0.0	40.8	38.7
2951	1200.0	-680.0	4.0	0.0	40.5	38.4
2952	1220.0	-680.0	4.0	0.0	40.3	38.1
2953	1240.0	-680.0	4.0	0.0	40.0	37.9
2954	1260.0	-680.0	4.0	0.0	39.7	37.6
2955	1280.0	-680.0	4.0	0.0	39.5	37.4
2956	1300.0	-680.0	4.0	0.0	39.2	37.1
2957	1320.0	-680.0	4.0	0.0	38.9	36.8
2958	1340.0	-680.0	4.0	0.0	38.6	36.6
2959	1360.0	-680.0	4.0	0.0	38.4	36.3
2960	1380.0	-680.0	4.0	0.0	38.1	36.0
2961	1400.0	-680.0	4.0	0.0	37.8	35.8
2962	1420.0	-680.0	4.0	0.0	37.6	35.5
2963	1440.0	-680.0	4.0	0.0	37.3	35.3
2964	1460.0	-680.0	4.0	0.0	37.0	35.0
2965	1480.0	-680.0	4.0	0.0	36.8	34.8
2966	1500.0	-680.0	4.0	0.0	36.6	34.6
2967	1520.0	-680.0	4.0	0.0	36.3	34.3
2968	1540.0	-680.0	4.0	0.0	36.1	34.1
2969	1560.0	-680.0	4.0	0.0	35.8	33.9
2970	1580.0	-680.0	4.0	0.0	35.6	33.7
2971	1600.0	-680.0	4.0	0.0	35.4	33.5
2972	1620.0	-680.0	4.0	0.0	35.1	33.2
2973	1640.0	-680.0	4.0	0.0	34.9	33.0
2974	1660.0	-680.0	4.0	0.0	34.7	32.8
2975	1680.0	-680.0	4.0	0.0	34.5	32.6
2976	0.0	-700.0	4.0	0.0	33.7	33.7
2977	20.0	-700.0	4.0	0.0	33.9	33.9
2978	40.0	-700.0	4.0	0.0	34.1	34.1
2979	60.0	-700.0	4.0	0.0	34.4	34.4
2980	80.0	-700.0	4.0	0.0	34.6	34.6
2981	100.0	-700.0	4.0	0.0	34.8	34.8
2982	120.0	-700.0	4.0	0.0	35.1	35.1
2983	140.0	-700.0	4.0	0.0	35.3	35.3
2984	160.0	-700.0	4.0	0.0	35.6	35.5
2985	180.0	-700.0	4.0	0.0	35.8	35.8
2986	200.0	-700.0	4.0	0.0	36.1	36.0
2987	220.0	-700.0	4.0	0.0	36.3	36.3
2988	240.0	-700.0	4.0	0.0	36.6	36.5
2989	260.0	-700.0	4.0	0.0	36.8	36.8
2990	280.0	-700.0	4.0	0.0	37.1	37.1
2991	300.0	-700.0	4.0	0.0	37.3	37.3
2992	320.0	-700.0	4.0	0.0	37.6	37.6
2993	340.0	-700.0	4.0	0.0	37.9	37.8
2994	360.0	-700.0	4.0	0.0	38.1	38.1
2995	380.0	-700.0	4.0	0.0	38.4	38.4
2996	400.0	-700.0	4.0	0.0	38.6	38.6
2997	420.0	-700.0	4.0	0.0	38.9	38.9
2998	440.0	-700.0	4.0	0.0	39.2	39.2
2999	460.0	-700.0	4.0	0.0	39.4	39.4

3000	480.0	-700.0	4.0	0.0	39.7	39.7
3001	500.0	-700.0	4.0	0.0	39.9	39.9
3002	520.0	-700.0	4.0	0.0	40.1	40.1
3003	540.0	-700.0	4.0	0.0	40.4	40.4
3004	560.0	-700.0	4.0	0.0	40.6	40.6
3005	580.0	-700.0	4.0	0.0	40.8	40.8
3006	600.0	-700.0	4.0	0.0	41.0	41.0
3007	620.0	-700.0	4.0	0.0	41.2	41.2
3008	640.0	-700.0	4.0	0.0	41.3	41.3
3009	660.0	-700.0	4.0	0.0	41.5	41.5
3010	680.0	-700.0	4.0	0.0	41.6	41.6
3011	700.0	-700.0	4.0	0.0	41.7	41.7
3012	720.0	-700.0	4.0	0.0	41.8	41.8
3013	740.0	-700.0	4.0	0.0	41.9	41.9
3014	760.0	-700.0	4.0	0.0	41.9	41.9
3015	780.0	-700.0	4.0	0.0	42.0	42.0
3016	800.0	-700.0	4.0	0.0	42.0	42.0
3017	820.0	-700.0	4.0	0.0	42.0	42.0
3018	840.0	-700.0	4.0	0.0	42.0	41.9
3019	860.0	-700.0	4.0	0.0	42.1	41.9
3020	880.0	-700.0	4.0	0.0	42.9	42.0
3021	900.0	-700.0	4.0	0.0	42.9	41.9
3022	920.0	-700.0	4.0	0.0	44.1	42.0
3023	940.0	-700.0	4.0	0.0	43.7	41.8
3024	960.0	-700.0	4.0	0.0	43.6	41.6
3025	980.0	-700.0	4.0	0.0	43.4	41.5
3026	1000.0	-700.0	4.0	0.0	43.3	41.2
3027	1020.0	-700.0	4.0	0.0	43.1	41.0
3028	1040.0	-700.0	4.0	0.0	42.9	40.8
3029	1060.0	-700.0	4.0	0.0	42.7	40.6
3030	1080.0	-700.0	4.0	0.0	42.5	40.3
3031	1100.0	-700.0	4.0	0.0	42.2	40.1
3032	1120.0	-700.0	4.0	0.0	42.0	39.8
3033	1140.0	-700.0	4.0	0.0	41.7	39.5
3034	1160.0	-700.0	4.0	0.0	41.4	39.2
3035	1180.0	-700.0	4.0	0.0	41.1	39.0
3036	1200.0	-700.0	4.0	0.0	40.9	38.7
3037	1220.0	-700.0	4.0	0.0	40.6	38.4
3038	1240.0	-700.0	4.0	0.0	40.3	38.1
3039	1260.0	-700.0	4.0	0.0	40.0	37.9
3040	1280.0	-700.0	4.0	0.0	39.7	37.6
3041	1300.0	-700.0	4.0	0.0	39.4	37.3
3042	1320.0	-700.0	4.0	0.0	39.1	37.0
3043	1340.0	-700.0	4.0	0.0	38.8	36.7
3044	1360.0	-700.0	4.0	0.0	38.5	36.4
3045	1380.0	-700.0	4.0	0.0	38.3	36.2
3046	1400.0	-700.0	4.0	0.0	38.0	35.9
3047	1420.0	-700.0	4.0	0.0	37.7	35.7
3048	1440.0	-700.0	4.0	0.0	37.5	35.4
3049	1460.0	-700.0	4.0	0.0	37.2	35.2
3050	1480.0	-700.0	4.0	0.0	36.9	34.9
3051	1500.0	-700.0	4.0	0.0	36.7	34.7
3052	1520.0	-700.0	4.0	0.0	36.4	34.4
3053	1540.0	-700.0	4.0	0.0	36.2	34.2
3054	1560.0	-700.0	4.0	0.0	35.9	34.0
3055	1580.0	-700.0	4.0	0.0	35.7	33.7
3056	1600.0	-700.0	4.0	0.0	35.5	33.5
3057	1620.0	-700.0	4.0	0.0	35.2	33.3
3058	1640.0	-700.0	4.0	0.0	35.0	33.1
3059	1660.0	-700.0	4.0	0.0	34.8	32.9
3060	1680.0	-700.0	4.0	0.0	34.6	32.7
3061	0.0	-720.0	4.0	0.0	33.8	33.8
3062	20.0	-720.0	4.0	0.0	34.0	34.0
3063	40.0	-720.0	4.0	0.0	34.3	34.2
3064	60.0	-720.0	4.0	0.0	34.5	34.5
3065	80.0	-720.0	4.0	0.0	34.7	34.7
3066	100.0	-720.0	4.0	0.0	35.0	35.0
3067	120.0	-720.0	4.0	0.0	35.2	35.2
3068	140.0	-720.0	4.0	0.0	35.5	35.4
3069	160.0	-720.0	4.0	0.0	35.7	35.7
3070	180.0	-720.0	4.0	0.0	36.0	36.0
3071	200.0	-720.0	4.0	0.0	36.2	36.2
3072	220.0	-720.0	4.0	0.0	36.5	36.5
3073	240.0	-720.0	4.0	0.0	36.7	36.7
3074	260.0	-720.0	4.0	0.0	37.0	37.0
3075	280.0	-720.0	4.0	0.0	37.3	37.3
3076	300.0	-720.0	4.0	0.0	37.5	37.5
3077	320.0	-720.0	4.0	0.0	37.8	37.8
3078	340.0	-720.0	4.0	0.0	38.1	38.1
3079	360.0	-720.0	4.0	0.0	38.4	38.4
3080	380.0	-720.0	4.0	0.0	38.6	38.6
3081	400.0	-720.0	4.0	0.0	38.9	38.9
3082	420.0	-720.0	4.0	0.0	39.2	39.2
3083	440.0	-720.0	4.0	0.0	39.5	39.5
3084	460.0	-720.0	4.0	0.0	39.7	39.7

3085	480.0	-720.0	4.0	0.0	40.0	40.0
3086	500.0	-720.0	4.0	0.0	40.3	40.3
3087	520.0	-720.0	4.0	0.0	40.5	40.5
3088	540.0	-720.0	4.0	0.0	40.7	40.8
3089	560.0	-720.0	4.0	0.0	41.0	41.0
3090	580.0	-720.0	4.0	0.0	41.2	41.2
3091	600.0	-720.0	4.0	0.0	41.4	41.4
3092	620.0	-720.0	4.0	0.0	41.6	41.6
3093	640.0	-720.0	4.0	0.0	41.8	41.8
3094	660.0	-720.0	4.0	0.0	41.9	41.9
3095	680.0	-720.0	4.0	0.0	42.1	42.1
3096	700.0	-720.0	4.0	0.0	42.2	42.2
3097	720.0	-720.0	4.0	0.0	42.3	42.3
3098	740.0	-720.0	4.0	0.0	42.4	42.4
3099	760.0	-720.0	4.0	0.0	42.4	42.4
3100	780.0	-720.0	4.0	0.0	42.5	42.5
3101	800.0	-720.0	4.0	0.0	42.5	42.5
3102	820.0	-720.0	4.0	0.0	42.5	42.5
3103	840.0	-720.0	4.0	0.0	42.5	42.5
3104	860.0	-720.0	4.0	0.0	42.6	42.4
3105	880.0	-720.0	4.0	0.0	43.4	42.4
3106	900.0	-720.0	4.0	0.0	43.4	42.4
3107	920.0	-720.0	4.0	0.0	44.6	42.5
3108	940.0	-720.0	4.0	0.0	44.5	42.3
3109	960.0	-720.0	4.0	0.0	44.1	42.1
3110	980.0	-720.0	4.0	0.0	44.0	41.9
3111	1000.0	-720.0	4.0	0.0	43.8	41.7
3112	1020.0	-720.0	4.0	0.0	43.6	41.5
3113	1040.0	-720.0	4.0	0.0	43.4	41.2
3114	1060.0	-720.0	4.0	0.0	43.2	41.0
3115	1080.0	-720.0	4.0	0.0	42.9	40.7
3116	1100.0	-720.0	4.0	0.0	42.6	40.4
3117	1120.0	-720.0	4.0	0.0	42.4	40.1
3118	1140.0	-720.0	4.0	0.0	42.1	39.8
3119	1160.0	-720.0	4.0	0.0	41.8	39.5
3120	1180.0	-720.0	4.0	0.0	41.5	39.2
3121	1200.0	-720.0	4.0	0.0	41.2	38.9
3122	1220.0	-720.0	4.0	0.0	40.9	38.6
3123	1240.0	-720.0	4.0	0.0	40.5	38.3
3124	1260.0	-720.0	4.0	0.0	40.2	38.1
3125	1280.0	-720.0	4.0	0.0	39.9	37.7
3126	1300.0	-720.0	4.0	0.0	39.6	37.5
3127	1320.0	-720.0	4.0	0.0	39.3	37.2
3128	1340.0	-720.0	4.0	0.0	39.0	36.9
3129	1360.0	-720.0	4.0	0.0	38.7	36.6
3130	1380.0	-720.0	4.0	0.0	38.4	36.3
3131	1400.0	-720.0	4.0	0.0	38.2	36.1
3132	1420.0	-720.0	4.0	0.0	37.9	35.8
3133	1440.0	-720.0	4.0	0.0	37.6	35.5
3134	1460.0	-720.0	4.0	0.0	37.3	35.3
3135	1480.0	-720.0	4.0	0.0	37.1	35.0
3136	1500.0	-720.0	4.0	0.0	36.8	34.8
3137	1520.0	-720.0	4.0	0.0	36.5	34.5
3138	1540.0	-720.0	4.0	0.0	36.3	34.3
3139	1560.0	-720.0	4.0	0.0	36.0	34.1
3140	1580.0	-720.0	4.0	0.0	35.8	33.8
3141	1600.0	-720.0	4.0	0.0	35.6	33.6
3142	1620.0	-720.0	4.0	0.0	35.3	33.4
3143	1640.0	-720.0	4.0	0.0	35.1	33.2
3144	1660.0	-720.0	4.0	0.0	34.8	32.9
3145	1680.0	-720.0	4.0	0.0	34.6	32.7
3146	0.0	-740.0	4.0	0.0	33.9	33.9
3147	20.0	-740.0	4.0	0.0	34.1	34.1
3148	40.0	-740.0	4.0	0.0	34.4	34.4
3149	60.0	-740.0	4.0	0.0	34.6	34.6
3150	80.0	-740.0	4.0	0.0	34.9	34.8
3151	100.0	-740.0	4.0	0.0	35.1	35.1
3152	120.0	-740.0	4.0	0.0	35.3	35.3
3153	140.0	-740.0	4.0	0.0	35.6	35.6
3154	160.0	-740.0	4.0	0.0	35.9	35.9
3155	180.0	-740.0	4.0	0.0	36.1	36.1
3156	200.0	-740.0	4.0	0.0	36.4	36.4
3157	220.0	-740.0	4.0	0.0	36.7	36.7
3158	240.0	-740.0	4.0	0.0	36.9	36.9
3159	260.0	-740.0	4.0	0.0	37.2	37.2
3160	280.0	-740.0	4.0	0.0	37.5	37.5
3161	300.0	-740.0	4.0	0.0	37.8	37.8
3162	320.0	-740.0	4.0	0.0	38.0	38.0
3163	340.0	-740.0	4.0	0.0	38.3	38.3
3164	360.0	-740.0	4.0	0.0	38.6	38.6
3165	380.0	-740.0	4.0	0.0	38.9	38.9
3166	400.0	-740.0	4.0	0.0	39.2	39.2
3167	420.0	-740.0	4.0	0.0	39.5	39.5
3168	440.0	-740.0	4.0	0.0	39.8	39.8
3169	460.0	-740.0	4.0	0.0	40.1	40.1

3170	480.0	-740.0	4.0	0.0	40.3	40.4
3171	500.0	-740.0	4.0	0.0	40.6	40.6
3172	520.0	-740.0	4.0	0.0	40.9	40.9
3173	540.0	-740.0	4.0	0.0	41.1	41.2
3174	560.0	-740.0	4.0	0.0	41.4	41.4
3175	580.0	-740.0	4.0	0.0	41.6	41.6
3176	600.0	-740.0	4.0	0.0	41.9	41.9
3177	620.0	-740.0	4.0	0.0	42.1	42.1
3178	640.0	-740.0	4.0	0.0	42.2	42.3
3179	660.0	-740.0	4.0	0.0	42.4	42.4
3180	680.0	-740.0	4.0	0.0	42.6	42.6
3181	700.0	-740.0	4.0	0.0	42.7	42.7
3182	720.0	-740.0	4.0	0.0	42.8	42.8
3183	740.0	-740.0	4.0	0.0	42.9	42.9
3184	760.0	-740.0	4.0	0.0	43.0	43.0
3185	780.0	-740.0	4.0	0.0	43.0	43.0
3186	800.0	-740.0	4.0	0.0	43.1	43.0
3187	820.0	-740.0	4.0	0.0	43.1	43.0
3188	840.0	-740.0	4.0	0.0	43.0	43.0
3189	860.0	-740.0	4.0	0.0	43.1	42.9
3190	880.0	-740.0	4.0	0.0	43.2	42.9
3191	900.0	-740.0	4.0	0.0	44.0	42.9
3192	920.0	-740.0	4.0	0.0	45.2	43.0
3193	940.0	-740.0	4.0	0.0	45.1	42.9
3194	960.0	-740.0	4.0	0.0	44.7	42.6
3195	980.0	-740.0	4.0	0.0	44.5	42.4
3196	1000.0	-740.0	4.0	0.0	44.4	42.2
3197	1020.0	-740.0	4.0	0.0	44.1	41.9
3198	1040.0	-740.0	4.0	0.0	43.9	41.7
3199	1060.0	-740.0	4.0	0.0	43.6	41.4
3200	1080.0	-740.0	4.0	0.0	43.4	41.1
3201	1100.0	-740.0	4.0	0.0	43.1	40.8
3202	1120.0	-740.0	4.0	0.0	42.8	40.5
3203	1140.0	-740.0	4.0	0.0	42.5	40.2
3204	1160.0	-740.0	4.0	0.0	42.1	39.8
3205	1180.0	-740.0	4.0	0.0	41.8	39.5
3206	1200.0	-740.0	4.0	0.0	41.5	39.2
3207	1220.0	-740.0	4.0	0.0	41.1	38.9
3208	1240.0	-740.0	4.0	0.0	40.8	38.5
3209	1260.0	-740.0	4.0	0.0	40.5	38.3
3210	1280.0	-740.0	4.0	0.0	40.2	37.9
3211	1300.0	-740.0	4.0	0.0	39.9	37.6
3212	1320.0	-740.0	4.0	0.0	39.5	37.3
3213	1340.0	-740.0	4.0	0.0	39.2	37.0
3214	1360.0	-740.0	4.0	0.0	38.9	36.8
3215	1380.0	-740.0	4.0	0.0	38.6	36.5
3216	1400.0	-740.0	4.0	0.0	38.3	36.2
3217	1420.0	-740.0	4.0	0.0	38.0	35.9
3218	1440.0	-740.0	4.0	0.0	37.7	35.6
3219	1460.0	-740.0	4.0	0.0	37.5	35.4
3220	1480.0	-740.0	4.0	0.0	37.2	35.1
3221	1500.0	-740.0	4.0	0.0	36.9	34.9
3222	1520.0	-740.0	4.0	0.0	36.7	34.6
3223	1540.0	-740.0	4.0	0.0	36.4	34.4
3224	1560.0	-740.0	4.0	0.0	36.1	34.1
3225	1580.0	-740.0	4.0	0.0	35.9	33.9
3226	1600.0	-740.0	4.0	0.0	35.6	33.7
3227	1620.0	-740.0	4.0	0.0	35.4	33.4
3228	1640.0	-740.0	4.0	0.0	35.2	33.2
3229	1660.0	-740.0	4.0	0.0	34.9	33.0
3230	1680.0	-740.0	4.0	0.0	34.7	32.8
3231	0.0	-760.0	4.0	0.0	34.0	34.0
3232	20.0	-760.0	4.0	0.0	34.2	34.2
3233	40.0	-760.0	4.0	0.0	34.5	34.5
3234	60.0	-760.0	4.0	0.0	34.7	34.7
3235	80.0	-760.0	4.0	0.0	35.0	35.0
3236	100.0	-760.0	4.0	0.0	35.2	35.2
3237	120.0	-760.0	4.0	0.0	35.5	35.5
3238	140.0	-760.0	4.0	0.0	35.7	35.7
3239	160.0	-760.0	4.0	0.0	36.0	36.0
3240	180.0	-760.0	4.0	0.0	36.3	36.3
3241	200.0	-760.0	4.0	0.0	36.6	36.5
3242	220.0	-760.0	4.0	0.0	36.8	36.8
3243	240.0	-760.0	4.0	0.0	37.1	37.1
3244	260.0	-760.0	4.0	0.0	37.4	37.4
3245	280.0	-760.0	4.0	0.0	37.7	37.7
3246	300.0	-760.0	4.0	0.0	38.0	38.0
3247	320.0	-760.0	4.0	0.0	38.3	38.3
3248	340.0	-760.0	4.0	0.0	38.6	38.6
3249	360.0	-760.0	4.0	0.0	38.9	38.9
3250	380.0	-760.0	4.0	0.0	39.2	39.2
3251	400.0	-760.0	4.0	0.0	39.5	39.5
3252	420.0	-760.0	4.0	0.0	39.8	39.8
3253	440.0	-760.0	4.0	0.0	40.1	40.1
3254	460.0	-760.0	4.0	0.0	40.4	40.4

3255	480.0	-760.0	4.0	0.0	40.7	40.7
3256	500.0	-760.0	4.0	0.0	41.0	41.0
3257	520.0	-760.0	4.0	0.0	41.3	41.3
3258	540.0	-760.0	4.0	0.0	41.6	41.6
3259	560.0	-760.0	4.0	0.0	41.8	41.8
3260	580.0	-760.0	4.0	0.0	42.0	42.1
3261	600.0	-760.0	4.0	0.0	42.3	42.3
3262	620.0	-760.0	4.0	0.0	42.5	42.5
3263	640.0	-760.0	4.0	0.0	42.7	42.7
3264	660.0	-760.0	4.0	0.0	42.9	42.9
3265	680.0	-760.0	4.0	0.0	43.1	43.1
3266	700.0	-760.0	4.0	0.0	43.2	43.3
3267	720.0	-760.0	4.0	0.0	43.4	43.4
3268	740.0	-760.0	4.0	0.0	43.5	43.5
3269	760.0	-760.0	4.0	0.0	43.5	43.5
3270	780.0	-760.0	4.0	0.0	43.6	43.6
3271	800.0	-760.0	4.0	0.0	43.6	43.6
3272	820.0	-760.0	4.0	0.0	43.6	43.6
3273	840.0	-760.0	4.0	0.0	43.6	43.6
3274	860.0	-760.0	4.0	0.0	43.6	43.5
3275	880.0	-760.0	4.0	0.0	43.7	43.4
3276	900.0	-760.0	4.0	0.0	44.6	43.5
3277	920.0	-760.0	4.0	0.0	45.8	43.6
3278	940.0	-760.0	4.0	0.0	45.7	43.4
3279	960.0	-760.0	4.0	0.0	45.3	43.1
3280	980.0	-760.0	4.0	0.0	45.1	42.9
3281	1000.0	-760.0	4.0	0.0	44.9	42.7
3282	1020.0	-760.0	4.0	0.0	44.7	42.4
3283	1040.0	-760.0	4.0	0.0	44.4	42.1
3284	1060.0	-760.0	4.0	0.0	44.2	41.8
3285	1080.0	-760.0	4.0	0.0	43.8	41.5
3286	1100.0	-760.0	4.0	0.0	43.5	41.1
3287	1120.0	-760.0	4.0	0.0	43.2	40.8
3288	1140.0	-760.0	4.0	0.0	42.8	40.5
3289	1160.0	-760.0	4.0	0.0	42.5	40.1
3290	1180.0	-760.0	4.0	0.0	42.1	39.8
3291	1200.0	-760.0	4.0	0.0	41.8	39.4
3292	1220.0	-760.0	4.0	0.0	41.4	39.1
3293	1240.0	-760.0	4.0	0.0	41.1	38.8
3294	1260.0	-760.0	4.0	0.0	40.7	38.5
3295	1280.0	-760.0	4.0	0.0	40.4	38.1
3296	1300.0	-760.0	4.0	0.0	40.1	37.8
3297	1320.0	-760.0	4.0	0.0	39.7	37.5
3298	1340.0	-760.0	4.0	0.0	39.4	37.2
3299	1360.0	-760.0	4.0	0.0	39.1	36.9
3300	1380.0	-760.0	4.0	0.0	38.8	36.6
3301	1400.0	-760.0	4.0	0.0	38.5	36.3
3302	1420.0	-760.0	4.0	0.0	38.2	36.0
3303	1440.0	-760.0	4.0	0.0	37.9	35.8
3304	1460.0	-760.0	4.0	0.0	37.6	35.5
3305	1480.0	-760.0	4.0	0.0	37.3	35.2
3306	1500.0	-760.0	4.0	0.0	37.0	35.0
3307	1520.0	-760.0	4.0	0.0	36.8	34.7
3308	1540.0	-760.0	4.0	0.0	36.5	34.4
3309	1560.0	-760.0	4.0	0.0	36.2	34.2
3310	1580.0	-760.0	4.0	0.0	36.0	34.0
3311	1600.0	-760.0	4.0	0.0	35.7	33.7
3312	1620.0	-760.0	4.0	0.0	35.5	33.5
3313	1640.0	-760.0	4.0	0.0	35.2	33.3
3314	1660.0	-760.0	4.0	0.0	35.0	33.0
3315	1680.0	-760.0	4.0	0.0	34.8	32.8
3316	0.0	-780.0	4.0	0.0	34.1	34.1
3317	20.0	-780.0	4.0	0.0	34.3	34.3
3318	40.0	-780.0	4.0	0.0	34.6	34.6
3319	60.0	-780.0	4.0	0.0	34.8	34.8
3320	80.0	-780.0	4.0	0.0	35.1	35.1
3321	100.0	-780.0	4.0	0.0	35.3	35.3
3322	120.0	-780.0	4.0	0.0	35.6	35.6
3323	140.0	-780.0	4.0	0.0	35.9	35.9
3324	160.0	-780.0	4.0	0.0	36.1	36.1
3325	180.0	-780.0	4.0	0.0	36.4	36.4
3326	200.0	-780.0	4.0	0.0	36.7	36.7
3327	220.0	-780.0	4.0	0.0	37.0	37.0
3328	240.0	-780.0	4.0	0.0	37.3	37.3
3329	260.0	-780.0	4.0	0.0	37.6	37.6
3330	280.0	-780.0	4.0	0.0	37.9	37.9
3331	300.0	-780.0	4.0	0.0	38.2	38.2
3332	320.0	-780.0	4.0	0.0	38.5	38.5
3333	340.0	-780.0	4.0	0.0	38.8	38.8
3334	360.0	-780.0	4.0	0.0	39.1	39.1
3335	380.0	-780.0	4.0	0.0	39.4	39.5
3336	400.0	-780.0	4.0	0.0	39.8	39.8
3337	420.0	-780.0	4.0	0.0	40.1	40.1
3338	440.0	-780.0	4.0	0.0	40.4	40.4
3339	460.0	-780.0	4.0	0.0	40.7	40.7

3340	480.0	-780.0	4.0	0.0	41.0	41.0
3341	500.0	-780.0	4.0	0.0	41.3	41.3
3342	520.0	-780.0	4.0	0.0	41.6	41.6
3343	540.0	-780.0	4.0	0.0	41.9	41.9
3344	560.0	-780.0	4.0	0.0	42.2	42.2
3345	580.0	-780.0	4.0	0.0	42.5	42.5
3346	600.0	-780.0	4.0	0.0	42.8	42.8
3347	620.0	-780.0	4.0	0.0	43.0	43.0
3348	640.0	-780.0	4.0	0.0	43.3	43.3
3349	660.0	-780.0	4.0	0.0	43.5	43.5
3350	680.0	-780.0	4.0	0.0	43.6	43.6
3351	700.0	-780.0	4.0	0.0	43.8	43.8
3352	720.0	-780.0	4.0	0.0	43.9	43.9
3353	740.0	-780.0	4.0	0.0	44.1	44.1
3354	760.0	-780.0	4.0	0.0	44.1	44.1
3355	780.0	-780.0	4.0	0.0	44.2	44.2
3356	800.0	-780.0	4.0	0.0	44.2	44.2
3357	820.0	-780.0	4.0	0.0	44.2	44.2
3358	840.0	-780.0	4.0	0.0	44.2	44.2
3359	860.0	-780.0	4.0	0.0	44.1	44.1
3360	880.0	-780.0	4.0	0.0	44.2	44.0
3361	900.0	-780.0	4.0	0.0	45.1	44.0
3362	920.0	-780.0	4.0	0.0	45.6	44.0
3363	940.0	-780.0	4.0	0.0	46.4	44.0
3364	960.0	-780.0	4.0	0.0	45.9	43.7
3365	980.0	-780.0	4.0	0.0	45.7	43.5
3366	1000.0	-780.0	4.0	0.0	45.5	43.2
3367	1020.0	-780.0	4.0	0.0	45.2	42.8
3368	1040.0	-780.0	4.0	0.0	44.9	42.5
3369	1060.0	-780.0	4.0	0.0	44.7	42.2
3370	1080.0	-780.0	4.0	0.0	44.3	41.9
3371	1100.0	-780.0	4.0	0.0	44.0	41.5
3372	1120.0	-780.0	4.0	0.0	43.6	41.1
3373	1140.0	-780.0	4.0	0.0	43.2	40.8
3374	1160.0	-780.0	4.0	0.0	42.8	40.4
3375	1180.0	-780.0	4.0	0.0	42.5	40.0
3376	1200.0	-780.0	4.0	0.0	42.1	39.7
3377	1220.0	-780.0	4.0	0.0	41.7	39.3
3378	1240.0	-780.0	4.0	0.0	41.3	39.0
3379	1260.0	-780.0	4.0	0.0	41.0	38.6
3380	1280.0	-780.0	4.0	0.0	40.6	38.3
3381	1300.0	-780.0	4.0	0.0	40.3	38.0
3382	1320.0	-780.0	4.0	0.0	39.9	37.7
3383	1340.0	-780.0	4.0	0.0	39.6	37.4
3384	1360.0	-780.0	4.0	0.0	39.3	37.0
3385	1380.0	-780.0	4.0	0.0	38.9	36.7
3386	1400.0	-780.0	4.0	0.0	38.6	36.4
3387	1420.0	-780.0	4.0	0.0	38.3	36.1
3388	1440.0	-780.0	4.0	0.0	38.0	35.8
3389	1460.0	-780.0	4.0	0.0	37.7	35.6
3390	1480.0	-780.0	4.0	0.0	37.4	35.3
3391	1500.0	-780.0	4.0	0.0	37.1	35.1
3392	1520.0	-780.0	4.0	0.0	36.9	34.8
3393	1540.0	-780.0	4.0	0.0	36.6	34.5
3394	1560.0	-780.0	4.0	0.0	36.3	34.3
3395	1580.0	-780.0	4.0	0.0	36.0	34.0
3396	1600.0	-780.0	4.0	0.0	35.8	33.8
3397	1620.0	-780.0	4.0	0.0	35.6	33.6
3398	1640.0	-780.0	4.0	0.0	35.3	33.3
3399	1660.0	-780.0	4.0	0.0	35.1	33.1
3400	1680.0	-780.0	4.0	0.0	34.8	32.9
3401	0.0	-800.0	4.0	0.0	34.2	34.2
3402	20.0	-800.0	4.0	0.0	34.4	34.4
3403	40.0	-800.0	4.0	0.0	34.7	34.7
3404	60.0	-800.0	4.0	0.0	34.9	34.9
3405	80.0	-800.0	4.0	0.0	35.2	35.2
3406	100.0	-800.0	4.0	0.0	35.5	35.4
3407	120.0	-800.0	4.0	0.0	35.7	35.7
3408	140.0	-800.0	4.0	0.0	36.0	36.0
3409	160.0	-800.0	4.0	0.0	36.3	36.3
3410	180.0	-800.0	4.0	0.0	36.6	36.6
3411	200.0	-800.0	4.0	0.0	36.9	36.9
3412	220.0	-800.0	4.0	0.0	37.2	37.2
3413	240.0	-800.0	4.0	0.0	37.4	37.4
3414	260.0	-800.0	4.0	0.0	37.7	37.7
3415	280.0	-800.0	4.0	0.0	38.1	38.1
3416	300.0	-800.0	4.0	0.0	38.4	38.4
3417	320.0	-800.0	4.0	0.0	38.7	38.7
3418	340.0	-800.0	4.0	0.0	39.0	39.0
3419	360.0	-800.0	4.0	0.0	39.4	39.4
3420	380.0	-800.0	4.0	0.0	39.7	39.7
3421	400.0	-800.0	4.0	0.0	40.0	40.0
3422	420.0	-800.0	4.0	0.0	40.4	40.4
3423	440.0	-800.0	4.0	0.0	40.7	40.7
3424	460.0	-800.0	4.0	0.0	41.0	41.0

3425	480.0	-800.0	4.0	0.0	41.4	41.4
3426	500.0	-800.0	4.0	0.0	41.7	41.7
3427	520.0	-800.0	4.0	0.0	42.0	42.0
3428	540.0	-800.0	4.0	0.0	42.4	42.4
3429	560.0	-800.0	4.0	0.0	42.7	42.7
3430	580.0	-800.0	4.0	0.0	43.0	43.0
3431	600.0	-800.0	4.0	0.0	43.3	43.3
3432	620.0	-800.0	4.0	0.0	43.5	43.6
3433	640.0	-800.0	4.0	0.0	43.8	43.8
3434	660.0	-800.0	4.0	0.0	44.0	44.0
3435	680.0	-800.0	4.0	0.0	44.2	44.2
3436	700.0	-800.0	4.0	0.0	44.4	44.4
3437	720.0	-800.0	4.0	0.0	44.5	44.6
3438	740.0	-800.0	4.0	0.0	44.7	44.7
3439	760.0	-800.0	4.0	0.0	44.8	44.8
3440	780.0	-800.0	4.0	0.0	44.8	44.8
3441	800.0	-800.0	4.0	0.0	44.8	44.8
3442	820.0	-800.0	4.0	0.0	44.8	44.8
3443	840.0	-800.0	4.0	0.0	44.8	44.8
3444	860.0	-800.0	4.0	0.0	44.7	44.7
3445	880.0	-800.0	4.0	0.0	44.7	44.6
3446	900.0	-800.0	4.0	0.0	44.9	44.5
3447	920.0	-800.0	4.0	0.0	45.7	44.4
3448	940.0	-800.0	4.0	0.0	47.0	44.5
3449	960.0	-800.0	4.0	0.0	46.6	44.2
3450	980.0	-800.0	4.0	0.0	46.4	44.0
3451	1000.0	-800.0	4.0	0.0	46.2	43.7
3452	1020.0	-800.0	4.0	0.0	45.8	43.3
3453	1040.0	-800.0	4.0	0.0	45.5	43.0
3454	1060.0	-800.0	4.0	0.0	45.2	42.7
3455	1080.0	-800.0	4.0	0.0	44.8	42.3
3456	1100.0	-800.0	4.0	0.0	44.4	41.9
3457	1120.0	-800.0	4.0	0.0	44.0	41.5
3458	1140.0	-800.0	4.0	0.0	43.6	41.1
3459	1160.0	-800.0	4.0	0.0	43.2	40.7
3460	1180.0	-800.0	4.0	0.0	42.8	40.3
3461	1200.0	-800.0	4.0	0.0	42.4	39.9
3462	1220.0	-800.0	4.0	0.0	42.0	39.6
3463	1240.0	-800.0	4.0	0.0	41.6	39.2
3464	1260.0	-800.0	4.0	0.0	41.2	38.8
3465	1280.0	-800.0	4.0	0.0	40.8	38.5
3466	1300.0	-800.0	4.0	0.0	40.5	38.2
3467	1320.0	-800.0	4.0	0.0	40.1	37.8
3468	1340.0	-800.0	4.0	0.0	39.7	37.5
3469	1360.0	-800.0	4.0	0.0	39.4	37.1
3470	1380.0	-800.0	4.0	0.0	39.1	36.8
3471	1400.0	-800.0	4.0	0.0	38.7	36.5
3472	1420.0	-800.0	4.0	0.0	38.4	36.2
3473	1440.0	-800.0	4.0	0.0	38.1	35.9
3474	1460.0	-800.0	4.0	0.0	37.8	35.7
3475	1480.0	-800.0	4.0	0.0	37.5	35.4
3476	1500.0	-800.0	4.0	0.0	37.2	35.1
3477	1520.0	-800.0	4.0	0.0	36.9	34.9
3478	1540.0	-800.0	4.0	0.0	36.7	34.6
3479	1560.0	-800.0	4.0	0.0	36.4	34.3
3480	1580.0	-800.0	4.0	0.0	36.1	34.1
3481	1600.0	-800.0	4.0	0.0	35.9	33.8
3482	1620.0	-800.0	4.0	0.0	35.6	33.6
3483	1640.0	-800.0	4.0	0.0	35.4	33.4
3484	1660.0	-800.0	4.0	0.0	35.1	33.2
3485	1680.0	-800.0	4.0	0.0	34.9	32.9
3486	0.0	-820.0	4.0	0.0	34.3	34.3
3487	20.0	-820.0	4.0	0.0	34.5	34.5
3488	40.0	-820.0	4.0	0.0	34.8	34.8
3489	60.0	-820.0	4.0	0.0	35.0	35.0
3490	80.0	-820.0	4.0	0.0	35.3	35.3
3491	100.0	-820.0	4.0	0.0	35.6	35.5
3492	120.0	-820.0	4.0	0.0	35.8	35.8
3493	140.0	-820.0	4.0	0.0	36.1	36.1
3494	160.0	-820.0	4.0	0.0	36.4	36.4
3495	180.0	-820.0	4.0	0.0	36.7	36.7
3496	200.0	-820.0	4.0	0.0	37.0	37.0
3497	220.0	-820.0	4.0	0.0	37.3	37.3
3498	240.0	-820.0	4.0	0.0	37.6	37.6
3499	260.0	-820.0	4.0	0.0	37.9	37.9
3500	280.0	-820.0	4.0	0.0	38.2	38.2
3501	300.0	-820.0	4.0	0.0	38.6	38.6
3502	320.0	-820.0	4.0	0.0	38.9	38.9
3503	340.0	-820.0	4.0	0.0	39.3	39.3
3504	360.0	-820.0	4.0	0.0	39.6	39.6
3505	380.0	-820.0	4.0	0.0	39.9	39.9
3506	400.0	-820.0	4.0	0.0	40.3	40.3
3507	420.0	-820.0	4.0	0.0	40.6	40.7
3508	440.0	-820.0	4.0	0.0	41.0	41.0
3509	460.0	-820.0	4.0	0.0	41.4	41.4

3510	480.0	-820.0	4.0	0.0	41.7	41.7
3511	500.0	-820.0	4.0	0.0	42.1	42.1
3512	520.0	-820.0	4.0	0.0	42.4	42.5
3513	540.0	-820.0	4.0	0.0	42.8	42.8
3514	560.0	-820.0	4.0	0.0	43.1	43.2
3515	580.0	-820.0	4.0	0.0	43.5	43.5
3516	600.0	-820.0	4.0	0.0	43.8	43.8
3517	620.0	-820.0	4.0	0.0	44.1	44.1
3518	640.0	-820.0	4.0	0.0	44.4	44.4
3519	660.0	-820.0	4.0	0.0	44.6	44.6
3520	680.0	-820.0	4.0	0.0	44.8	44.8
3521	700.0	-820.0	4.0	0.0	45.0	45.0
3522	720.0	-820.0	4.0	0.0	45.2	45.2
3523	740.0	-820.0	4.0	0.0	45.3	45.3
3524	760.0	-820.0	4.0	0.0	45.4	45.4
3525	780.0	-820.0	4.0	0.0	45.4	45.4
3526	800.0	-820.0	4.0	0.0	45.5	45.5
3527	820.0	-820.0	4.0	0.0	45.4	45.4
3528	840.0	-820.0	4.0	0.0	45.3	45.3
3529	860.0	-820.0	4.0	0.0	45.2	45.2
3530	880.0	-820.0	4.0	0.0	45.2	45.1
3531	900.0	-820.0	4.0	0.0	45.3	45.0
3532	920.0	-820.0	4.0	0.0	46.4	45.0
3533	940.0	-820.0	4.0	0.0	47.7	45.1
3534	960.0	-820.0	4.0	0.0	47.3	44.8
3535	980.0	-820.0	4.0	0.0	47.1	44.5
3536	1000.0	-820.0	4.0	0.0	46.8	44.2
3537	1020.0	-820.0	4.0	0.0	46.5	43.8
3538	1040.0	-820.0	4.0	0.0	46.1	43.4
3539	1060.0	-820.0	4.0	0.0	45.8	43.1
3540	1080.0	-820.0	4.0	0.0	45.4	42.7
3541	1100.0	-820.0	4.0	0.0	44.9	42.2
3542	1120.0	-820.0	4.0	0.0	44.5	41.8
3543	1140.0	-820.0	4.0	0.0	44.0	41.4
3544	1160.0	-820.0	4.0	0.0	43.6	41.0
3545	1180.0	-820.0	4.0	0.0	43.1	40.6
3546	1200.0	-820.0	4.0	0.0	42.7	40.2
3547	1220.0	-820.0	4.0	0.0	42.3	39.8
3548	1240.0	-820.0	4.0	0.0	41.8	39.4
3549	1260.0	-820.0	4.0	0.0	41.4	39.0
3550	1280.0	-820.0	4.0	0.0	41.0	38.6
3551	1300.0	-820.0	4.0	0.0	40.7	38.3
3552	1320.0	-820.0	4.0	0.0	40.3	37.9
3553	1340.0	-820.0	4.0	0.0	39.9	37.6
3554	1360.0	-820.0	4.0	0.0	39.6	37.3
3555	1380.0	-820.0	4.0	0.0	39.2	37.0
3556	1400.0	-820.0	4.0	0.0	38.9	36.6
3557	1420.0	-820.0	4.0	0.0	38.5	36.3
3558	1440.0	-820.0	4.0	0.0	38.2	36.0
3559	1460.0	-820.0	4.0	0.0	37.9	35.7
3560	1480.0	-820.0	4.0	0.0	37.6	35.5
3561	1500.0	-820.0	4.0	0.0	37.3	35.2
3562	1520.0	-820.0	4.0	0.0	37.0	34.9
3563	1540.0	-820.0	4.0	0.0	36.8	34.7
3564	1560.0	-820.0	4.0	0.0	36.5	34.4
3565	1580.0	-820.0	4.0	0.0	36.2	34.2
3566	1600.0	-820.0	4.0	0.0	36.0	33.9
3567	1620.0	-820.0	4.0	0.0	35.7	33.7
3568	1640.0	-820.0	4.0	0.0	35.5	33.5
3569	1660.0	-820.0	4.0	0.0	35.2	33.2
3570	1680.0	-820.0	4.0	0.0	35.0	33.0
3571	0.0	-840.0	4.0	0.0	34.6	34.6
3572	20.0	-840.0	4.0	0.0	34.8	34.8
3573	40.0	-840.0	4.0	0.0	34.9	34.8
3574	60.0	-840.0	4.0	0.0	35.1	35.1
3575	80.0	-840.0	4.0	0.0	35.4	35.4
3576	100.0	-840.0	4.0	0.0	35.7	35.7
3577	120.0	-840.0	4.0	0.0	35.9	35.9
3578	140.0	-840.0	4.0	0.0	36.2	36.2
3579	160.0	-840.0	4.0	0.0	36.5	36.5
3580	180.0	-840.0	4.0	0.0	36.8	36.8
3581	200.0	-840.0	4.0	0.0	37.1	37.1
3582	220.0	-840.0	4.0	0.0	37.4	37.4
3583	240.0	-840.0	4.0	0.0	37.8	37.8
3584	260.0	-840.0	4.0	0.0	38.1	38.1
3585	280.0	-840.0	4.0	0.0	38.4	38.4
3586	300.0	-840.0	4.0	0.0	38.8	38.8
3587	320.0	-840.0	4.0	0.0	39.1	39.1
3588	340.0	-840.0	4.0	0.0	39.5	39.5
3589	360.0	-840.0	4.0	0.0	39.8	39.9
3590	380.0	-840.0	4.0	0.0	40.2	40.2
3591	400.0	-840.0	4.0	0.0	40.6	40.6
3592	420.0	-840.0	4.0	0.0	40.9	40.9
3593	440.0	-840.0	4.0	0.0	41.3	41.3
3594	460.0	-840.0	4.0	0.0	41.7	41.7

3595	480.0	-840.0	4.0	0.0	42.1	42.1
3596	500.0	-840.0	4.0	0.0	42.5	42.5
3597	520.0	-840.0	4.0	0.0	42.9	42.9
3598	540.0	-840.0	4.0	0.0	43.3	43.3
3599	560.0	-840.0	4.0	0.0	43.6	43.6
3600	580.0	-840.0	4.0	0.0	44.0	44.0
3601	600.0	-840.0	4.0	0.0	44.3	44.3
3602	620.0	-840.0	4.0	0.0	44.6	44.6
3603	640.0	-840.0	4.0	0.0	44.9	44.9
3604	660.0	-840.0	4.0	0.0	45.2	45.2
3605	680.0	-840.0	4.0	0.0	45.4	45.4
3606	700.0	-840.0	4.0	0.0	45.6	45.6
3607	720.0	-840.0	4.0	0.0	45.8	45.8
3608	740.0	-840.0	4.0	0.0	45.9	45.9
3609	760.0	-840.0	4.0	0.0	45.9	45.9
3610	780.0	-840.0	4.0	0.0	45.9	46.0
3611	800.0	-840.0	4.0	0.0	46.0	46.0
3612	820.0	-840.0	4.0	0.0	45.9	45.9
3613	840.0	-840.0	4.0	0.0	45.9	45.9
3614	860.0	-840.0	4.0	0.0	45.8	45.8
3615	880.0	-840.0	4.0	0.0	45.7	45.6
3616	900.0	-840.0	4.0	0.0	45.6	45.5
3617	920.0	-840.0	4.0	0.0	47.0	45.5
3618	940.0	-840.0	4.0	0.0	48.5	45.6
3619	960.0	-840.0	4.0	0.0	48.1	45.3
3620	980.0	-840.0	4.0	0.0	47.9	45.0
3621	1000.0	-840.0	4.0	0.0	47.5	44.7
3622	1020.0	-840.0	4.0	0.0	47.2	44.3
3623	1040.0	-840.0	4.0	0.0	46.8	43.8
3624	1060.0	-840.0	4.0	0.0	46.3	43.4
3625	1080.0	-840.0	4.0	0.0	45.9	43.0
3626	1100.0	-840.0	4.0	0.0	45.4	42.6
3627	1120.0	-840.0	4.0	0.0	44.9	42.1
3628	1140.0	-840.0	4.0	0.0	44.4	41.7
3629	1160.0	-840.0	4.0	0.0	43.9	41.2
3630	1180.0	-840.0	4.0	0.0	43.4	40.8
3631	1200.0	-840.0	4.0	0.0	43.0	40.4
3632	1220.0	-840.0	4.0	0.0	42.5	40.0
3633	1240.0	-840.0	4.0	0.0	42.1	39.5
3634	1260.0	-840.0	4.0	0.0	41.6	39.2
3635	1280.0	-840.0	4.0	0.0	41.2	38.8
3636	1300.0	-840.0	4.0	0.0	40.8	38.4
3637	1320.0	-840.0	4.0	0.0	40.4	38.1
3638	1340.0	-840.0	4.0	0.0	40.1	37.7
3639	1360.0	-840.0	4.0	0.0	39.7	37.4
3640	1380.0	-840.0	4.0	0.0	39.3	37.1
3641	1400.0	-840.0	4.0	0.0	39.0	36.7
3642	1420.0	-840.0	4.0	0.0	38.7	36.4
3643	1440.0	-840.0	4.0	0.0	38.3	36.1
3644	1460.0	-840.0	4.0	0.0	38.0	35.8
3645	1480.0	-840.0	4.0	0.0	37.7	35.6
3646	1500.0	-840.0	4.0	0.0	37.4	35.3
3647	1520.0	-840.0	4.0	0.0	37.1	35.0
3648	1540.0	-840.0	4.0	0.0	36.8	34.7
3649	1560.0	-840.0	4.0	0.0	36.6	34.5
3650	1580.0	-840.0	4.0	0.0	36.3	34.2
3651	1600.0	-840.0	4.0	0.0	36.0	34.0
3652	1620.0	-840.0	4.0	0.0	35.8	33.8
3653	1640.0	-840.0	4.0	0.0	35.5	33.6
3654	1660.0	-840.0	4.0	0.0	35.3	33.3
3655	1680.0	-840.0	4.0	0.0	35.1	33.1
3656	0.0	-860.0	4.0	0.0	35.1	35.1
3657	20.0	-860.0	4.0	0.0	35.4	35.4
3658	40.0	-860.0	4.0	0.0	35.3	35.3
3659	60.0	-860.0	4.0	0.0	35.6	35.6
3660	80.0	-860.0	4.0	0.0	35.7	35.7
3661	100.0	-860.0	4.0	0.0	36.0	36.0
3662	120.0	-860.0	4.0	0.0	36.0	36.0
3663	140.0	-860.0	4.0	0.0	36.3	36.3
3664	160.0	-860.0	4.0	0.0	36.6	36.6
3665	180.0	-860.0	4.0	0.0	36.9	36.9
3666	200.0	-860.0	4.0	0.0	37.3	37.3
3667	220.0	-860.0	4.0	0.0	37.6	37.6
3668	240.0	-860.0	4.0	0.0	37.9	37.9
3669	260.0	-860.0	4.0	0.0	38.2	38.2
3670	280.0	-860.0	4.0	0.0	38.6	38.6
3671	300.0	-860.0	4.0	0.0	38.9	39.0
3672	320.0	-860.0	4.0	0.0	39.3	39.3
3673	340.0	-860.0	4.0	0.0	39.7	39.7
3674	360.0	-860.0	4.0	0.0	40.1	40.1
3675	380.0	-860.0	4.0	0.0	40.4	40.5
3676	400.0	-860.0	4.0	0.0	40.8	40.9
3677	420.0	-860.0	4.0	0.0	41.2	41.2
3678	440.0	-860.0	4.0	0.0	41.6	41.7
3679	460.0	-860.0	4.0	0.0	42.1	42.1

3680	480.0	-860.0	4.0	0.0	42.5	42.5
3681	500.0	-860.0	4.0	0.0	42.9	42.9
3682	520.0	-860.0	4.0	0.0	43.3	43.3
3683	540.0	-860.0	4.0	0.0	43.7	43.7
3684	560.0	-860.0	4.0	0.0	44.1	44.1
3685	580.0	-860.0	4.0	0.0	44.5	44.5
3686	600.0	-860.0	4.0	0.0	44.9	44.9
3687	620.0	-860.0	4.0	0.0	45.2	45.2
3688	640.0	-860.0	4.0	0.0	45.5	45.5
3689	660.0	-860.0	4.0	0.0	45.7	45.7
3690	680.0	-860.0	4.0	0.0	45.9	45.9
3691	700.0	-860.0	4.0	0.0	46.1	46.1
3692	720.0	-860.0	4.0	0.0	46.3	46.3
3693	740.0	-860.0	4.0	0.0	46.4	46.4
3694	760.0	-860.0	4.0	0.0	46.5	46.5
3695	780.0	-860.0	4.0	0.0	46.5	46.5
3696	800.0	-860.0	4.0	0.0	46.5	46.5
3697	820.0	-860.0	4.0	0.0	46.4	46.4
3698	840.0	-860.0	4.0	0.0	46.3	46.3
3699	860.0	-860.0	4.0	0.0	46.2	46.2
3700	880.0	-860.0	4.0	0.0	46.0	46.0
3701	900.0	-860.0	4.0	0.0	45.8	45.8
3702	920.0	-860.0	4.0	0.0	46.3	45.6
3703	940.0	-860.0	4.0	0.0	49.2	46.1
3704	960.0	-860.0	4.0	0.0	48.9	45.8
3705	980.0	-860.0	4.0	0.0	48.7	45.5
3706	1000.0	-860.0	4.0	0.0	48.3	45.1
3707	1020.0	-860.0	4.0	0.0	47.9	44.6
3708	1040.0	-860.0	4.0	0.0	47.4	44.1
3709	1060.0	-860.0	4.0	0.0	46.9	43.7
3710	1080.0	-860.0	4.0	0.0	46.5	43.4
3711	1100.0	-860.0	4.0	0.0	45.9	42.9
3712	1120.0	-860.0	4.0	0.0	45.4	42.4
3713	1140.0	-860.0	4.0	0.0	44.8	42.0
3714	1160.0	-860.0	4.0	0.0	44.3	41.5
3715	1180.0	-860.0	4.0	0.0	43.8	41.0
3716	1200.0	-860.0	4.0	0.0	43.3	40.6
3717	1220.0	-860.0	4.0	0.0	42.8	40.1
3718	1240.0	-860.0	4.0	0.0	42.3	39.7
3719	1260.0	-860.0	4.0	0.0	41.8	39.3
3720	1280.0	-860.0	4.0	0.0	41.4	38.9
3721	1300.0	-860.0	4.0	0.0	41.0	38.6
3722	1320.0	-860.0	4.0	0.0	40.6	38.2
3723	1340.0	-860.0	4.0	0.0	40.2	37.8
3724	1360.0	-860.0	4.0	0.0	39.8	37.5
3725	1380.0	-860.0	4.0	0.0	39.5	37.2
3726	1400.0	-860.0	4.0	0.0	39.1	36.8
3727	1420.0	-860.0	4.0	0.0	38.8	36.5
3728	1440.0	-860.0	4.0	0.0	38.4	36.2
3729	1460.0	-860.0	4.0	0.0	38.1	35.9
3730	1480.0	-860.0	4.0	0.0	37.8	35.6
3731	1500.0	-860.0	4.0	0.0	37.5	35.4
3732	1520.0	-860.0	4.0	0.0	37.2	35.1
3733	1540.0	-860.0	4.0	0.0	36.9	34.8
3734	1560.0	-860.0	4.0	0.0	36.7	34.6
3735	1580.0	-860.0	4.0	0.0	36.4	34.3
3736	1600.0	-860.0	4.0	0.0	36.1	34.1
3737	1620.0	-860.0	4.0	0.0	35.9	33.9
3738	1640.0	-860.0	4.0	0.0	35.6	33.6
3739	1660.0	-860.0	4.0	0.0	35.4	33.4
3740	1680.0	-860.0	4.0	0.0	35.2	33.3
3741	0.0	-880.0	4.0	0.0	35.3	35.2
3742	20.0	-880.0	4.0	0.0	35.6	35.6
3743	40.0	-880.0	4.0	0.0	35.7	35.7
3744	60.0	-880.0	4.0	0.0	36.0	36.0
3745	80.0	-880.0	4.0	0.0	36.4	36.4
3746	100.0	-880.0	4.0	0.0	36.5	36.5
3747	120.0	-880.0	4.0	0.0	36.9	36.8
3748	140.0	-880.0	4.0	0.0	36.8	36.8
3749	160.0	-880.0	4.0	0.0	37.1	37.1
3750	180.0	-880.0	4.0	0.0	37.3	37.3
3751	200.0	-880.0	4.0	0.0	37.6	37.6
3752	220.0	-880.0	4.0	0.0	37.7	37.7
3753	240.0	-880.0	4.0	0.0	38.1	38.1
3754	260.0	-880.0	4.0	0.0	38.4	38.4
3755	280.0	-880.0	4.0	0.0	38.7	38.7
3756	300.0	-880.0	4.0	0.0	39.1	39.1
3757	320.0	-880.0	4.0	0.0	39.5	39.5
3758	340.0	-880.0	4.0	0.0	39.9	39.9
3759	360.0	-880.0	4.0	0.0	40.3	40.3
3760	380.0	-880.0	4.0	0.0	40.7	40.7
3761	400.0	-880.0	4.0	0.0	41.1	41.1
3762	420.0	-880.0	4.0	0.0	41.5	41.6
3763	440.0	-880.0	4.0	0.0	42.0	42.0
3764	460.0	-880.0	4.0	0.0	42.4	42.4

3765	480.0	-880.0	4.0	0.0	42.8	42.8
3766	500.0	-880.0	4.0	0.0	43.3	43.3
3767	520.0	-880.0	4.0	0.0	43.7	43.7
3768	540.0	-880.0	4.0	0.0	44.1	44.2
3769	560.0	-880.0	4.0	0.0	44.6	44.6
3770	580.0	-880.0	4.0	0.0	44.9	44.9
3771	600.0	-880.0	4.0	0.0	45.3	45.3
3772	620.0	-880.0	4.0	0.0	45.6	45.6
3773	640.0	-880.0	4.0	0.0	45.9	45.9
3774	660.0	-880.0	4.0	0.0	46.2	46.2
3775	680.0	-880.0	4.0	0.0	46.5	46.5
3776	700.0	-880.0	4.0	0.0	46.6	46.7
3777	720.0	-880.0	4.0	0.0	46.8	46.8
3778	740.0	-880.0	4.0	0.0	46.9	46.9
3779	760.0	-880.0	4.0	0.0	46.9	46.9
3780	780.0	-880.0	4.0	0.0	46.8	46.9
3781	800.0	-880.0	4.0	0.0	46.8	46.8
3782	820.0	-880.0	4.0	0.0	46.6	46.7
3783	840.0	-880.0	4.0	0.0	46.5	46.5
3784	860.0	-880.0	4.0	0.0	46.3	46.4
3785	880.0	-880.0	4.0	0.0	46.2	46.2
3786	900.0	-880.0	4.0	0.0	46.0	46.0
3787	920.0	-880.0	4.0	0.0	46.2	45.8
3788	940.0	-880.0	4.0	0.0	50.1	46.5
3789	960.0	-880.0	4.0	0.0	50.1	46.3
3790	980.0	-880.0	4.0	0.0	49.5	45.7
3791	1000.0	-880.0	4.0	0.0	49.2	45.4
3792	1020.0	-880.0	4.0	0.0	48.6	44.8
3793	1040.0	-880.0	4.0	0.0	48.1	44.4
3794	1060.0	-880.0	4.0	0.0	47.6	44.1
3795	1080.0	-880.0	4.0	0.0	47.0	43.7
3796	1100.0	-880.0	4.0	0.0	46.4	43.2
3797	1120.0	-880.0	4.0	0.0	45.8	42.7
3798	1140.0	-880.0	4.0	0.0	45.2	42.2
3799	1160.0	-880.0	4.0	0.0	44.6	41.7
3800	1180.0	-880.0	4.0	0.0	44.1	41.2
3801	1200.0	-880.0	4.0	0.0	43.5	40.8
3802	1220.0	-880.0	4.0	0.0	43.0	40.3
3803	1240.0	-880.0	4.0	0.0	42.5	39.9
3804	1260.0	-880.0	4.0	0.0	42.0	39.5
3805	1280.0	-880.0	4.0	0.0	41.6	39.1
3806	1300.0	-880.0	4.0	0.0	41.2	38.7
3807	1320.0	-880.0	4.0	0.0	40.7	38.3
3808	1340.0	-880.0	4.0	0.0	40.3	38.0
3809	1360.0	-880.0	4.0	0.0	40.0	37.6
3810	1380.0	-880.0	4.0	0.0	39.6	37.3
3811	1400.0	-880.0	4.0	0.0	39.2	36.9
3812	1420.0	-880.0	4.0	0.0	38.9	36.6
3813	1440.0	-880.0	4.0	0.0	38.5	36.3
3814	1460.0	-880.0	4.0	0.0	38.2	36.0
3815	1480.0	-880.0	4.0	0.0	37.9	35.7
3816	1500.0	-880.0	4.0	0.0	37.6	35.5
3817	1520.0	-880.0	4.0	0.0	37.3	35.2
3818	1540.0	-880.0	4.0	0.0	37.0	34.9
3819	1560.0	-880.0	4.0	0.0	36.7	34.7
3820	1580.0	-880.0	4.0	0.0	36.5	34.5
3821	1600.0	-880.0	4.0	0.0	36.2	34.3
3822	1620.0	-880.0	4.0	0.0	36.0	34.0
3823	1640.0	-880.0	4.0	0.0	35.8	33.8
3824	1660.0	-880.0	4.0	0.0	35.5	33.6
3825	1680.0	-880.0	4.0	0.0	35.3	33.4
3826	0.0	-900.0	4.0	0.0	35.0	35.0
3827	20.0	-900.0	4.0	0.0	35.3	35.3
3828	40.0	-900.0	4.0	0.0	35.6	35.6
3829	60.0	-900.0	4.0	0.0	35.9	35.9
3830	80.0	-900.0	4.0	0.0	36.3	36.2
3831	100.0	-900.0	4.0	0.0	36.6	36.6
3832	120.0	-900.0	4.0	0.0	37.0	37.0
3833	140.0	-900.0	4.0	0.0	37.3	37.3
3834	160.0	-900.0	4.0	0.0	37.5	37.5
3835	180.0	-900.0	4.0	0.0	37.9	37.9
3836	200.0	-900.0	4.0	0.0	38.1	38.1
3837	220.0	-900.0	4.0	0.0	38.5	38.5
3838	240.0	-900.0	4.0	0.0	38.5	38.5
3839	260.0	-900.0	4.0	0.0	38.7	38.7
3840	280.0	-900.0	4.0	0.0	39.1	39.1
3841	300.0	-900.0	4.0	0.0	39.3	39.3
3842	320.0	-900.0	4.0	0.0	39.7	39.7
3843	340.0	-900.0	4.0	0.0	40.1	40.1
3844	360.0	-900.0	4.0	0.0	40.5	40.5
3845	380.0	-900.0	4.0	0.0	40.9	41.0
3846	400.0	-900.0	4.0	0.0	41.4	41.4
3847	420.0	-900.0	4.0	0.0	41.8	41.8
3848	440.0	-900.0	4.0	0.0	42.3	42.3
3849	460.0	-900.0	4.0	0.0	42.7	42.8

3850	480.0	-900.0	4.0	0.0	43.2	43.2
3851	500.0	-900.0	4.0	0.0	43.6	43.6
3852	520.0	-900.0	4.0	0.0	44.1	44.1
3853	540.0	-900.0	4.0	0.0	44.5	44.5
3854	560.0	-900.0	4.0	0.0	44.9	44.9
3855	580.0	-900.0	4.0	0.0	45.3	45.3
3856	600.0	-900.0	4.0	0.0	45.7	45.7
3857	620.0	-900.0	4.0	0.0	46.1	46.1
3858	640.0	-900.0	4.0	0.0	46.4	46.4
3859	660.0	-900.0	4.0	0.0	46.7	46.7
3860	680.0	-900.0	4.0	0.0	46.9	46.9
3861	700.0	-900.0	4.0	0.0	47.0	47.0
3862	720.0	-900.0	4.0	0.0	47.1	47.1
3863	740.0	-900.0	4.0	0.0	47.1	47.1
3864	760.0	-900.0	4.0	0.0	47.1	47.1
3865	780.0	-900.0	4.0	0.0	47.0	47.0
3866	800.0	-900.0	4.0	0.0	46.8	46.9
3867	820.0	-900.0	4.0	0.0	46.7	46.7
3868	840.0	-900.0	4.0	0.0	46.5	46.6
3869	860.0	-900.0	4.0	0.0	46.3	46.4
3870	880.0	-900.0	4.0	0.0	46.1	46.2
3871	900.0	-900.0	4.0	0.0	45.8	45.9
3872	920.0	-900.0	4.0	0.0	45.8	45.8
3873	940.0	-900.0	4.0	0.0	49.4	46.8
3874	960.0	-900.0	4.0	0.0	51.2	46.8
3875	980.0	-900.0	4.0	0.0	50.7	46.1
3876	1000.0	-900.0	4.0	0.0	50.1	45.6
3877	1020.0	-900.0	4.0	0.0	49.5	45.1
3878	1040.0	-900.0	4.0	0.0	48.9	44.8
3879	1060.0	-900.0	4.0	0.0	48.2	44.3
3880	1080.0	-900.0	4.0	0.0	47.6	44.0
3881	1100.0	-900.0	4.0	0.0	46.9	43.5
3882	1120.0	-900.0	4.0	0.0	46.2	43.0
3883	1140.0	-900.0	4.0	0.0	45.6	42.5
3884	1160.0	-900.0	4.0	0.0	44.9	42.0
3885	1180.0	-900.0	4.0	0.0	44.3	41.4
3886	1200.0	-900.0	4.0	0.0	43.8	40.9
3887	1220.0	-900.0	4.0	0.0	43.2	40.5
3888	1240.0	-900.0	4.0	0.0	42.7	40.0
3889	1260.0	-900.0	4.0	0.0	42.2	39.6
3890	1280.0	-900.0	4.0	0.0	41.7	39.2
3891	1300.0	-900.0	4.0	0.0	41.3	38.8
3892	1320.0	-900.0	4.0	0.0	40.9	38.4
3893	1340.0	-900.0	4.0	0.0	40.5	38.1
3894	1360.0	-900.0	4.0	0.0	40.1	37.7
3895	1380.0	-900.0	4.0	0.0	39.7	37.4
3896	1400.0	-900.0	4.0	0.0	39.3	37.1
3897	1420.0	-900.0	4.0	0.0	39.0	36.7
3898	1440.0	-900.0	4.0	0.0	38.6	36.4
3899	1460.0	-900.0	4.0	0.0	38.3	36.1
3900	1480.0	-900.0	4.0	0.0	38.0	35.8
3901	1500.0	-900.0	4.0	0.0	37.7	35.6
3902	1520.0	-900.0	4.0	0.0	37.4	35.3
3903	1540.0	-900.0	4.0	0.0	37.2	35.1
3904	1560.0	-900.0	4.0	0.0	36.9	34.9
3905	1580.0	-900.0	4.0	0.0	36.6	34.6
3906	1600.0	-900.0	4.0	0.0	36.3	34.4
3907	1620.0	-900.0	4.0	0.0	36.1	34.2
3908	1640.0	-900.0	4.0	0.0	35.9	34.0
3909	1660.0	-900.0	4.0	0.0	35.6	33.8
3910	1680.0	-900.0	4.0	0.0	35.4	33.6
3911	0.0	-920.0	4.0	0.0	34.9	34.9
3912	20.0	-920.0	4.0	0.0	35.2	35.1
3913	40.0	-920.0	4.0	0.0	35.4	35.4
3914	60.0	-920.0	4.0	0.0	35.7	35.7
3915	80.0	-920.0	4.0	0.0	36.0	36.0
3916	100.0	-920.0	4.0	0.0	36.4	36.3
3917	120.0	-920.0	4.0	0.0	36.7	36.7
3918	140.0	-920.0	4.0	0.0	37.0	37.0
3919	160.0	-920.0	4.0	0.0	37.4	37.4
3920	180.0	-920.0	4.0	0.0	37.8	37.8
3921	200.0	-920.0	4.0	0.0	38.2	38.2
3922	220.0	-920.0	4.0	0.0	38.6	38.6
3923	240.0	-920.0	4.0	0.0	39.0	39.0
3924	260.0	-920.0	4.0	0.0	39.3	39.3
3925	280.0	-920.0	4.0	0.0	39.7	39.7
3926	300.0	-920.0	4.0	0.0	40.0	40.0
3927	320.0	-920.0	4.0	0.0	40.5	40.5
3928	340.0	-920.0	4.0	0.0	40.6	40.6
3929	360.0	-920.0	4.0	0.0	40.9	40.9
3930	380.0	-920.0	4.0	0.0	41.2	41.2
3931	400.0	-920.0	4.0	0.0	41.6	41.6
3932	420.0	-920.0	4.0	0.0	42.0	42.1
3933	440.0	-920.0	4.0	0.0	42.5	42.5
3934	460.0	-920.0	4.0	0.0	43.0	43.0

3935	480.0	-920.0	4.0	0.0	43.4	43.5
3936	500.0	-920.0	4.0	0.0	43.9	44.0
3937	520.0	-920.0	4.0	0.0	44.4	44.4
3938	540.0	-920.0	4.0	0.0	44.9	44.9
3939	560.0	-920.0	4.0	0.0	45.3	45.3
3940	580.0	-920.0	4.0	0.0	45.7	45.7
3941	600.0	-920.0	4.0	0.0	46.0	46.1
3942	620.0	-920.0	4.0	0.0	46.3	46.3
3943	640.0	-920.0	4.0	0.0	46.6	46.6
3944	660.0	-920.0	4.0	0.0	46.9	46.9
3945	680.0	-920.0	4.0	0.0	47.1	47.1
3946	700.0	-920.0	4.0	0.0	47.2	47.3
3947	720.0	-920.0	4.0	0.0	47.3	47.3
3948	740.0	-920.0	4.0	0.0	47.2	47.3
3949	760.0	-920.0	4.0	0.0	47.1	47.2
3950	780.0	-920.0	4.0	0.0	46.8	46.9
3951	800.0	-920.0	4.0	0.0	46.5	46.6
3952	820.0	-920.0	4.0	0.0	46.2	46.4
3953	840.0	-920.0	4.0	0.0	46.0	46.3
3954	860.0	-920.0	4.0	0.0	45.9	46.2
3955	880.0	-920.0	4.0	0.0	45.8	46.2
3956	900.0	-920.0	4.0	0.0	45.9	46.6
3957	920.0	-920.0	4.0	0.0	46.6	47.6
3958	940.0	-920.0	4.0	0.0	51.2	49.9
3959	960.0	-920.0	4.0	0.0	52.8	47.9
3960	980.0	-920.0	4.0	0.0	52.2	46.8
3961	1000.0	-920.0	4.0	0.0	51.4	46.0
3962	1020.0	-920.0	4.0	0.0	50.6	45.4
3963	1040.0	-920.0	4.0	0.0	49.7	45.0
3964	1060.0	-920.0	4.0	0.0	48.9	44.6
3965	1080.0	-920.0	4.0	0.0	48.1	44.3
3966	1100.0	-920.0	4.0	0.0	47.4	43.8
3967	1120.0	-920.0	4.0	0.0	46.6	43.3
3968	1140.0	-920.0	4.0	0.0	45.9	42.7
3969	1160.0	-920.0	4.0	0.0	45.2	42.2
3970	1180.0	-920.0	4.0	0.0	44.6	41.6
3971	1200.0	-920.0	4.0	0.0	44.0	41.1
3972	1220.0	-920.0	4.0	0.0	43.4	40.6
3973	1240.0	-920.0	4.0	0.0	42.9	40.2
3974	1260.0	-920.0	4.0	0.0	42.4	39.7
3975	1280.0	-920.0	4.0	0.0	41.9	39.3
3976	1300.0	-920.0	4.0	0.0	41.4	38.9
3977	1320.0	-920.0	4.0	0.0	41.0	38.6
3978	1340.0	-920.0	4.0	0.0	40.6	38.2
3979	1360.0	-920.0	4.0	0.0	40.2	37.8
3980	1380.0	-920.0	4.0	0.0	39.8	37.5
3981	1400.0	-920.0	4.0	0.0	39.4	37.1
3982	1420.0	-920.0	4.0	0.0	39.1	36.9
3983	1440.0	-920.0	4.0	0.0	38.8	36.6
3984	1460.0	-920.0	4.0	0.0	38.4	36.3
3985	1480.0	-920.0	4.0	0.0	38.1	36.0
3986	1500.0	-920.0	4.0	0.0	37.8	35.7
3987	1520.0	-920.0	4.0	0.0	37.5	35.5
3988	1540.0	-920.0	4.0	0.0	37.3	35.2
3989	1560.0	-920.0	4.0	0.0	37.0	35.0
3990	1580.0	-920.0	4.0	0.0	36.7	34.8
3991	1600.0	-920.0	4.0	0.0	36.4	34.5
3992	1620.0	-920.0	4.0	0.0	36.2	34.3
3993	1640.0	-920.0	4.0	0.0	36.0	34.2
3994	1660.0	-920.0	4.0	0.0	35.8	34.0
3995	1680.0	-920.0	4.0	0.0	35.6	33.8
3996	0.0	-940.0	4.0	0.0	34.8	34.8
3997	20.0	-940.0	4.0	0.0	35.1	35.1
3998	40.0	-940.0	4.0	0.0	35.4	35.3
3999	60.0	-940.0	4.0	0.0	35.7	35.6
4000	80.0	-940.0	4.0	0.0	36.0	35.9
4001	100.0	-940.0	4.0	0.0	36.3	36.2
4002	120.0	-940.0	4.0	0.0	36.6	36.6
4003	140.0	-940.0	4.0	0.0	36.9	36.9
4004	160.0	-940.0	4.0	0.0	37.2	37.2
4005	180.0	-940.0	4.0	0.0	37.6	37.6
4006	200.0	-940.0	4.0	0.0	37.9	37.9
4007	220.0	-940.0	4.0	0.0	38.3	38.3
4008	240.0	-940.0	4.0	0.0	38.7	38.7
4009	260.0	-940.0	4.0	0.0	39.1	39.1
4010	280.0	-940.0	4.0	0.0	39.6	39.6
4011	300.0	-940.0	4.0	0.0	40.0	40.0
4012	320.0	-940.0	4.0	0.0	40.5	40.5
4013	340.0	-940.0	4.0	0.0	41.0	41.0
4014	360.0	-940.0	4.0	0.0	41.5	41.5
4015	380.0	-940.0	4.0	0.0	42.0	42.0
4016	400.0	-940.0	4.0	0.0	42.3	42.3
4017	420.0	-940.0	4.0	0.0	42.6	42.6
4018	440.0	-940.0	4.0	0.0	42.9	43.0
4019	460.0	-940.0	4.0	0.0	43.3	43.3

4020	480.0	-940.0	4.0	0.0	43.8	43.9
4021	500.0	-940.0	4.0	0.0	44.3	44.3
4022	520.0	-940.0	4.0	0.0	44.7	44.7
4023	540.0	-940.0	4.0	0.0	45.1	45.1
4024	560.0	-940.0	4.0	0.0	45.4	45.5
4025	580.0	-940.0	4.0	0.0	45.8	45.8
4026	600.0	-940.0	4.0	0.0	46.1	46.1
4027	620.0	-940.0	4.0	0.0	46.4	46.5
4028	640.0	-940.0	4.0	0.0	46.7	46.7
4029	660.0	-940.0	4.0	0.0	46.9	47.0
4030	680.0	-940.0	4.0	0.0	47.2	47.3
4031	700.0	-940.0	4.0	0.0	47.1	47.2
4032	720.0	-940.0	4.0	0.0	46.9	47.0
4033	740.0	-940.0	4.0	0.0	46.8	46.9
4034	760.0	-940.0	4.0	0.0	46.5	46.8
4035	780.0	-940.0	4.0	0.0	46.3	46.6
4036	800.0	-940.0	4.0	0.0	46.1	46.7
4037	820.0	-940.0	4.0	0.0	46.2	47.1
4038	840.0	-940.0	4.0	0.0	46.8	48.2
4039	860.0	-940.0	4.0	0.0	48.5	50.5
4040	880.0	-940.0	4.0	0.0	49.3	51.6
4041	900.0	-940.0	4.0	0.0	46.6	48.5
4042	920.0	-940.0	4.0	0.0	45.0	46.4
4043	940.0	-940.0	4.0	0.0	45.8	46.7
4044	960.0	-940.0	4.0	0.0	55.2	50.4
4045	980.0	-940.0	4.0	0.0	54.4	48.2
4046	1000.0	-940.0	4.0	0.0	53.1	46.8
4047	1020.0	-940.0	4.0	0.0	51.9	46.0
4048	1040.0	-940.0	4.0	0.0	50.6	45.4
4049	1060.0	-940.0	4.0	0.0	49.6	44.9
4050	1080.0	-940.0	4.0	0.0	48.6	44.4
4051	1100.0	-940.0	4.0	0.0	47.8	44.0
4052	1120.0	-940.0	4.0	0.0	46.9	43.5
4053	1140.0	-940.0	4.0	0.0	46.2	42.9
4054	1160.0	-940.0	4.0	0.0	45.5	42.3
4055	1180.0	-940.0	4.0	0.0	44.8	41.8
4056	1200.0	-940.0	4.0	0.0	44.2	41.3
4057	1220.0	-940.0	4.0	0.0	43.6	40.8
4058	1240.0	-940.0	4.0	0.0	43.0	40.3
4059	1260.0	-940.0	4.0	0.0	42.5	39.9
4060	1280.0	-940.0	4.0	0.0	42.0	39.4
4061	1300.0	-940.0	4.0	0.0	41.6	39.1
4062	1320.0	-940.0	4.0	0.0	41.1	38.7
4063	1340.0	-940.0	4.0	0.0	40.7	38.3
4064	1360.0	-940.0	4.0	0.0	40.3	38.0
4065	1380.0	-940.0	4.0	0.0	39.9	37.6
4066	1400.0	-940.0	4.0	0.0	39.6	37.3
4067	1420.0	-940.0	4.0	0.0	39.2	37.0
4068	1440.0	-940.0	4.0	0.0	38.9	36.7
4069	1460.0	-940.0	4.0	0.0	38.5	36.4
4070	1480.0	-940.0	4.0	0.0	38.2	36.1
4071	1500.0	-940.0	4.0	0.0	37.9	35.9
4072	1520.0	-940.0	4.0	0.0	37.6	35.6
4073	1540.0	-940.0	4.0	0.0	37.4	35.4
4074	1560.0	-940.0	4.0	0.0	37.1	35.2
4075	1580.0	-940.0	4.0	0.0	36.9	35.0
4076	1600.0	-940.0	4.0	0.0	36.6	34.8
4077	1620.0	-940.0	4.0	0.0	36.4	34.6
4078	1640.0	-940.0	4.0	0.0	36.2	34.4
4079	1660.0	-940.0	4.0	0.0	36.0	34.2
4080	1680.0	-940.0	4.0	0.0	35.8	34.0
4081	0.0	-960.0	4.0	0.0	34.8	34.8
4082	20.0	-960.0	4.0	0.0	35.1	35.1
4083	40.0	-960.0	4.0	0.0	35.4	35.3
4084	60.0	-960.0	4.0	0.0	35.6	35.6
4085	80.0	-960.0	4.0	0.0	35.9	35.9
4086	100.0	-960.0	4.0	0.0	36.2	36.2
4087	120.0	-960.0	4.0	0.0	36.5	36.5
4088	140.0	-960.0	4.0	0.0	36.9	36.9
4089	160.0	-960.0	4.0	0.0	37.2	37.2
4090	180.0	-960.0	4.0	0.0	37.5	37.5
4091	200.0	-960.0	4.0	0.0	37.9	37.9
4092	220.0	-960.0	4.0	0.0	38.3	38.3
4093	240.0	-960.0	4.0	0.0	38.6	38.6
4094	260.0	-960.0	4.0	0.0	39.0	39.0
4095	280.0	-960.0	4.0	0.0	39.4	39.4
4096	300.0	-960.0	4.0	0.0	39.8	39.8
4097	320.0	-960.0	4.0	0.0	40.3	40.3
4098	340.0	-960.0	4.0	0.0	40.8	40.8
4099	360.0	-960.0	4.0	0.0	41.3	41.3
4100	380.0	-960.0	4.0	0.0	41.8	41.8
4101	400.0	-960.0	4.0	0.0	42.3	42.3
4102	420.0	-960.0	4.0	0.0	42.9	42.9
4103	440.0	-960.0	4.0	0.0	43.5	43.5
4104	460.0	-960.0	4.0	0.0	44.0	44.1

4105	480.0	-960.0	4.0	0.0	44.6	44.6
4106	500.0	-960.0	4.0	0.0	44.9	45.0
4107	520.0	-960.0	4.0	0.0	45.1	45.2
4108	540.0	-960.0	4.0	0.0	45.2	45.3
4109	560.0	-960.0	4.0	0.0	45.5	45.6
4110	580.0	-960.0	4.0	0.0	45.8	45.9
4111	600.0	-960.0	4.0	0.0	46.0	46.1
4112	620.0	-960.0	4.0	0.0	46.1	46.3
4113	640.0	-960.0	4.0	0.0	46.2	46.4
4114	660.0	-960.0	4.0	0.0	46.4	46.6
4115	680.0	-960.0	4.0	0.0	46.7	46.9
4116	700.0	-960.0	4.0	0.0	46.9	47.3
4117	720.0	-960.0	4.0	0.0	47.1	47.6
4118	740.0	-960.0	4.0	0.0	47.3	48.1
4119	760.0	-960.0	4.0	0.0	47.8	49.3
4120	780.0	-960.0	4.0	0.0	49.5	51.7
4121	800.0	-960.0	4.0	0.0	48.4	50.5
4122	820.0	-960.0	4.0	0.0	45.9	47.6
4123	840.0	-960.0	4.0	0.0	44.2	45.5
4124	860.0	-960.0	4.0	0.0	42.8	44.0
4125	880.0	-960.0	4.0	0.0	41.4	42.5
4126	900.0	-960.0	4.0	0.0	39.7	40.9
4129	960.0	-960.0	4.0	0.0	59.0	55.0
4130	980.0	-960.0	4.0	0.0	57.5	51.0
4131	1000.0	-960.0	4.0	0.0	55.2	48.2
4132	1020.0	-960.0	4.0	0.0	53.2	46.7
4133	1040.0	-960.0	4.0	0.0	51.5	45.7
4134	1060.0	-960.0	4.0	0.0	50.2	45.1
4135	1080.0	-960.0	4.0	0.0	49.1	44.6
4136	1100.0	-960.0	4.0	0.0	48.1	44.2
4137	1120.0	-960.0	4.0	0.0	47.2	43.6
4138	1140.0	-960.0	4.0	0.0	46.4	43.0
4139	1160.0	-960.0	4.0	0.0	45.7	42.5
4140	1180.0	-960.0	4.0	0.0	45.0	41.9
4141	1200.0	-960.0	4.0	0.0	44.3	41.4
4142	1220.0	-960.0	4.0	0.0	43.7	40.9
4143	1240.0	-960.0	4.0	0.0	43.2	40.5
4144	1260.0	-960.0	4.0	0.0	42.6	40.0
4145	1280.0	-960.0	4.0	0.0	42.1	39.6
4146	1300.0	-960.0	4.0	0.0	41.7	39.2
4147	1320.0	-960.0	4.0	0.0	41.2	38.8
4148	1340.0	-960.0	4.0	0.0	40.8	38.4
4149	1360.0	-960.0	4.0	0.0	40.4	38.1
4150	1380.0	-960.0	4.0	0.0	40.0	37.8
4151	1400.0	-960.0	4.0	0.0	39.7	37.4
4152	1420.0	-960.0	4.0	0.0	39.3	37.1
4153	1440.0	-960.0	4.0	0.0	38.9	36.9
4154	1460.0	-960.0	4.0	0.0	38.7	36.6
4155	1480.0	-960.0	4.0	0.0	38.4	36.3
4156	1500.0	-960.0	4.0	0.0	38.1	36.1
4157	1520.0	-960.0	4.0	0.0	37.8	35.8
4158	1540.0	-960.0	4.0	0.0	37.5	35.6
4159	1560.0	-960.0	4.0	0.0	37.3	35.4
4160	1580.0	-960.0	4.0	0.0	37.0	35.2
4161	1600.0	-960.0	4.0	0.0	36.8	35.0
4162	1620.0	-960.0	4.0	0.0	36.6	34.8
4163	1640.0	-960.0	4.0	0.0	36.3	34.6
4164	1660.0	-960.0	4.0	0.0	35.8	33.9
4165	1680.0	-960.0	4.0	0.0	35.8	34.1
4166	0.0	-980.0	4.0	0.0	34.8	34.8
4167	20.0	-980.0	4.0	0.0	35.1	35.1
4168	40.0	-980.0	4.0	0.0	35.4	35.3
4169	60.0	-980.0	4.0	0.0	35.6	35.6
4170	80.0	-980.0	4.0	0.0	35.9	35.9
4171	100.0	-980.0	4.0	0.0	36.2	36.2
4172	120.0	-980.0	4.0	0.0	36.5	36.5
4173	140.0	-980.0	4.0	0.0	36.9	36.8
4174	160.0	-980.0	4.0	0.0	37.2	37.1
4175	180.0	-980.0	4.0	0.0	37.5	37.5
4176	200.0	-980.0	4.0	0.0	37.9	37.8
4177	220.0	-980.0	4.0	0.0	38.2	38.2
4178	240.0	-980.0	4.0	0.0	38.6	38.6
4179	260.0	-980.0	4.0	0.0	39.0	39.0
4180	280.0	-980.0	4.0	0.0	39.4	39.4
4181	300.0	-980.0	4.0	0.0	39.8	39.8
4182	320.0	-980.0	4.0	0.0	40.3	40.3
4183	340.0	-980.0	4.0	0.0	40.8	40.8
4184	360.0	-980.0	4.0	0.0	41.2	41.2
4185	380.0	-980.0	4.0	0.0	41.7	41.8
4186	400.0	-980.0	4.0	0.0	42.3	42.3
4187	420.0	-980.0	4.0	0.0	42.8	42.8
4188	440.0	-980.0	4.0	0.0	43.4	43.4
4189	460.0	-980.0	4.0	0.0	43.8	43.8
4190	480.0	-980.0	4.0	0.0	44.4	44.4
4191	500.0	-980.0	4.0	0.0	44.7	44.8

4192	520.0	-980.0	4.0	0.0	45.2	45.3
4193	540.0	-980.0	4.0	0.0	45.6	45.7
4194	560.0	-980.0	4.0	0.0	45.8	46.0
4195	580.0	-980.0	4.0	0.0	46.2	46.4
4196	600.0	-980.0	4.0	0.0	46.4	46.7
4197	620.0	-980.0	4.0	0.0	45.8	46.3
4198	640.0	-980.0	4.0	0.0	46.2	47.0
4199	660.0	-980.0	4.0	0.0	47.0	48.2
4200	680.0	-980.0	4.0	0.0	48.7	50.3
4201	700.0	-980.0	4.0	0.0	50.4	52.4
4202	720.0	-980.0	4.0	0.0	48.2	49.8
4203	740.0	-980.0	4.0	0.0	46.2	47.4
4204	760.0	-980.0	4.0	0.0	44.2	45.4
4205	780.0	-980.0	4.0	0.0	42.5	43.6
4206	800.0	-980.0	4.0	0.0	40.9	42.0
4207	820.0	-980.0	4.0	0.0	39.4	40.7
4214	960.0	-980.0	4.0	0.0	66.9	64.5
4215	980.0	-980.0	4.0	0.0	61.5	53.9
4216	1000.0	-980.0	4.0	0.0	57.3	49.2
4217	1020.0	-980.0	4.0	0.0	54.4	47.0
4218	1040.0	-980.0	4.0	0.0	52.2	45.8
4219	1060.0	-980.0	4.0	0.0	50.6	45.2
4220	1080.0	-980.0	4.0	0.0	49.4	44.7
4221	1100.0	-980.0	4.0	0.0	48.4	44.3
4222	1120.0	-980.0	4.0	0.0	47.4	43.7
4223	1140.0	-980.0	4.0	0.0	46.6	43.2
4224	1160.0	-980.0	4.0	0.0	45.8	42.6
4225	1180.0	-980.0	4.0	0.0	45.1	42.0
4226	1200.0	-980.0	4.0	0.0	44.4	41.5
4227	1220.0	-980.0	4.0	0.0	43.8	41.0
4228	1240.0	-980.0	4.0	0.0	43.3	40.6
4229	1260.0	-980.0	4.0	0.0	42.7	40.1
4230	1280.0	-980.0	4.0	0.0	42.2	39.7
4231	1300.0	-980.0	4.0	0.0	41.8	39.3
4232	1320.0	-980.0	4.0	0.0	41.3	38.9
4233	1340.0	-980.0	4.0	0.0	40.9	38.6
4234	1360.0	-980.0	4.0	0.0	40.5	38.2
4235	1380.0	-980.0	4.0	0.0	40.1	37.9
4236	1400.0	-980.0	4.0	0.0	39.8	37.6
4237	1420.0	-980.0	4.0	0.0	39.5	37.3
4238	1440.0	-980.0	4.0	0.0	39.1	37.1
4239	1460.0	-980.0	4.0	0.0	38.8	36.8
4240	1480.0	-980.0	4.0	0.0	38.5	36.6
4241	1500.0	-980.0	4.0	0.0	38.2	36.3
4242	1520.0	-980.0	4.0	0.0	38.0	36.1
4243	1540.0	-980.0	4.0	0.0	37.7	35.9
4244	1560.0	-980.0	4.0	0.0	37.3	35.5
4245	1580.0	-980.0	4.0	0.0	36.9	35.0
4246	1600.0	-980.0	4.0	0.0	36.8	35.0
4247	1620.0	-980.0	4.0	0.0	36.5	34.7
4248	1640.0	-980.0	4.0	0.0	36.3	34.5
4249	1660.0	-980.0	4.0	0.0	36.1	34.3
4250	1680.0	-980.0	4.0	0.0	35.8	34.1
4251	0.0	-1000.0	4.0	0.0	34.8	34.8
4252	20.0	-1000.0	4.0	0.0	35.1	35.1
4253	40.0	-1000.0	4.0	0.0	35.4	35.4
4254	60.0	-1000.0	4.0	0.0	35.6	35.6
4255	80.0	-1000.0	4.0	0.0	35.9	35.9
4256	100.0	-1000.0	4.0	0.0	36.2	36.2
4257	120.0	-1000.0	4.0	0.0	36.5	36.5
4258	140.0	-1000.0	4.0	0.0	36.8	36.8
4259	160.0	-1000.0	4.0	0.0	37.2	37.1
4260	180.0	-1000.0	4.0	0.0	37.5	37.5
4261	200.0	-1000.0	4.0	0.0	37.9	37.9
4262	220.0	-1000.0	4.0	0.0	38.2	38.2
4263	240.0	-1000.0	4.0	0.0	38.6	38.6
4264	260.0	-1000.0	4.0	0.0	39.0	39.0
4265	280.0	-1000.0	4.0	0.0	39.4	39.4
4266	300.0	-1000.0	4.0	0.0	39.8	39.8
4267	320.0	-1000.0	4.0	0.0	40.3	40.3
4268	340.0	-1000.0	4.0	0.0	40.8	40.8
4269	360.0	-1000.0	4.0	0.0	41.3	41.3
4270	380.0	-1000.0	4.0	0.0	41.8	41.8
4271	400.0	-1000.0	4.0	0.0	42.3	42.3
4272	420.0	-1000.0	4.0	0.0	42.8	42.8
4273	440.0	-1000.0	4.0	0.0	43.3	43.4
4274	460.0	-1000.0	4.0	0.0	43.6	43.6
4275	480.0	-1000.0	4.0	0.0	44.1	44.1
4276	500.0	-1000.0	4.0	0.0	44.3	44.5
4277	520.0	-1000.0	4.0	0.0	44.9	45.3
4278	540.0	-1000.0	4.0	0.0	45.4	46.1
4279	560.0	-1000.0	4.0	0.0	45.9	46.9
4280	580.0	-1000.0	4.0	0.0	46.8	48.3
4281	600.0	-1000.0	4.0	0.0	48.8	50.9
4282	620.0	-1000.0	4.0	0.0	49.0	51.2

4283	640.0	-1000.0	4.0	0.0	46.7	48.3
4284	660.0	-1000.0	4.0	0.0	45.5	46.7
4285	680.0	-1000.0	4.0	0.0	45.6	46.4
4286	700.0	-1000.0	4.0	0.0	46.6	47.0
4287	720.0	-1000.0	4.0	0.0	44.6	45.1
4288	740.0	-1000.0	4.0	0.0	39.8	41.0
4299	960.0	-1000.0	4.0	0.0	78.4	64.1
4301	1000.0	-1000.0	4.0	0.0	58.5	49.3
4302	1020.0	-1000.0	4.0	0.0	54.9	46.9
4303	1040.0	-1000.0	4.0	0.0	52.6	45.7
4304	1060.0	-1000.0	4.0	0.0	50.8	45.1
4305	1080.0	-1000.0	4.0	0.0	49.5	44.6
4306	1100.0	-1000.0	4.0	0.0	48.5	44.3
4307	1120.0	-1000.0	4.0	0.0	47.5	43.7
4308	1140.0	-1000.0	4.0	0.0	46.7	43.2
4309	1160.0	-1000.0	4.0	0.0	45.9	42.6
4310	1180.0	-1000.0	4.0	0.0	45.2	42.1
4311	1200.0	-1000.0	4.0	0.0	44.5	41.6
4312	1220.0	-1000.0	4.0	0.0	43.9	41.1
4313	1240.0	-1000.0	4.0	0.0	43.4	40.7
4314	1260.0	-1000.0	4.0	0.0	42.8	40.2
4315	1280.0	-1000.0	4.0	0.0	42.3	39.8
4316	1300.0	-1000.0	4.0	0.0	41.9	39.4
4317	1320.0	-1000.0	4.0	0.0	41.4	39.1
4318	1340.0	-1000.0	4.0	0.0	41.0	38.8
4319	1360.0	-1000.0	4.0	0.0	40.7	38.5
4320	1380.0	-1000.0	4.0	0.0	40.3	38.2
4321	1400.0	-1000.0	4.0	0.0	39.9	37.9
4322	1420.0	-1000.0	4.0	0.0	39.6	37.6
4323	1440.0	-1000.0	4.0	0.0	39.3	37.3
4324	1460.0	-1000.0	4.0	0.0	39.0	37.0
4325	1480.0	-1000.0	4.0	0.0	38.5	36.4
4326	1500.0	-1000.0	4.0	0.0	38.2	36.2
4327	1520.0	-1000.0	4.0	0.0	37.9	35.9
4328	1540.0	-1000.0	4.0	0.0	37.6	35.7
4329	1560.0	-1000.0	4.0	0.0	37.3	35.5
4330	1580.0	-1000.0	4.0	0.0	37.1	35.3
4331	1600.0	-1000.0	4.0	0.0	36.8	35.0
4332	1620.0	-1000.0	4.0	0.0	36.6	34.8
4333	1640.0	-1000.0	4.0	0.0	36.3	34.6
4334	1660.0	-1000.0	4.0	0.0	36.1	34.4
4335	1680.0	-1000.0	4.0	0.0	35.6	33.8
4336	0.0	-1020.0	4.0	0.0	34.8	34.7
4337	20.0	-1020.0	4.0	0.0	35.0	35.0
4338	40.0	-1020.0	4.0	0.0	35.3	35.3
4339	60.0	-1020.0	4.0	0.0	35.6	35.6
4340	80.0	-1020.0	4.0	0.0	35.9	35.9
4341	100.0	-1020.0	4.0	0.0	36.2	36.2
4342	120.0	-1020.0	4.0	0.0	36.5	36.5
4343	140.0	-1020.0	4.0	0.0	36.8	36.8
4344	160.0	-1020.0	4.0	0.0	37.2	37.2
4345	180.0	-1020.0	4.0	0.0	37.5	37.5
4346	200.0	-1020.0	4.0	0.0	37.9	37.9
4347	220.0	-1020.0	4.0	0.0	38.2	38.2
4348	240.0	-1020.0	4.0	0.0	38.6	38.6
4349	260.0	-1020.0	4.0	0.0	39.0	39.0
4350	280.0	-1020.0	4.0	0.0	39.5	39.5
4351	300.0	-1020.0	4.0	0.0	39.9	39.9
4352	320.0	-1020.0	4.0	0.0	40.3	40.3
4353	340.0	-1020.0	4.0	0.0	40.8	40.8
4354	360.0	-1020.0	4.0	0.0	41.3	41.3
4355	380.0	-1020.0	4.0	0.0	41.7	41.7
4356	400.0	-1020.0	4.0	0.0	42.2	42.2
4357	420.0	-1020.0	4.0	0.0	42.6	42.6
4358	440.0	-1020.0	4.0	0.0	43.1	43.1
4359	460.0	-1020.0	4.0	0.0	43.4	43.4
4360	480.0	-1020.0	4.0	0.0	43.8	43.9
4361	500.0	-1020.0	4.0	0.0	44.9	45.4
4362	520.0	-1020.0	4.0	0.0	49.5	51.7
4363	540.0	-1020.0	4.0	0.0	48.2	50.1
4364	560.0	-1020.0	4.0	0.0	45.3	47.0
4365	580.0	-1020.0	4.0	0.0	43.6	45.0
4366	600.0	-1020.0	4.0	0.0	42.2	43.4
4367	620.0	-1020.0	4.0	0.0	41.0	42.2
4368	640.0	-1020.0	4.0	0.0	39.8	41.0
4369	660.0	-1020.0	4.0	0.0	38.6	40.1
4385	980.0	-1020.0	4.0	0.0	61.9	51.0
4386	1000.0	-1020.0	4.0	0.0	57.8	49.1
4387	1020.0	-1020.0	4.0	0.0	54.7	46.2
4388	1040.0	-1020.0	4.0	0.0	52.5	45.3
4389	1060.0	-1020.0	4.0	0.0	50.8	44.8
4390	1080.0	-1020.0	4.0	0.0	49.5	44.5
4391	1100.0	-1020.0	4.0	0.0	48.4	44.1
4392	1120.0	-1020.0	4.0	0.0	47.5	43.7
4393	1140.0	-1020.0	4.0	0.0	46.7	43.2

4394	1160.0	-1020.0	4.0	0.0	45.9	42.7
4395	1180.0	-1020.0	4.0	0.0	45.1	42.1
4396	1200.0	-1020.0	4.0	0.0	44.6	41.6
4397	1220.0	-1020.0	4.0	0.0	43.9	41.2
4398	1240.0	-1020.0	4.0	0.0	43.4	40.8
4399	1260.0	-1020.0	4.0	0.0	42.9	40.4
4400	1280.0	-1020.0	4.0	0.0	42.4	40.0
4401	1300.0	-1020.0	4.0	0.0	42.0	39.6
4402	1320.0	-1020.0	4.0	0.0	41.6	39.3
4403	1340.0	-1020.0	4.0	0.0	41.2	39.0
4404	1360.0	-1020.0	4.0	0.0	40.8	38.7
4405	1380.0	-1020.0	4.0	0.0	40.4	38.4
4406	1400.0	-1020.0	4.0	0.0	39.9	37.7
4407	1420.0	-1020.0	4.0	0.0	39.5	37.4
4408	1440.0	-1020.0	4.0	0.0	39.2	37.1
4409	1460.0	-1020.0	4.0	0.0	38.8	36.8
4410	1480.0	-1020.0	4.0	0.0	38.5	36.6
4411	1500.0	-1020.0	4.0	0.0	38.2	36.3
4412	1520.0	-1020.0	4.0	0.0	37.9	36.0
4413	1540.0	-1020.0	4.0	0.0	37.7	35.8
4414	1560.0	-1020.0	4.0	0.0	37.4	35.6
4415	1580.0	-1020.0	4.0	0.0	37.1	35.3
4416	1600.0	-1020.0	4.0	0.0	36.6	34.6
4417	1620.0	-1020.0	4.0	0.0	36.3	34.4
4418	1640.0	-1020.0	4.0	0.0	36.1	34.2
4419	1660.0	-1020.0	4.0	0.0	35.8	34.0
4420	1680.0	-1020.0	4.0	0.0	35.6	33.7
4421	0.0	-1040.0	4.0	0.0	34.8	34.7
4422	20.0	-1040.0	4.0	0.0	35.0	35.0
4423	40.0	-1040.0	4.0	0.0	35.3	35.3
4424	60.0	-1040.0	4.0	0.0	35.6	35.6
4425	80.0	-1040.0	4.0	0.0	35.9	35.9
4426	100.0	-1040.0	4.0	0.0	36.2	36.2
4427	120.0	-1040.0	4.0	0.0	36.5	36.5
4428	140.0	-1040.0	4.0	0.0	36.8	36.8
4429	160.0	-1040.0	4.0	0.0	37.2	37.1
4430	180.0	-1040.0	4.0	0.0	37.5	37.5
4431	200.0	-1040.0	4.0	0.0	37.9	37.9
4432	220.0	-1040.0	4.0	0.0	38.3	38.2
4433	240.0	-1040.0	4.0	0.0	38.6	38.6
4434	260.0	-1040.0	4.0	0.0	39.1	39.0
4435	280.0	-1040.0	4.0	0.0	39.4	39.4
4436	300.0	-1040.0	4.0	0.0	39.8	39.8
4437	320.0	-1040.0	4.0	0.0	40.3	40.3
4438	340.0	-1040.0	4.0	0.0	40.8	40.8
4439	360.0	-1040.0	4.0	0.0	41.3	41.3
4440	380.0	-1040.0	4.0	0.0	41.7	41.7
4441	400.0	-1040.0	4.0	0.0	42.1	42.1
4442	420.0	-1040.0	4.0	0.0	42.4	42.4
4443	440.0	-1040.0	4.0	0.0	42.5	42.6
4444	460.0	-1040.0	4.0	0.0	42.7	42.7
4445	480.0	-1040.0	4.0	0.0	42.4	42.5
4446	500.0	-1040.0	4.0	0.0	43.3	43.7
4447	520.0	-1040.0	4.0	0.0	42.3	43.3
4448	540.0	-1040.0	4.0	0.0	41.1	42.1
4449	560.0	-1040.0	4.0	0.0	38.0	39.7
4470	980.0	-1040.0	4.0	0.0	59.1	47.8
4471	1000.0	-1040.0	4.0	0.0	57.3	52.0
4472	1020.0	-1040.0	4.0	0.0	54.3	45.8
4473	1040.0	-1040.0	4.0	0.0	52.2	44.9
4474	1060.0	-1040.0	4.0	0.0	50.6	44.6
4475	1080.0	-1040.0	4.0	0.0	49.4	44.4
4476	1100.0	-1040.0	4.0	0.0	48.3	44.1
4477	1120.0	-1040.0	4.0	0.0	47.5	43.7
4478	1140.0	-1040.0	4.0	0.0	46.6	43.1
4479	1160.0	-1040.0	4.0	0.0	45.9	42.7
4480	1180.0	-1040.0	4.0	0.0	45.2	42.1
4481	1200.0	-1040.0	4.0	0.0	44.6	41.7
4482	1220.0	-1040.0	4.0	0.0	44.0	41.3
4483	1240.0	-1040.0	4.0	0.0	43.4	40.8
4484	1260.0	-1040.0	4.0	0.0	43.0	40.6
4485	1280.0	-1040.0	4.0	0.0	42.5	40.2
4486	1300.0	-1040.0	4.0	0.0	42.0	39.7
4487	1320.0	-1040.0	4.0	0.0	41.4	39.0
4488	1340.0	-1040.0	4.0	0.0	41.0	38.7
4489	1360.0	-1040.0	4.0	0.0	40.6	38.4
4490	1380.0	-1040.0	4.0	0.0	40.2	38.1
4491	1400.0	-1040.0	4.0	0.0	39.9	37.8
4492	1420.0	-1040.0	4.0	0.0	39.6	37.5
4493	1440.0	-1040.0	4.0	0.0	39.2	37.2
4494	1460.0	-1040.0	4.0	0.0	38.9	36.9
4495	1480.0	-1040.0	4.0	0.0	38.6	36.7
4496	1500.0	-1040.0	4.0	0.0	38.0	36.0
4497	1520.0	-1040.0	4.0	0.0	37.7	35.6
4498	1540.0	-1040.0	4.0	0.0	37.4	35.4

4499	1560.0	-1040.0	4.0	0.0	37.1	35.1
4500	1580.0	-1040.0	4.0	0.0	36.8	34.9
4501	1600.0	-1040.0	4.0	0.0	36.5	34.6
4502	1620.0	-1040.0	4.0	0.0	36.3	34.3
4503	1640.0	-1040.0	4.0	0.0	36.0	34.1
4504	1660.0	-1040.0	4.0	0.0	35.7	33.9
4505	1680.0	-1040.0	4.0	0.0	35.5	33.6
4506	0.0	-1060.0	4.0	0.0	34.8	34.7
4507	20.0	-1060.0	4.0	0.0	35.0	35.0
4508	40.0	-1060.0	4.0	0.0	35.3	35.3
4509	60.0	-1060.0	4.0	0.0	35.6	35.6
4510	80.0	-1060.0	4.0	0.0	35.9	35.8
4511	100.0	-1060.0	4.0	0.0	36.2	36.1
4512	120.0	-1060.0	4.0	0.0	36.5	36.5
4513	140.0	-1060.0	4.0	0.0	36.8	36.8
4514	160.0	-1060.0	4.0	0.0	37.2	37.1
4515	180.0	-1060.0	4.0	0.0	37.5	37.5
4516	200.0	-1060.0	4.0	0.0	37.8	37.8
4517	220.0	-1060.0	4.0	0.0	38.2	38.2
4518	240.0	-1060.0	4.0	0.0	38.6	38.6
4519	260.0	-1060.0	4.0	0.0	39.0	39.0
4520	280.0	-1060.0	4.0	0.0	39.4	39.4
4521	300.0	-1060.0	4.0	0.0	39.9	39.8
4522	320.0	-1060.0	4.0	0.0	40.3	40.3
4523	340.0	-1060.0	4.0	0.0	40.8	40.8
4524	360.0	-1060.0	4.0	0.0	41.3	41.3
4525	380.0	-1060.0	4.0	0.0	41.7	41.7
4526	400.0	-1060.0	4.0	0.0	42.0	42.1
4527	420.0	-1060.0	4.0	0.0	42.2	42.2
4528	440.0	-1060.0	4.0	0.0	42.3	42.3
4529	460.0	-1060.0	4.0	0.0	42.4	42.4
4530	480.0	-1060.0	4.0	0.0	41.8	41.9
4531	500.0	-1060.0	4.0	0.0	42.9	43.0
4532	520.0	-1060.0	4.0	0.0	41.8	42.9
4552	920.0	-1060.0	4.0	0.0	47.9	37.8
4553	940.0	-1060.0	4.0	0.0	50.9	39.7
4554	960.0	-1060.0	4.0	0.0	55.6	41.3
4555	980.0	-1060.0	4.0	0.0	65.9	47.2
4556	1000.0	-1060.0	4.0	0.0	58.4	48.7
4557	1020.0	-1060.0	4.0	0.0	54.0	47.4
4558	1040.0	-1060.0	4.0	0.0	51.9	45.4
4559	1060.0	-1060.0	4.0	0.0	50.3	44.9
4560	1080.0	-1060.0	4.0	0.0	49.1	44.4
4561	1100.0	-1060.0	4.0	0.0	48.1	44.0
4562	1120.0	-1060.0	4.0	0.0	47.3	43.6
4563	1140.0	-1060.0	4.0	0.0	46.5	43.1
4564	1160.0	-1060.0	4.0	0.0	45.8	42.7
4565	1180.0	-1060.0	4.0	0.0	45.1	42.2
4566	1200.0	-1060.0	4.0	0.0	44.6	41.8
4567	1220.0	-1060.0	4.0	0.0	43.9	41.2
4568	1240.0	-1060.0	4.0	0.0	43.3	40.6
4569	1260.0	-1060.0	4.0	0.0	42.8	40.3
4570	1280.0	-1060.0	4.0	0.0	42.3	39.9
4571	1300.0	-1060.0	4.0	0.0	41.9	39.5
4572	1320.0	-1060.0	4.0	0.0	41.5	39.2
4573	1340.0	-1060.0	4.0	0.0	41.1	38.9
4574	1360.0	-1060.0	4.0	0.0	40.7	38.5
4575	1380.0	-1060.0	4.0	0.0	40.3	38.2
4576	1400.0	-1060.0	4.0	0.0	39.9	37.9
4577	1420.0	-1060.0	4.0	0.0	39.3	37.1
4578	1440.0	-1060.0	4.0	0.0	38.9	36.8
4579	1460.0	-1060.0	4.0	0.0	38.6	36.5
4580	1480.0	-1060.0	4.0	0.0	38.3	36.2
4581	1500.0	-1060.0	4.0	0.0	37.9	35.9
4582	1520.0	-1060.0	4.0	0.0	37.6	35.6
4583	1540.0	-1060.0	4.0	0.0	37.3	35.3
4584	1560.0	-1060.0	4.0	0.0	37.0	35.0
4585	1580.0	-1060.0	4.0	0.0	36.8	34.8
4586	1600.0	-1060.0	4.0	0.0	36.5	34.5
4587	1620.0	-1060.0	4.0	0.0	36.2	34.3
4588	1640.0	-1060.0	4.0	0.0	36.0	34.1
4589	1660.0	-1060.0	4.0	0.0	35.7	33.8
4590	1680.0	-1060.0	4.0	0.0	35.5	33.6
4591	0.0	-1080.0	4.0	0.0	34.7	34.7
4592	20.0	-1080.0	4.0	0.0	35.0	35.0
4593	40.0	-1080.0	4.0	0.0	35.3	35.2
4594	60.0	-1080.0	4.0	0.0	35.6	35.5
4595	80.0	-1080.0	4.0	0.0	35.9	35.8
4596	100.0	-1080.0	4.0	0.0	36.1	36.1
4597	120.0	-1080.0	4.0	0.0	36.4	36.4
4598	140.0	-1080.0	4.0	0.0	36.8	36.7
4599	160.0	-1080.0	4.0	0.0	37.1	37.1
4600	180.0	-1080.0	4.0	0.0	37.4	37.4
4601	200.0	-1080.0	4.0	0.0	37.8	37.8
4602	220.0	-1080.0	4.0	0.0	38.2	38.2

4603	240.0	-1080.0	4.0	0.0	38.6	38.6
4604	260.0	-1080.0	4.0	0.0	39.0	39.0
4605	280.0	-1080.0	4.0	0.0	39.4	39.4
4606	300.0	-1080.0	4.0	0.0	39.8	39.8
4607	320.0	-1080.0	4.0	0.0	40.3	40.3
4608	340.0	-1080.0	4.0	0.0	40.8	40.7
4609	360.0	-1080.0	4.0	0.0	41.2	41.2
4610	380.0	-1080.0	4.0	0.0	41.7	41.7
4611	400.0	-1080.0	4.0	0.0	42.1	42.1
4612	420.0	-1080.0	4.0	0.0	42.3	42.3
4613	440.0	-1080.0	4.0	0.0	42.3	42.3
4614	460.0	-1080.0	4.0	0.0	42.4	42.4
4615	480.0	-1080.0	4.0	0.0	41.8	41.8
4616	500.0	-1080.0	4.0	0.0	42.7	42.8
4617	520.0	-1080.0	4.0	0.0	42.1	43.1
4618	540.0	-1080.0	4.0	0.0	33.9	35.1
4627	720.0	-1080.0	4.0	0.0	47.6	47.6
4628	740.0	-1080.0	4.0	0.0	44.6	44.6
4633	840.0	-1080.0	4.0	0.0	42.9	40.0
4634	860.0	-1080.0	4.0	0.0	44.9	42.6
4635	880.0	-1080.0	4.0	0.0	46.3	43.8
4636	900.0	-1080.0	4.0	0.0	47.4	44.3
4637	920.0	-1080.0	4.0	0.0	48.2	44.6
4638	940.0	-1080.0	4.0	0.0	50.2	44.8
4639	960.0	-1080.0	4.0	0.0	54.4	45.0
4640	980.0	-1080.0	4.0	0.0	60.8	46.6
4641	1000.0	-1080.0	4.0	0.0	57.4	47.1
4642	1020.0	-1080.0	4.0	0.0	53.8	49.1
4643	1040.0	-1080.0	4.0	0.0	51.4	45.9
4644	1060.0	-1080.0	4.0	0.0	50.0	45.2
4645	1080.0	-1080.0	4.0	0.0	48.9	44.7
4646	1100.0	-1080.0	4.0	0.0	47.9	44.1
4647	1120.0	-1080.0	4.0	0.0	47.1	43.6
4648	1140.0	-1080.0	4.0	0.0	46.3	43.0
4649	1160.0	-1080.0	4.0	0.0	45.6	42.5
4650	1180.0	-1080.0	4.0	0.0	44.9	42.0
4651	1200.0	-1080.0	4.0	0.0	44.3	41.5
4652	1220.0	-1080.0	4.0	0.0	43.8	41.1
4653	1240.0	-1080.0	4.0	0.0	43.3	40.7
4654	1260.0	-1080.0	4.0	0.0	42.8	40.4
4655	1280.0	-1080.0	4.0	0.0	42.4	40.0
4656	1300.0	-1080.0	4.0	0.0	41.9	39.6
4657	1320.0	-1080.0	4.0	0.0	41.5	39.3
4658	1340.0	-1080.0	4.0	0.0	40.8	38.4
4659	1360.0	-1080.0	4.0	0.0	40.4	38.1
4660	1380.0	-1080.0	4.0	0.0	40.0	37.7
4661	1400.0	-1080.0	4.0	0.0	39.6	37.4
4662	1420.0	-1080.0	4.0	0.0	39.2	37.0
4663	1440.0	-1080.0	4.0	0.0	38.9	36.7
4664	1460.0	-1080.0	4.0	0.0	38.6	36.4
4665	1480.0	-1080.0	4.0	0.0	38.2	36.1
4666	1500.0	-1080.0	4.0	0.0	37.9	35.8
4667	1520.0	-1080.0	4.0	0.0	37.6	35.5
4668	1540.0	-1080.0	4.0	0.0	37.3	35.3
4669	1560.0	-1080.0	4.0	0.0	37.0	35.0
4670	1580.0	-1080.0	4.0	0.0	36.7	34.8
4671	1600.0	-1080.0	4.0	0.0	36.5	34.5
4672	1620.0	-1080.0	4.0	0.0	36.2	34.3
4673	1640.0	-1080.0	4.0	0.0	35.9	34.0
4674	1660.0	-1080.0	4.0	0.0	35.7	33.8
4675	1680.0	-1080.0	4.0	0.0	35.5	33.6
4676	0.0	-1100.0	4.0	0.0	34.7	34.7
4677	20.0	-1100.0	4.0	0.0	35.0	34.9
4678	40.0	-1100.0	4.0	0.0	35.2	35.2
4679	60.0	-1100.0	4.0	0.0	35.5	35.5
4680	80.0	-1100.0	4.0	0.0	35.8	35.7
4681	100.0	-1100.0	4.0	0.0	36.1	36.1
4682	120.0	-1100.0	4.0	0.0	36.4	36.4
4683	140.0	-1100.0	4.0	0.0	36.7	36.7
4684	160.0	-1100.0	4.0	0.0	37.1	37.0
4685	180.0	-1100.0	4.0	0.0	37.4	37.4
4686	200.0	-1100.0	4.0	0.0	37.8	37.7
4687	220.0	-1100.0	4.0	0.0	38.1	38.1
4688	240.0	-1100.0	4.0	0.0	38.5	38.5
4689	260.0	-1100.0	4.0	0.0	38.9	38.9
4690	280.0	-1100.0	4.0	0.0	39.4	39.3
4691	300.0	-1100.0	4.0	0.0	39.8	39.8
4692	320.0	-1100.0	4.0	0.0	40.2	40.2
4693	340.0	-1100.0	4.0	0.0	40.7	40.7
4694	360.0	-1100.0	4.0	0.0	41.2	41.2
4695	380.0	-1100.0	4.0	0.0	41.6	41.6
4696	400.0	-1100.0	4.0	0.0	42.0	42.0
4697	420.0	-1100.0	4.0	0.0	42.3	42.3
4698	440.0	-1100.0	4.0	0.0	42.3	42.3
4699	460.0	-1100.0	4.0	0.0	42.3	42.3

4700	480.0	-1100.0	4.0	0.0	41.6	41.6
4701	500.0	-1100.0	4.0	0.0	41.9	41.9
4702	520.0	-1100.0	4.0	0.0	40.4	40.7
4703	540.0	-1100.0	4.0	0.0	34.5	34.9
4708	640.0	-1100.0	4.0	0.0	42.6	42.5
4709	660.0	-1100.0	4.0	0.0	46.8	46.8
4710	680.0	-1100.0	4.0	0.0	49.3	49.3
4711	700.0	-1100.0	4.0	0.0	52.9	52.9
4712	720.0	-1100.0	4.0	0.0	51.1	51.1
4713	740.0	-1100.0	4.0	0.0	50.5	50.3
4714	760.0	-1100.0	4.0	0.0	41.3	39.9
4715	780.0	-1100.0	4.0	0.0	42.7	41.5
4716	800.0	-1100.0	4.0	0.0	44.0	43.0
4717	820.0	-1100.0	4.0	0.0	45.2	44.3
4718	840.0	-1100.0	4.0	0.0	46.1	45.3
4719	860.0	-1100.0	4.0	0.0	47.0	46.1
4720	880.0	-1100.0	4.0	0.0	47.7	46.6
4721	900.0	-1100.0	4.0	0.0	48.3	46.7
4722	920.0	-1100.0	4.0	0.0	48.9	46.7
4723	940.0	-1100.0	4.0	0.0	50.0	46.5
4724	960.0	-1100.0	4.0	0.0	51.6	46.3
4725	980.0	-1100.0	4.0	0.0	53.5	46.2
4726	1000.0	-1100.0	4.0	0.0	53.4	46.6
4727	1020.0	-1100.0	4.0	0.0	52.0	46.4
4728	1040.0	-1100.0	4.0	0.0	50.6	45.8
4729	1060.0	-1100.0	4.0	0.0	49.5	45.2
4730	1080.0	-1100.0	4.0	0.0	48.5	44.6
4731	1100.0	-1100.0	4.0	0.0	47.6	44.1
4732	1120.0	-1100.0	4.0	0.0	46.8	43.5
4733	1140.0	-1100.0	4.0	0.0	46.1	42.9
4734	1160.0	-1100.0	4.0	0.0	45.4	42.4
4735	1180.0	-1100.0	4.0	0.0	44.8	42.0
4736	1200.0	-1100.0	4.0	0.0	44.2	41.5
4737	1220.0	-1100.0	4.0	0.0	43.7	41.1
4738	1240.0	-1100.0	4.0	0.0	43.1	40.5
4739	1260.0	-1100.0	4.0	0.0	42.5	40.0
4740	1280.0	-1100.0	4.0	0.0	42.0	39.5
4741	1300.0	-1100.0	4.0	0.0	41.6	39.1
4742	1320.0	-1100.0	4.0	0.0	41.1	38.7
4743	1340.0	-1100.0	4.0	0.0	40.7	38.4
4744	1360.0	-1100.0	4.0	0.0	40.3	38.0
4745	1380.0	-1100.0	4.0	0.0	39.9	37.7
4746	1400.0	-1100.0	4.0	0.0	39.5	37.3
4747	1420.0	-1100.0	4.0	0.0	39.2	37.0
4748	1440.0	-1100.0	4.0	0.0	38.8	36.7
4749	1460.0	-1100.0	4.0	0.0	38.5	36.4
4750	1480.0	-1100.0	4.0	0.0	38.2	36.1
4751	1500.0	-1100.0	4.0	0.0	37.9	35.8
4752	1520.0	-1100.0	4.0	0.0	37.6	35.5
4753	1540.0	-1100.0	4.0	0.0	37.3	35.2
4754	1560.0	-1100.0	4.0	0.0	37.0	35.0
4755	1580.0	-1100.0	4.0	0.0	36.7	34.8
4756	1600.0	-1100.0	4.0	0.0	36.4	34.5
4757	1620.0	-1100.0	4.0	0.0	36.2	34.3
4758	1640.0	-1100.0	4.0	0.0	35.9	34.0
4759	1660.0	-1100.0	4.0	0.0	35.7	33.8
4760	1680.0	-1100.0	4.0	0.0	35.4	33.6
4761	0.0	-1120.0	4.0	0.0	34.6	34.6
4762	20.0	-1120.0	4.0	0.0	34.9	34.9
4763	40.0	-1120.0	4.0	0.0	35.2	35.1
4764	60.0	-1120.0	4.0	0.0	35.5	35.4
4765	80.0	-1120.0	4.0	0.0	35.8	35.7
4766	100.0	-1120.0	4.0	0.0	36.1	36.0
4767	120.0	-1120.0	4.0	0.0	36.4	36.3
4768	140.0	-1120.0	4.0	0.0	36.7	36.6
4769	160.0	-1120.0	4.0	0.0	37.0	37.0
4770	180.0	-1120.0	4.0	0.0	37.4	37.3
4771	200.0	-1120.0	4.0	0.0	37.7	37.7
4772	220.0	-1120.0	4.0	0.0	38.1	38.1
4773	240.0	-1120.0	4.0	0.0	38.5	38.5
4774	260.0	-1120.0	4.0	0.0	38.9	38.9
4775	280.0	-1120.0	4.0	0.0	39.3	39.3
4776	300.0	-1120.0	4.0	0.0	39.8	39.7
4777	320.0	-1120.0	4.0	0.0	40.2	40.2
4778	340.0	-1120.0	4.0	0.0	40.6	40.6
4779	360.0	-1120.0	4.0	0.0	41.1	41.1
4780	380.0	-1120.0	4.0	0.0	41.6	41.6
4781	400.0	-1120.0	4.0	0.0	42.0	41.9
4782	420.0	-1120.0	4.0	0.0	42.2	42.2
4783	440.0	-1120.0	4.0	0.0	42.2	42.2
4784	460.0	-1120.0	4.0	0.0	42.1	42.1
4785	480.0	-1120.0	4.0	0.0	41.8	41.8
4786	500.0	-1120.0	4.0	0.0	41.0	41.0
4787	520.0	-1120.0	4.0	0.0	40.6	40.6
4788	540.0	-1120.0	4.0	0.0	36.3	36.1

4789	560.0	-1120.0	4.0	0.0	41.0	40.9
4790	580.0	-1120.0	4.0	0.0	44.6	44.5
4791	600.0	-1120.0	4.0	0.0	46.1	46.1
4792	620.0	-1120.0	4.0	0.0	47.2	47.1
4793	640.0	-1120.0	4.0	0.0	48.7	48.7
4794	660.0	-1120.0	4.0	0.0	50.3	50.3
4795	680.0	-1120.0	4.0	0.0	51.8	51.7
4796	700.0	-1120.0	4.0	0.0	52.6	52.6
4797	720.0	-1120.0	4.0	0.0	52.6	52.5
4798	740.0	-1120.0	4.0	0.0	52.0	51.9
4799	760.0	-1120.0	4.0	0.0	51.2	51.1
4800	780.0	-1120.0	4.0	0.0	50.4	50.2
4801	800.0	-1120.0	4.0	0.0	47.4	47.1
4802	820.0	-1120.0	4.0	0.0	47.3	46.9
4803	840.0	-1120.0	4.0	0.0	47.8	47.3
4804	860.0	-1120.0	4.0	0.0	48.2	47.6
4805	880.0	-1120.0	4.0	0.0	48.5	47.8
4806	900.0	-1120.0	4.0	0.0	48.8	47.7
4807	920.0	-1120.0	4.0	0.0	49.0	47.5
4808	940.0	-1120.0	4.0	0.0	49.4	47.2
4809	960.0	-1120.0	4.0	0.0	49.8	46.9
4810	980.0	-1120.0	4.0	0.0	50.1	46.6
4811	1000.0	-1120.0	4.0	0.0	51.1	46.5
4812	1020.0	-1120.0	4.0	0.0	50.6	46.2
4813	1040.0	-1120.0	4.0	0.0	49.7	45.6
4814	1060.0	-1120.0	4.0	0.0	48.8	45.1
4815	1080.0	-1120.0	4.0	0.0	48.0	44.5
4816	1100.0	-1120.0	4.0	0.0	47.2	43.9
4817	1120.0	-1120.0	4.0	0.0	46.5	43.3
4818	1140.0	-1120.0	4.0	0.0	45.8	42.8
4819	1160.0	-1120.0	4.0	0.0	45.1	42.2
4820	1180.0	-1120.0	4.0	0.0	44.5	41.7
4821	1200.0	-1120.0	4.0	0.0	43.9	41.2
4822	1220.0	-1120.0	4.0	0.0	43.4	40.8
4823	1240.0	-1120.0	4.0	0.0	42.9	40.3
4824	1260.0	-1120.0	4.0	0.0	42.4	39.9
4825	1280.0	-1120.0	4.0	0.0	41.9	39.4
4826	1300.0	-1120.0	4.0	0.0	41.5	39.0
4827	1320.0	-1120.0	4.0	0.0	41.0	38.7
4828	1340.0	-1120.0	4.0	0.0	40.6	38.3
4829	1360.0	-1120.0	4.0	0.0	40.2	38.0
4830	1380.0	-1120.0	4.0	0.0	39.9	37.6
4831	1400.0	-1120.0	4.0	0.0	39.5	37.3
4832	1420.0	-1120.0	4.0	0.0	39.1	37.0
4833	1440.0	-1120.0	4.0	0.0	38.8	36.7
4834	1460.0	-1120.0	4.0	0.0	38.5	36.4
4835	1480.0	-1120.0	4.0	0.0	38.1	36.1
4836	1500.0	-1120.0	4.0	0.0	37.8	35.8
4837	1520.0	-1120.0	4.0	0.0	37.5	35.5
4838	1540.0	-1120.0	4.0	0.0	37.2	35.2
4839	1560.0	-1120.0	4.0	0.0	37.0	35.0
4840	1580.0	-1120.0	4.0	0.0	36.7	34.7
4841	1600.0	-1120.0	4.0	0.0	36.4	34.5
4842	1620.0	-1120.0	4.0	0.0	36.2	34.3
4843	1640.0	-1120.0	4.0	0.0	35.9	34.0
4844	1660.0	-1120.0	4.0	0.0	35.7	33.8
4845	1680.0	-1120.0	4.0	0.0	35.4	33.6
4846	0.0	-1140.0	4.0	0.0	34.6	34.6
4847	20.0	-1140.0	4.0	0.0	34.9	34.8
4848	40.0	-1140.0	4.0	0.0	35.1	35.1
4849	60.0	-1140.0	4.0	0.0	35.4	35.4
4850	80.0	-1140.0	4.0	0.0	35.7	35.7
4851	100.0	-1140.0	4.0	0.0	36.0	36.0
4852	120.0	-1140.0	4.0	0.0	36.3	36.3
4853	140.0	-1140.0	4.0	0.0	36.7	36.6
4854	160.0	-1140.0	4.0	0.0	37.0	36.9
4855	180.0	-1140.0	4.0	0.0	37.3	37.3
4856	200.0	-1140.0	4.0	0.0	37.7	37.6
4857	220.0	-1140.0	4.0	0.0	38.0	38.0
4858	240.0	-1140.0	4.0	0.0	38.4	38.4
4859	260.0	-1140.0	4.0	0.0	38.8	38.8
4860	280.0	-1140.0	4.0	0.0	39.3	39.2
4861	300.0	-1140.0	4.0	0.0	39.7	39.7
4862	320.0	-1140.0	4.0	0.0	40.1	40.1
4863	340.0	-1140.0	4.0	0.0	40.6	40.5
4864	360.0	-1140.0	4.0	0.0	41.1	41.0
4865	380.0	-1140.0	4.0	0.0	41.5	41.5
4866	400.0	-1140.0	4.0	0.0	41.9	41.9
4867	420.0	-1140.0	4.0	0.0	42.2	42.1
4868	440.0	-1140.0	4.0	0.0	42.3	42.2
4869	460.0	-1140.0	4.0	0.0	41.5	41.4
4870	480.0	-1140.0	4.0	0.0	42.8	42.7
4871	500.0	-1140.0	4.0	0.0	44.0	44.0
4872	520.0	-1140.0	4.0	0.0	45.3	45.2
4873	540.0	-1140.0	4.0	0.0	45.6	45.5

4874	560.0	-1140.0	4.0	0.0	45.9	45.9
4875	580.0	-1140.0	4.0	0.0	46.9	46.8
4876	600.0	-1140.0	4.0	0.0	47.9	47.9
4877	620.0	-1140.0	4.0	0.0	49.0	48.9
4878	640.0	-1140.0	4.0	0.0	50.1	50.0
4879	660.0	-1140.0	4.0	0.0	51.1	51.1
4880	680.0	-1140.0	4.0	0.0	52.0	52.0
4881	700.0	-1140.0	4.0	0.0	52.5	52.4
4882	720.0	-1140.0	4.0	0.0	52.4	52.3
4883	740.0	-1140.0	4.0	0.0	51.9	51.8
4884	760.0	-1140.0	4.0	0.0	51.1	51.0
4885	780.0	-1140.0	4.0	0.0	50.4	50.3
4886	800.0	-1140.0	4.0	0.0	49.8	49.7
4887	820.0	-1140.0	4.0	0.0	49.3	49.0
4888	840.0	-1140.0	4.0	0.0	48.6	48.3
4889	860.0	-1140.0	4.0	0.0	48.7	48.2
4890	880.0	-1140.0	4.0	0.0	48.8	48.2
4891	900.0	-1140.0	4.0	0.0	48.9	48.2
4892	920.0	-1140.0	4.0	0.0	48.9	47.9
4893	940.0	-1140.0	4.0	0.0	48.9	47.5
4894	960.0	-1140.0	4.0	0.0	48.8	47.0
4895	980.0	-1140.0	4.0	0.0	48.7	46.5
4896	1000.0	-1140.0	4.0	0.0	49.8	46.4
4897	1020.0	-1140.0	4.0	0.0	49.5	45.9
4898	1040.0	-1140.0	4.0	0.0	48.9	45.3
4899	1060.0	-1140.0	4.0	0.0	48.2	44.8
4900	1080.0	-1140.0	4.0	0.0	47.4	44.2
4901	1100.0	-1140.0	4.0	0.0	46.8	43.7
4902	1120.0	-1140.0	4.0	0.0	46.1	43.1
4903	1140.0	-1140.0	4.0	0.0	45.5	42.6
4904	1160.0	-1140.0	4.0	0.0	44.9	42.1
4905	1180.0	-1140.0	4.0	0.0	44.3	41.6
4906	1200.0	-1140.0	4.0	0.0	43.7	41.1
4907	1220.0	-1140.0	4.0	0.0	43.2	40.6
4908	1240.0	-1140.0	4.0	0.0	42.7	40.2
4909	1260.0	-1140.0	4.0	0.0	42.2	39.8
4910	1280.0	-1140.0	4.0	0.0	41.8	39.4
4911	1300.0	-1140.0	4.0	0.0	41.3	39.0
4912	1320.0	-1140.0	4.0	0.0	40.9	38.6
4913	1340.0	-1140.0	4.0	0.0	40.5	38.2
4914	1360.0	-1140.0	4.0	0.0	40.1	37.9
4915	1380.0	-1140.0	4.0	0.0	39.8	37.6
4916	1400.0	-1140.0	4.0	0.0	39.4	37.2
4917	1420.0	-1140.0	4.0	0.0	39.1	36.9
4918	1440.0	-1140.0	4.0	0.0	38.7	36.6
4919	1460.0	-1140.0	4.0	0.0	38.4	36.3
4920	1480.0	-1140.0	4.0	0.0	38.1	36.0
4921	1500.0	-1140.0	4.0	0.0	37.8	35.8
4922	1520.0	-1140.0	4.0	0.0	37.5	35.5
4923	1540.0	-1140.0	4.0	0.0	37.2	35.2
4924	1560.0	-1140.0	4.0	0.0	36.9	35.0
4925	1580.0	-1140.0	4.0	0.0	36.7	34.8
4926	1600.0	-1140.0	4.0	0.0	36.4	34.5
4927	1620.0	-1140.0	4.0	0.0	36.2	34.3
4928	1640.0	-1140.0	4.0	0.0	36.0	34.1
4929	1660.0	-1140.0	4.0	0.0	35.7	33.9
4930	1680.0	-1140.0	4.0	0.0	35.5	33.7
4931	0.0	-1160.0	4.0	0.0	34.6	34.5
4932	20.0	-1160.0	4.0	0.0	34.8	34.8
4933	40.0	-1160.0	4.0	0.0	35.1	35.0
4934	60.0	-1160.0	4.0	0.0	35.4	35.3
4935	80.0	-1160.0	4.0	0.0	35.7	35.6
4936	100.0	-1160.0	4.0	0.0	36.0	35.9
4937	120.0	-1160.0	4.0	0.0	36.3	36.2
4938	140.0	-1160.0	4.0	0.0	36.6	36.5
4939	160.0	-1160.0	4.0	0.0	36.9	36.9
4940	180.0	-1160.0	4.0	0.0	37.3	37.2
4941	200.0	-1160.0	4.0	0.0	37.6	37.6
4942	220.0	-1160.0	4.0	0.0	38.0	37.9
4943	240.0	-1160.0	4.0	0.0	38.4	38.3
4944	260.0	-1160.0	4.0	0.0	38.8	38.7
4945	280.0	-1160.0	4.0	0.0	39.2	39.1
4946	300.0	-1160.0	4.0	0.0	39.7	39.6
4947	320.0	-1160.0	4.0	0.0	40.1	40.0
4948	340.0	-1160.0	4.0	0.0	40.6	40.5
4949	360.0	-1160.0	4.0	0.0	41.0	41.0
4950	380.0	-1160.0	4.0	0.0	40.5	40.4
4951	400.0	-1160.0	4.0	0.0	41.5	41.4
4952	420.0	-1160.0	4.0	0.0	42.6	42.5
4953	440.0	-1160.0	4.0	0.0	43.4	43.4
4954	460.0	-1160.0	4.0	0.0	44.2	44.1
4955	480.0	-1160.0	4.0	0.0	44.6	44.5
4956	500.0	-1160.0	4.0	0.0	44.7	44.6
4957	520.0	-1160.0	4.0	0.0	45.3	45.3
4958	540.0	-1160.0	4.0	0.0	45.8	45.8

4959	560.0	-1160.0	4.0	0.0	47.2	47.1
4960	580.0	-1160.0	4.0	0.0	47.3	47.2
4961	600.0	-1160.0	4.0	0.0	48.1	48.1
4962	620.0	-1160.0	4.0	0.0	49.0	48.9
4963	640.0	-1160.0	4.0	0.0	49.9	49.8
4964	660.0	-1160.0	4.0	0.0	50.6	50.6
4965	680.0	-1160.0	4.0	0.0	51.2	51.2
4966	700.0	-1160.0	4.0	0.0	51.5	51.4
4967	720.0	-1160.0	4.0	0.0	51.3	51.3
4968	740.0	-1160.0	4.0	0.0	51.0	50.9
4969	760.0	-1160.0	4.0	0.0	50.5	50.4
4970	780.0	-1160.0	4.0	0.0	50.0	49.8
4971	800.0	-1160.0	4.0	0.0	49.5	49.4
4972	820.0	-1160.0	4.0	0.0	51.0	50.8
4973	840.0	-1160.0	4.0	0.0	50.6	50.4
4974	860.0	-1160.0	4.0	0.0	50.2	49.9
4975	880.0	-1160.0	4.0	0.0	49.6	49.2
4976	900.0	-1160.0	4.0	0.0	49.1	48.6
4977	920.0	-1160.0	4.0	0.0	48.7	47.9
4978	940.0	-1160.0	4.0	0.0	48.4	47.4
4979	960.0	-1160.0	4.0	0.0	48.1	46.8
4980	980.0	-1160.0	4.0	0.0	47.8	46.3
4981	1000.0	-1160.0	4.0	0.0	48.3	46.0
4982	1020.0	-1160.0	4.0	0.0	48.5	45.5
4983	1040.0	-1160.0	4.0	0.0	48.1	45.0
4984	1060.0	-1160.0	4.0	0.0	47.5	44.5
4985	1080.0	-1160.0	4.0	0.0	46.9	43.9
4986	1100.0	-1160.0	4.0	0.0	46.3	43.4
4987	1120.0	-1160.0	4.0	0.0	45.7	42.9
4988	1140.0	-1160.0	4.0	0.0	45.1	42.4
4989	1160.0	-1160.0	4.0	0.0	44.6	41.9
4990	1180.0	-1160.0	4.0	0.0	44.0	41.4
4991	1200.0	-1160.0	4.0	0.0	43.5	40.9
4992	1220.0	-1160.0	4.0	0.0	43.0	40.5
4993	1240.0	-1160.0	4.0	0.0	42.5	40.1
4994	1260.0	-1160.0	4.0	0.0	42.1	39.7
4995	1280.0	-1160.0	4.0	0.0	41.6	39.3
4996	1300.0	-1160.0	4.0	0.0	41.2	38.9
4997	1320.0	-1160.0	4.0	0.0	40.8	38.5
4998	1340.0	-1160.0	4.0	0.0	40.4	38.2
4999	1360.0	-1160.0	4.0	0.0	40.1	37.8
5000	1380.0	-1160.0	4.0	0.0	39.7	37.5
5001	1400.0	-1160.0	4.0	0.0	39.3	37.2
5002	1420.0	-1160.0	4.0	0.0	39.0	36.9
5003	1440.0	-1160.0	4.0	0.0	38.7	36.6
5004	1460.0	-1160.0	4.0	0.0	38.4	36.3
5005	1480.0	-1160.0	4.0	0.0	38.1	36.0
5006	1500.0	-1160.0	4.0	0.0	37.8	35.8
5007	1520.0	-1160.0	4.0	0.0	37.5	35.5
5008	1540.0	-1160.0	4.0	0.0	37.2	35.3
5009	1560.0	-1160.0	4.0	0.0	37.0	35.1
5010	1580.0	-1160.0	4.0	0.0	36.7	34.9
5011	1600.0	-1160.0	4.0	0.0	36.5	34.6
5012	1620.0	-1160.0	4.0	0.0	36.2	34.4
5013	1640.0	-1160.0	4.0	0.0	36.0	34.2
5014	1660.0	-1160.0	4.0	0.0	35.8	34.0
5015	1680.0	-1160.0	4.0	0.0	35.6	33.9
5016	0.0	-1180.0	4.0	0.0	34.5	34.4
5017	20.0	-1180.0	4.0	0.0	34.8	34.7
5018	40.0	-1180.0	4.0	0.0	35.1	35.0
5019	60.0	-1180.0	4.0	0.0	35.4	35.3
5020	80.0	-1180.0	4.0	0.0	35.7	35.6
5021	100.0	-1180.0	4.0	0.0	36.0	35.8
5022	120.0	-1180.0	4.0	0.0	36.3	36.2
5023	140.0	-1180.0	4.0	0.0	36.6	36.5
5024	160.0	-1180.0	4.0	0.0	36.9	36.8
5025	180.0	-1180.0	4.0	0.0	37.3	37.2
5026	200.0	-1180.0	4.0	0.0	37.6	37.5
5027	220.0	-1180.0	4.0	0.0	38.0	37.9
5028	240.0	-1180.0	4.0	0.0	38.4	38.3
5029	260.0	-1180.0	4.0	0.0	38.8	38.7
5030	280.0	-1180.0	4.0	0.0	39.2	39.1
5031	300.0	-1180.0	4.0	0.0	38.4	38.3
5032	320.0	-1180.0	4.0	0.0	39.6	39.5
5033	340.0	-1180.0	4.0	0.0	40.7	40.6
5034	360.0	-1180.0	4.0	0.0	41.2	41.2
5035	380.0	-1180.0	4.0	0.0	41.9	41.8
5036	400.0	-1180.0	4.0	0.0	42.5	42.5
5037	420.0	-1180.0	4.0	0.0	42.7	42.7
5038	440.0	-1180.0	4.0	0.0	43.1	43.0
5039	460.0	-1180.0	4.0	0.0	43.4	43.4
5040	480.0	-1180.0	4.0	0.0	44.0	44.0
5041	500.0	-1180.0	4.0	0.0	45.1	45.1
5042	520.0	-1180.0	4.0	0.0	45.8	45.7
5043	540.0	-1180.0	4.0	0.0	45.6	45.5

5044	560.0	-1180.0	4.0	0.0	46.9	46.8
5045	580.0	-1180.0	4.0	0.0	46.9	46.9
5046	600.0	-1180.0	4.0	0.0	47.7	47.6
5047	620.0	-1180.0	4.0	0.0	48.4	48.3
5048	640.0	-1180.0	4.0	0.0	49.1	49.0
5049	660.0	-1180.0	4.0	0.0	49.6	49.6
5050	680.0	-1180.0	4.0	0.0	50.0	50.0
5051	700.0	-1180.0	4.0	0.0	50.2	50.1
5052	720.0	-1180.0	4.0	0.0	51.2	51.1
5053	740.0	-1180.0	4.0	0.0	52.4	52.3
5054	760.0	-1180.0	4.0	0.0	51.9	51.8
5055	780.0	-1180.0	4.0	0.0	51.4	51.3
5056	800.0	-1180.0	4.0	0.0	50.9	50.8
5057	820.0	-1180.0	4.0	0.0	50.5	50.3
5058	840.0	-1180.0	4.0	0.0	50.1	49.9
5059	860.0	-1180.0	4.0	0.0	49.7	49.5
5060	880.0	-1180.0	4.0	0.0	49.4	49.1
5061	900.0	-1180.0	4.0	0.0	49.1	48.7
5062	920.0	-1180.0	4.0	0.0	49.0	48.5
5063	940.0	-1180.0	4.0	0.0	48.3	47.6
5064	960.0	-1180.0	4.0	0.0	47.7	46.8
5065	980.0	-1180.0	4.0	0.0	47.2	46.1
5066	1000.0	-1180.0	4.0	0.0	47.5	45.7
5067	1020.0	-1180.0	4.0	0.0	47.7	45.1
5068	1040.0	-1180.0	4.0	0.0	47.4	44.7
5069	1060.0	-1180.0	4.0	0.0	46.9	44.2
5070	1080.0	-1180.0	4.0	0.0	46.4	43.6
5071	1100.0	-1180.0	4.0	0.0	45.8	43.1
5072	1120.0	-1180.0	4.0	0.0	45.3	42.6
5073	1140.0	-1180.0	4.0	0.0	44.8	42.1
5074	1160.0	-1180.0	4.0	0.0	44.2	41.7
5075	1180.0	-1180.0	4.0	0.0	43.7	41.2
5076	1200.0	-1180.0	4.0	0.0	43.3	40.8
5077	1220.0	-1180.0	4.0	0.0	42.8	40.3
5078	1240.0	-1180.0	4.0	0.0	42.3	39.9
5079	1260.0	-1180.0	4.0	0.0	41.9	39.5
5080	1280.0	-1180.0	4.0	0.0	41.5	39.2
5081	1300.0	-1180.0	4.0	0.0	41.1	38.8
5082	1320.0	-1180.0	4.0	0.0	40.7	38.4
5083	1340.0	-1180.0	4.0	0.0	40.3	38.1
5084	1360.0	-1180.0	4.0	0.0	39.9	37.8
5085	1380.0	-1180.0	4.0	0.0	39.6	37.5
5086	1400.0	-1180.0	4.0	0.0	39.3	37.2
5087	1420.0	-1180.0	4.0	0.0	38.9	36.9
5088	1440.0	-1180.0	4.0	0.0	38.6	36.6
5089	1460.0	-1180.0	4.0	0.0	38.3	36.3
5090	1480.0	-1180.0	4.0	0.0	38.1	36.1
5091	1500.0	-1180.0	4.0	0.0	37.8	35.9
5092	1520.0	-1180.0	4.0	0.0	37.5	35.6
5093	1540.0	-1180.0	4.0	0.0	37.2	35.4
5094	1560.0	-1180.0	4.0	0.0	37.0	35.2
5095	1580.0	-1180.0	4.0	0.0	36.8	34.9
5096	1600.0	-1180.0	4.0	0.0	36.5	34.8
5097	1620.0	-1180.0	4.0	0.0	36.3	34.6
5098	1640.0	-1180.0	4.0	0.0	36.1	34.4
5099	1660.0	-1180.0	4.0	0.0	35.9	34.2
5100	1680.0	-1180.0	4.0	0.0	35.7	34.1
5101	0.0	-1200.0	4.0	0.0	34.5	34.4
5102	20.0	-1200.0	4.0	0.0	34.8	34.7
5103	40.0	-1200.0	4.0	0.0	35.1	34.9
5104	60.0	-1200.0	4.0	0.0	35.4	35.2
5105	80.0	-1200.0	4.0	0.0	35.6	35.5
5106	100.0	-1200.0	4.0	0.0	35.9	35.8
5107	120.0	-1200.0	4.0	0.0	36.2	36.1
5108	140.0	-1200.0	4.0	0.0	36.6	36.4
5109	160.0	-1200.0	4.0	0.0	36.9	36.8
5110	180.0	-1200.0	4.0	0.0	37.2	37.1
5111	200.0	-1200.0	4.0	0.0	36.3	36.1
5112	220.0	-1200.0	4.0	0.0	36.7	36.6
5113	240.0	-1200.0	4.0	0.0	37.1	37.0
5114	260.0	-1200.0	4.0	0.0	38.9	38.8
5115	280.0	-1200.0	4.0	0.0	39.4	39.3
5116	300.0	-1200.0	4.0	0.0	39.9	39.8
5117	320.0	-1200.0	4.0	0.0	40.5	40.4
5118	340.0	-1200.0	4.0	0.0	40.8	40.8
5119	360.0	-1200.0	4.0	0.0	41.1	41.0
5120	380.0	-1200.0	4.0	0.0	41.4	41.4
5121	400.0	-1200.0	4.0	0.0	41.6	41.5
5122	420.0	-1200.0	4.0	0.0	42.1	42.0
5123	440.0	-1200.0	4.0	0.0	42.6	42.6
5124	460.0	-1200.0	4.0	0.0	43.8	43.7
5125	480.0	-1200.0	4.0	0.0	44.4	44.3
5126	500.0	-1200.0	4.0	0.0	44.2	44.1
5127	520.0	-1200.0	4.0	0.0	44.7	44.6
5128	540.0	-1200.0	4.0	0.0	45.2	45.2

5129	560.0	-1200.0	4.0	0.0	45.7	45.7
5130	580.0	-1200.0	4.0	0.0	46.4	46.3
5131	600.0	-1200.0	4.0	0.0	47.0	46.9
5132	620.0	-1200.0	4.0	0.0	47.6	47.5
5133	640.0	-1200.0	4.0	0.0	50.8	50.8
5134	660.0	-1200.0	4.0	0.0	51.9	51.9
5135	680.0	-1200.0	4.0	0.0	51.4	51.3
5136	700.0	-1200.0	4.0	0.0	51.5	51.4
5137	720.0	-1200.0	4.0	0.0	51.4	51.4
5138	740.0	-1200.0	4.0	0.0	51.2	51.1
5139	760.0	-1200.0	4.0	0.0	50.9	50.8
5140	780.0	-1200.0	4.0	0.0	50.5	50.4
5141	800.0	-1200.0	4.0	0.0	50.2	50.0
5142	820.0	-1200.0	4.0	0.0	49.8	49.7
5143	840.0	-1200.0	4.0	0.0	50.5	50.4
5144	860.0	-1200.0	4.0	0.0	50.1	50.0
5145	880.0	-1200.0	4.0	0.0	49.8	49.5
5146	900.0	-1200.0	4.0	0.0	49.4	49.1
5147	920.0	-1200.0	4.0	0.0	48.9	48.5
5148	940.0	-1200.0	4.0	0.0	48.4	47.9
5149	960.0	-1200.0	4.0	0.0	47.7	47.1
5150	980.0	-1200.0	4.0	0.0	46.9	46.2
5151	1000.0	-1200.0	4.0	0.0	47.1	45.5
5152	1020.0	-1200.0	4.0	0.0	47.2	44.9
5153	1040.0	-1200.0	4.0	0.0	46.7	44.4
5154	1060.0	-1200.0	4.0	0.0	46.3	43.9
5155	1080.0	-1200.0	4.0	0.0	45.9	43.4
5156	1100.0	-1200.0	4.0	0.0	45.4	42.8
5157	1120.0	-1200.0	4.0	0.0	44.9	42.4
5158	1140.0	-1200.0	4.0	0.0	44.4	41.9
5159	1160.0	-1200.0	4.0	0.0	43.9	41.5
5160	1180.0	-1200.0	4.0	0.0	43.5	41.0
5161	1200.0	-1200.0	4.0	0.0	43.0	40.6
5162	1220.0	-1200.0	4.0	0.0	42.6	40.2
5163	1240.0	-1200.0	4.0	0.0	42.1	39.8
5164	1260.0	-1200.0	4.0	0.0	41.7	39.4
5165	1280.0	-1200.0	4.0	0.0	41.3	39.1
5166	1300.0	-1200.0	4.0	0.0	40.9	38.7
5167	1320.0	-1200.0	4.0	0.0	40.5	38.4
5168	1340.0	-1200.0	4.0	0.0	40.2	38.0
5169	1360.0	-1200.0	4.0	0.0	39.8	37.7
5170	1380.0	-1200.0	4.0	0.0	39.5	37.5
5171	1400.0	-1200.0	4.0	0.0	39.2	37.2
5172	1420.0	-1200.0	4.0	0.0	38.9	36.9
5173	1440.0	-1200.0	4.0	0.0	38.6	36.7
5174	1460.0	-1200.0	4.0	0.0	38.3	36.4
5175	1480.0	-1200.0	4.0	0.0	38.1	36.2
5176	1500.0	-1200.0	4.0	0.0	37.8	35.9
5177	1520.0	-1200.0	4.0	0.0	37.5	35.7
5178	1540.0	-1200.0	4.0	0.0	37.3	35.5
5179	1560.0	-1200.0	4.0	0.0	37.0	35.3
5180	1580.0	-1200.0	4.0	0.0	36.8	35.1
5181	1600.0	-1200.0	4.0	0.0	36.6	34.9
5182	1620.0	-1200.0	4.0	0.0	36.4	34.8
5183	1640.0	-1200.0	4.0	0.0	36.2	34.6
5184	1660.0	-1200.0	4.0	0.0	36.1	34.5
5185	1680.0	-1200.0	4.0	0.0	35.9	34.4
5186	0.0	-1220.0	4.0	0.0	34.5	34.4
5187	20.0	-1220.0	4.0	0.0	34.8	34.6
5188	40.0	-1220.0	4.0	0.0	35.0	34.9
5189	60.0	-1220.0	4.0	0.0	35.3	35.2
5190	80.0	-1220.0	4.0	0.0	35.6	35.5
5191	100.0	-1220.0	4.0	0.0	35.9	35.8
5192	120.0	-1220.0	4.0	0.0	34.8	34.7
5193	140.0	-1220.0	4.0	0.0	35.2	35.0
5194	160.0	-1220.0	4.0	0.0	35.6	35.4
5195	180.0	-1220.0	4.0	0.0	36.8	36.6
5196	200.0	-1220.0	4.0	0.0	37.8	37.7
5197	220.0	-1220.0	4.0	0.0	38.2	38.1
5198	240.0	-1220.0	4.0	0.0	38.7	38.6
5199	260.0	-1220.0	4.0	0.0	39.2	39.1
5200	280.0	-1220.0	4.0	0.0	39.4	39.3
5201	300.0	-1220.0	4.0	0.0	39.7	39.6
5202	320.0	-1220.0	4.0	0.0	40.1	40.0
5203	340.0	-1220.0	4.0	0.0	40.0	39.9
5204	360.0	-1220.0	4.0	0.0	40.4	40.3
5205	380.0	-1220.0	4.0	0.0	40.9	40.8
5206	400.0	-1220.0	4.0	0.0	41.4	41.3
5207	420.0	-1220.0	4.0	0.0	41.9	41.8
5208	440.0	-1220.0	4.0	0.0	43.1	43.0
5209	460.0	-1220.0	4.0	0.0	42.8	42.7
5210	480.0	-1220.0	4.0	0.0	44.0	43.9
5211	500.0	-1220.0	4.0	0.0	43.8	43.7
5212	520.0	-1220.0	4.0	0.0	44.2	44.1
5213	540.0	-1220.0	4.0	0.0	44.7	44.6

5214	560.0	-1220.0	4.0	0.0	47.8	47.8
5215	580.0	-1220.0	4.0	0.0	49.3	49.3
5216	600.0	-1220.0	4.0	0.0	49.9	49.8
5217	620.0	-1220.0	4.0	0.0	50.4	50.3
5218	640.0	-1220.0	4.0	0.0	50.5	50.4
5219	660.0	-1220.0	4.0	0.0	50.0	49.9
5220	680.0	-1220.0	4.0	0.0	50.2	50.2
5221	700.0	-1220.0	4.0	0.0	50.3	50.3
5222	720.0	-1220.0	4.0	0.0	50.3	50.2
5223	740.0	-1220.0	4.0	0.0	50.2	50.1
5224	760.0	-1220.0	4.0	0.0	51.3	51.2
5225	780.0	-1220.0	4.0	0.0	51.0	50.9
5226	800.0	-1220.0	4.0	0.0	50.6	50.5
5227	820.0	-1220.0	4.0	0.0	50.2	50.1
5228	840.0	-1220.0	4.0	0.0	49.9	49.7
5229	860.0	-1220.0	4.0	0.0	49.5	49.3
5230	880.0	-1220.0	4.0	0.0	49.2	48.9
5231	900.0	-1220.0	4.0	0.0	48.8	48.5
5232	920.0	-1220.0	4.0	0.0	48.4	48.1
5233	940.0	-1220.0	4.0	0.0	48.0	47.6
5234	960.0	-1220.0	4.0	0.0	47.5	47.0
5235	980.0	-1220.0	4.0	0.0	46.9	46.4
5236	1000.0	-1220.0	4.0	0.0	46.9	45.7
5237	1020.0	-1220.0	4.0	0.0	46.2	45.0
5238	1040.0	-1220.0	4.0	0.0	46.3	44.4
5239	1060.0	-1220.0	4.0	0.0	45.9	43.7
5240	1080.0	-1220.0	4.0	0.0	45.5	43.2
5241	1100.0	-1220.0	4.0	0.0	45.0	42.7
5242	1120.0	-1220.0	4.0	0.0	44.5	42.2
5243	1140.0	-1220.0	4.0	0.0	44.1	41.7
5244	1160.0	-1220.0	4.0	0.0	43.6	41.3
5245	1180.0	-1220.0	4.0	0.0	43.2	40.9
5246	1200.0	-1220.0	4.0	0.0	42.8	40.5
5247	1220.0	-1220.0	4.0	0.0	42.3	40.1
5248	1240.0	-1220.0	4.0	0.0	41.9	39.7
5249	1260.0	-1220.0	4.0	0.0	41.5	39.3
5250	1280.0	-1220.0	4.0	0.0	41.2	39.0
5251	1300.0	-1220.0	4.0	0.0	40.8	38.7
5252	1320.0	-1220.0	4.0	0.0	40.5	38.4
5253	1340.0	-1220.0	4.0	0.0	40.1	38.1
5254	1360.0	-1220.0	4.0	0.0	39.8	37.8
5255	1380.0	-1220.0	4.0	0.0	39.5	37.5
5256	1400.0	-1220.0	4.0	0.0	39.2	37.2
5257	1420.0	-1220.0	4.0	0.0	38.9	37.0
5258	1440.0	-1220.0	4.0	0.0	38.6	36.7
5259	1460.0	-1220.0	4.0	0.0	38.3	36.5
5260	1480.0	-1220.0	4.0	0.0	38.1	36.2
5261	1500.0	-1220.0	4.0	0.0	37.8	36.0
5262	1520.0	-1220.0	4.0	0.0	37.6	35.9
5263	1540.0	-1220.0	4.0	0.0	37.4	35.7
5264	1560.0	-1220.0	4.0	0.0	37.2	35.5
5265	1580.0	-1220.0	4.0	0.0	37.0	35.4
5266	1600.0	-1220.0	4.0	0.0	36.8	35.3
5267	1620.0	-1220.0	4.0	0.0	36.7	35.2
5268	1640.0	-1220.0	4.0	0.0	36.5	35.1
5269	1660.0	-1220.0	4.0	0.0	36.4	35.0
5270	1680.0	-1220.0	4.0	0.0	36.2	34.9
5271	0.0	-1240.0	4.0	0.0	34.5	34.4
5272	20.0	-1240.0	4.0	0.0	34.8	34.6
5273	40.0	-1240.0	4.0	0.0	33.6	33.4
5274	60.0	-1240.0	4.0	0.0	33.9	33.8
5275	80.0	-1240.0	4.0	0.0	34.3	34.1
5276	100.0	-1240.0	4.0	0.0	35.4	35.3
5277	120.0	-1240.0	4.0	0.0	36.4	36.3
5278	140.0	-1240.0	4.0	0.0	36.8	36.7
5279	160.0	-1240.0	4.0	0.0	37.2	37.1
5280	180.0	-1240.0	4.0	0.0	37.7	37.6
5281	200.0	-1240.0	4.0	0.0	38.1	38.0
5282	220.0	-1240.0	4.0	0.0	38.0	37.9
5283	240.0	-1240.0	4.0	0.0	38.4	38.3
5284	260.0	-1240.0	4.0	0.0	38.8	38.8
5285	280.0	-1240.0	4.0	0.0	38.7	38.6
5286	300.0	-1240.0	4.0	0.0	39.0	38.9
5287	320.0	-1240.0	4.0	0.0	39.4	39.3
5288	340.0	-1240.0	4.0	0.0	39.8	39.7
5289	360.0	-1240.0	4.0	0.0	40.3	40.2
5290	380.0	-1240.0	4.0	0.0	40.7	40.6
5291	400.0	-1240.0	4.0	0.0	41.1	41.0
5292	420.0	-1240.0	4.0	0.0	41.6	41.5
5293	440.0	-1240.0	4.0	0.0	42.7	42.6
5294	460.0	-1240.0	4.0	0.0	44.4	44.4
5295	480.0	-1240.0	4.0	0.0	46.6	46.6
5296	500.0	-1240.0	4.0	0.0	46.8	46.7
5297	520.0	-1240.0	4.0	0.0	47.2	47.2
5298	540.0	-1240.0	4.0	0.0	47.7	47.7

5299	560.0	-1240.0	4.0	0.0	48.2	48.1
5300	580.0	-1240.0	4.0	0.0	48.7	48.6
5301	600.0	-1240.0	4.0	0.0	49.1	49.1
5302	620.0	-1240.0	4.0	0.0	49.2	49.2
5303	640.0	-1240.0	4.0	0.0	49.2	49.1
5304	660.0	-1240.0	4.0	0.0	50.0	50.0
5305	680.0	-1240.0	4.0	0.0	50.6	50.6
5306	700.0	-1240.0	4.0	0.0	50.7	50.7
5307	720.0	-1240.0	4.0	0.0	50.7	50.6
5308	740.0	-1240.0	4.0	0.0	50.6	50.5
5309	760.0	-1240.0	4.0	0.0	50.4	50.3
5310	780.0	-1240.0	4.0	0.0	50.1	50.0
5311	800.0	-1240.0	4.0	0.0	49.8	49.7
5312	820.0	-1240.0	4.0	0.0	49.5	49.4
5313	840.0	-1240.0	4.0	0.0	49.2	49.0
5314	860.0	-1240.0	4.0	0.0	48.9	48.7
5315	880.0	-1240.0	4.0	0.0	48.5	48.3
5316	900.0	-1240.0	4.0	0.0	48.2	47.9
5317	920.0	-1240.0	4.0	0.0	47.8	47.5
5318	940.0	-1240.0	4.0	0.0	47.5	47.1
5319	960.0	-1240.0	4.0	0.0	47.1	46.7
5320	980.0	-1240.0	4.0	0.0	46.7	46.2
5321	1000.0	-1240.0	4.0	0.0	46.3	45.7
5322	1020.0	-1240.0	4.0	0.0	46.2	45.1
5323	1040.0	-1240.0	4.0	0.0	46.2	44.5
5324	1060.0	-1240.0	4.0	0.0	45.6	43.8
5325	1080.0	-1240.0	4.0	0.0	45.2	43.3
5326	1100.0	-1240.0	4.0	0.0	44.8	42.7
5327	1120.0	-1240.0	4.0	0.0	44.2	42.1
5328	1140.0	-1240.0	4.0	0.0	43.8	41.6
5329	1160.0	-1240.0	4.0	0.0	43.4	41.2
5330	1180.0	-1240.0	4.0	0.0	42.9	40.8
5331	1200.0	-1240.0	4.0	0.0	42.5	40.4
5332	1220.0	-1240.0	4.0	0.0	42.2	40.0
5333	1240.0	-1240.0	4.0	0.0	41.8	39.7
5334	1260.0	-1240.0	4.0	0.0	41.4	39.3
5335	1280.0	-1240.0	4.0	0.0	41.0	39.0
5336	1300.0	-1240.0	4.0	0.0	40.7	38.6
5337	1320.0	-1240.0	4.0	0.0	40.4	38.3
5338	1340.0	-1240.0	4.0	0.0	40.0	38.0
5339	1360.0	-1240.0	4.0	0.0	39.7	37.8
5340	1380.0	-1240.0	4.0	0.0	39.4	37.5
5341	1400.0	-1240.0	4.0	0.0	39.2	37.3
5342	1420.0	-1240.0	4.0	0.0	38.9	37.0
5343	1440.0	-1240.0	4.0	0.0	38.6	36.8
5344	1460.0	-1240.0	4.0	0.0	38.4	36.6
5345	1480.0	-1240.0	4.0	0.0	38.2	36.5
5346	1500.0	-1240.0	4.0	0.0	38.0	36.3
5347	1520.0	-1240.0	4.0	0.0	37.8	36.2
5348	1540.0	-1240.0	4.0	0.0	37.6	36.1
5349	1560.0	-1240.0	4.0	0.0	37.4	35.9
5350	1580.0	-1240.0	4.0	0.0	37.3	35.8
5351	1600.0	-1240.0	4.0	0.0	37.1	35.7
5352	1620.0	-1240.0	4.0	0.0	37.0	35.6
5353	1640.0	-1240.0	4.0	0.0	36.8	35.5
5354	1660.0	-1240.0	4.0	0.0	37.0	35.8
5355	1680.0	-1240.0	4.0	0.0	37.2	36.1
5356	0.0	-1260.0	4.0	0.0	33.1	32.9
5357	20.0	-1260.0	4.0	0.0	34.2	34.1
5358	40.0	-1260.0	4.0	0.0	34.6	34.4
5359	60.0	-1260.0	4.0	0.0	35.6	35.5
5360	80.0	-1260.0	4.0	0.0	35.9	35.8
5361	100.0	-1260.0	4.0	0.0	36.3	36.2
5362	120.0	-1260.0	4.0	0.0	36.7	36.6
5363	140.0	-1260.0	4.0	0.0	37.1	37.0
5364	160.0	-1260.0	4.0	0.0	36.9	36.8
5365	180.0	-1260.0	4.0	0.0	37.3	37.2
5366	200.0	-1260.0	4.0	0.0	37.7	37.6
5367	220.0	-1260.0	4.0	0.0	37.5	37.4
5368	240.0	-1260.0	4.0	0.0	37.8	37.7
5369	260.0	-1260.0	4.0	0.0	38.1	38.0
5370	280.0	-1260.0	4.0	0.0	38.5	38.4
5371	300.0	-1260.0	4.0	0.0	38.9	38.8
5372	320.0	-1260.0	4.0	0.0	40.1	39.9
5373	340.0	-1260.0	4.0	0.0	39.7	39.6
5374	360.0	-1260.0	4.0	0.0	40.1	39.9
5375	380.0	-1260.0	4.0	0.0	42.9	42.9
5376	400.0	-1260.0	4.0	0.0	44.2	44.1
5377	420.0	-1260.0	4.0	0.0	44.6	44.6
5378	440.0	-1260.0	4.0	0.0	45.1	45.0
5379	460.0	-1260.0	4.0	0.0	45.5	45.4
5380	480.0	-1260.0	4.0	0.0	45.9	45.8
5381	500.0	-1260.0	4.0	0.0	46.4	46.3
5382	520.0	-1260.0	4.0	0.0	46.8	46.7
5383	540.0	-1260.0	4.0	0.0	47.2	47.2

5384	560.0	-1260.0	4.0	0.0	47.6	47.6
5385	580.0	-1260.0	4.0	0.0	50.0	49.9
5386	600.0	-1260.0	4.0	0.0	50.1	50.1
5387	620.0	-1260.0	4.0	0.0	50.0	49.9
5388	640.0	-1260.0	4.0	0.0	49.7	49.6
5389	660.0	-1260.0	4.0	0.0	49.5	49.5
5390	680.0	-1260.0	4.0	0.0	49.7	49.6
5391	700.0	-1260.0	4.0	0.0	49.8	49.7
5392	720.0	-1260.0	4.0	0.0	49.8	49.7
5393	740.0	-1260.0	4.0	0.0	49.7	49.6
5394	760.0	-1260.0	4.0	0.0	49.5	49.4
5395	780.0	-1260.0	4.0	0.0	49.3	49.2
5396	800.0	-1260.0	4.0	0.0	49.1	49.0
5397	820.0	-1260.0	4.0	0.0	48.8	48.7
5398	840.0	-1260.0	4.0	0.0	48.5	48.4
5399	860.0	-1260.0	4.0	0.0	48.2	48.1
5400	880.0	-1260.0	4.0	0.0	47.9	47.7
5401	900.0	-1260.0	4.0	0.0	47.6	47.4
5402	920.0	-1260.0	4.0	0.0	47.3	47.0
5403	940.0	-1260.0	4.0	0.0	46.9	46.6
5404	960.0	-1260.0	4.0	0.0	46.6	46.2
5405	980.0	-1260.0	4.0	0.0	46.2	45.8
5406	1000.0	-1260.0	4.0	0.0	45.9	45.4
5407	1020.0	-1260.0	4.0	0.0	45.9	45.0
5408	1040.0	-1260.0	4.0	0.0	46.0	44.6
5409	1060.0	-1260.0	4.0	0.0	45.5	44.0
5410	1080.0	-1260.0	4.0	0.0	45.2	43.5
5411	1100.0	-1260.0	4.0	0.0	44.6	42.9
5412	1120.0	-1260.0	4.0	0.0	44.1	42.3
5413	1140.0	-1260.0	4.0	0.0	43.7	41.8
5414	1160.0	-1260.0	4.0	0.0	43.2	41.3
5415	1180.0	-1260.0	4.0	0.0	42.8	40.8
5416	1200.0	-1260.0	4.0	0.0	42.4	40.4
5417	1220.0	-1260.0	4.0	0.0	42.0	40.0
5418	1240.0	-1260.0	4.0	0.0	41.6	39.6
5419	1260.0	-1260.0	4.0	0.0	41.3	39.3
5420	1280.0	-1260.0	4.0	0.0	40.9	38.9
5421	1300.0	-1260.0	4.0	0.0	40.6	38.6
5422	1320.0	-1260.0	4.0	0.0	40.3	38.3
5423	1340.0	-1260.0	4.0	0.0	40.0	38.1
5424	1360.0	-1260.0	4.0	0.0	39.7	37.8
5425	1380.0	-1260.0	4.0	0.0	39.5	37.6
5426	1400.0	-1260.0	4.0	0.0	39.2	37.5
5427	1420.0	-1260.0	4.0	0.0	39.0	37.3
5428	1440.0	-1260.0	4.0	0.0	38.8	37.1
5429	1460.0	-1260.0	4.0	0.0	38.6	37.0
5430	1480.0	-1260.0	4.0	0.0	38.4	36.9
5431	1500.0	-1260.0	4.0	0.0	38.2	36.8
5432	1520.0	-1260.0	4.0	0.0	38.1	36.7
5433	1540.0	-1260.0	4.0	0.0	37.9	36.5
5434	1560.0	-1260.0	4.0	0.0	37.8	36.5
5435	1580.0	-1260.0	4.0	0.0	38.2	37.2
5436	1600.0	-1260.0	4.0	0.0	38.0	37.0
5437	1620.0	-1260.0	4.0	0.0	37.9	36.8
5438	1640.0	-1260.0	4.0	0.0	37.7	36.6
5439	1660.0	-1260.0	4.0	0.0	37.5	36.5
5440	1680.0	-1260.0	4.0	0.0	37.3	36.3
5441	0.0	-1280.0	4.0	0.0	34.8	34.6
5442	20.0	-1280.0	4.0	0.0	35.1	35.0
5443	40.0	-1280.0	4.0	0.0	35.5	35.4
5444	60.0	-1280.0	4.0	0.0	35.9	35.8
5445	80.0	-1280.0	4.0	0.0	36.2	36.1
5446	100.0	-1280.0	4.0	0.0	36.0	35.9
5447	120.0	-1280.0	4.0	0.0	36.3	36.2
5448	140.0	-1280.0	4.0	0.0	36.7	36.6
5449	160.0	-1280.0	4.0	0.0	36.4	36.3
5450	180.0	-1280.0	4.0	0.0	36.7	36.6
5451	200.0	-1280.0	4.0	0.0	37.0	36.9
5452	220.0	-1280.0	4.0	0.0	37.4	37.2
5453	240.0	-1280.0	4.0	0.0	37.7	37.5
5454	260.0	-1280.0	4.0	0.0	38.0	37.9
5455	280.0	-1280.0	4.0	0.0	38.4	38.3
5456	300.0	-1280.0	4.0	0.0	40.7	40.6
5457	320.0	-1280.0	4.0	0.0	41.6	41.5
5458	340.0	-1280.0	4.0	0.0	42.4	42.3
5459	360.0	-1280.0	4.0	0.0	42.8	42.7
5460	380.0	-1280.0	4.0	0.0	43.5	43.5
5461	400.0	-1280.0	4.0	0.0	43.9	43.9
5462	420.0	-1280.0	4.0	0.0	44.7	44.6
5463	440.0	-1280.0	4.0	0.0	44.7	44.7
5464	460.0	-1280.0	4.0	0.0	45.1	45.1
5465	480.0	-1280.0	4.0	0.0	45.5	45.5
5466	500.0	-1280.0	4.0	0.0	47.8	47.8
5467	520.0	-1280.0	4.0	0.0	48.2	48.2
5468	540.0	-1280.0	4.0	0.0	48.6	48.6

5469	560.0	-1280.0	4.0	0.0	49.0	49.0
5470	580.0	-1280.0	4.0	0.0	49.4	49.4
5471	600.0	-1280.0	4.0	0.0	48.9	48.9
5472	620.0	-1280.0	4.0	0.0	48.6	48.6
5473	640.0	-1280.0	4.0	0.0	48.5	48.5
5474	660.0	-1280.0	4.0	0.0	48.7	48.7
5475	680.0	-1280.0	4.0	0.0	48.9	48.8
5476	700.0	-1280.0	4.0	0.0	48.9	48.8
5477	720.0	-1280.0	4.0	0.0	48.9	48.8
5478	740.0	-1280.0	4.0	0.0	48.9	48.8
5479	760.0	-1280.0	4.0	0.0	48.7	48.7
5480	780.0	-1280.0	4.0	0.0	48.6	48.5
5481	800.0	-1280.0	4.0	0.0	48.4	48.3
5482	820.0	-1280.0	4.0	0.0	48.1	48.0
5483	840.0	-1280.0	4.0	0.0	47.9	47.7
5484	860.0	-1280.0	4.0	0.0	47.6	47.4
5485	880.0	-1280.0	4.0	0.0	47.3	47.1
5486	900.0	-1280.0	4.0	0.0	47.1	46.8
5487	920.0	-1280.0	4.0	0.0	46.7	46.5
5488	940.0	-1280.0	4.0	0.0	46.4	46.1
5489	960.0	-1280.0	4.0	0.0	46.1	45.8
5490	980.0	-1280.0	4.0	0.0	45.7	45.4
5491	1000.0	-1280.0	4.0	0.0	45.5	45.0
5492	1020.0	-1280.0	4.0	0.0	45.6	44.7
5493	1040.0	-1280.0	4.0	0.0	45.3	44.4
5494	1060.0	-1280.0	4.0	0.0	45.3	44.0
5495	1080.0	-1280.0	4.0	0.0	45.0	43.6
5496	1100.0	-1280.0	4.0	0.0	44.6	43.1
5497	1120.0	-1280.0	4.0	0.0	44.1	42.5
5498	1140.0	-1280.0	4.0	0.0	43.7	42.0
5499	1160.0	-1280.0	4.0	0.0	43.1	41.4
5500	1180.0	-1280.0	4.0	0.0	42.8	41.0
5501	1200.0	-1280.0	4.0	0.0	42.4	40.6
5502	1220.0	-1280.0	4.0	0.0	41.9	40.0
5503	1240.0	-1280.0	4.0	0.0	41.5	39.6
5504	1260.0	-1280.0	4.0	0.0	41.2	39.3
5505	1280.0	-1280.0	4.0	0.0	40.8	39.0
5506	1300.0	-1280.0	4.0	0.0	40.5	38.7
5507	1320.0	-1280.0	4.0	0.0	40.3	38.5
5508	1340.0	-1280.0	4.0	0.0	40.0	38.3
5509	1360.0	-1280.0	4.0	0.0	39.8	38.1
5510	1380.0	-1280.0	4.0	0.0	39.6	38.0
5511	1400.0	-1280.0	4.0	0.0	39.4	37.9
5512	1420.0	-1280.0	4.0	0.0	39.3	37.7
5513	1440.0	-1280.0	4.0	0.0	39.1	37.6
5514	1460.0	-1280.0	4.0	0.0	38.9	37.5
5515	1480.0	-1280.0	4.0	0.0	38.9	37.6
5516	1500.0	-1280.0	4.0	0.0	39.2	38.1
5517	1520.0	-1280.0	4.0	0.0	39.0	37.9
5518	1540.0	-1280.0	4.0	0.0	38.8	37.7
5519	1560.0	-1280.0	4.0	0.0	38.6	37.5
5520	1580.0	-1280.0	4.0	0.0	38.4	37.3
5521	1600.0	-1280.0	4.0	0.0	38.2	37.2
5522	1620.0	-1280.0	4.0	0.0	38.0	37.0
5523	1640.0	-1280.0	4.0	0.0	37.8	36.8
5524	1660.0	-1280.0	4.0	0.0	37.6	36.6
5525	1680.0	-1280.0	4.0	0.0	37.8	37.0
5526	0.0	-1300.0	4.0	0.0	35.0	34.9
5527	20.0	-1300.0	4.0	0.0	35.2	35.1
5528	40.0	-1300.0	4.0	0.0	35.1	35.0
5529	60.0	-1300.0	4.0	0.0	35.5	35.3
5530	80.0	-1300.0	4.0	0.0	35.8	35.7
5531	100.0	-1300.0	4.0	0.0	35.7	35.5
5532	120.0	-1300.0	4.0	0.0	35.7	35.6
5533	140.0	-1300.0	4.0	0.0	36.0	35.9
5534	160.0	-1300.0	4.0	0.0	36.3	36.1
5535	180.0	-1300.0	4.0	0.0	36.6	36.4
5536	200.0	-1300.0	4.0	0.0	37.7	37.5
5537	220.0	-1300.0	4.0	0.0	39.2	39.1
5538	240.0	-1300.0	4.0	0.0	39.5	39.4
5539	260.0	-1300.0	4.0	0.0	39.9	39.8
5540	280.0	-1300.0	4.0	0.0	40.2	40.1
5541	300.0	-1300.0	4.0	0.0	41.0	40.9
5542	320.0	-1300.0	4.0	0.0	41.4	41.3
5543	340.0	-1300.0	4.0	0.0	42.2	42.1
5544	360.0	-1300.0	4.0	0.0	42.9	42.9
5545	380.0	-1300.0	4.0	0.0	43.3	43.2
5546	400.0	-1300.0	4.0	0.0	44.4	44.3
5547	420.0	-1300.0	4.0	0.0	45.9	45.8
5548	440.0	-1300.0	4.0	0.0	46.3	46.2
5549	460.0	-1300.0	4.0	0.0	46.6	46.6
5550	480.0	-1300.0	4.0	0.0	47.0	47.0
5551	500.0	-1300.0	4.0	0.0	47.4	47.4
5552	520.0	-1300.0	4.0	0.0	47.8	47.7
5553	540.0	-1300.0	4.0	0.0	48.1	48.1

5554	560.0	-1300.0	4.0	0.0	48.5	48.4
5555	580.0	-1300.0	4.0	0.0	48.6	48.5
5556	600.0	-1300.0	4.0	0.0	47.7	47.6
5557	620.0	-1300.0	4.0	0.0	47.5	47.5
5558	640.0	-1300.0	4.0	0.0	47.8	47.7
5559	660.0	-1300.0	4.0	0.0	48.0	47.9
5560	680.0	-1300.0	4.0	0.0	48.1	48.0
5561	700.0	-1300.0	4.0	0.0	48.1	48.1
5562	720.0	-1300.0	4.0	0.0	48.1	48.1
5563	740.0	-1300.0	4.0	0.0	48.1	48.0
5564	760.0	-1300.0	4.0	0.0	48.0	47.9
5565	780.0	-1300.0	4.0	0.0	47.9	47.8
5566	800.0	-1300.0	4.0	0.0	47.7	47.6
5567	820.0	-1300.0	4.0	0.0	47.5	47.4
5568	840.0	-1300.0	4.0	0.0	47.3	47.1
5569	860.0	-1300.0	4.0	0.0	47.1	46.9
5570	880.0	-1300.0	4.0	0.0	46.8	46.6
5571	900.0	-1300.0	4.0	0.0	46.5	46.3
5572	920.0	-1300.0	4.0	0.0	46.3	46.0
5573	940.0	-1300.0	4.0	0.0	46.0	45.7
5574	960.0	-1300.0	4.0	0.0	45.7	45.4
5575	980.0	-1300.0	4.0	0.0	45.4	45.1
5576	1000.0	-1300.0	4.0	0.0	45.1	44.7
5577	1020.0	-1300.0	4.0	0.0	45.2	44.4
5578	1040.0	-1300.0	4.0	0.0	44.9	44.2
5579	1060.0	-1300.0	4.0	0.0	45.1	43.8
5580	1080.0	-1300.0	4.0	0.0	44.4	43.5
5581	1100.0	-1300.0	4.0	0.0	44.4	43.0
5582	1120.0	-1300.0	4.0	0.0	44.1	42.6
5583	1140.0	-1300.0	4.0	0.0	43.5	42.0
5584	1160.0	-1300.0	4.0	0.0	43.2	41.6
5585	1180.0	-1300.0	4.0	0.0	42.7	41.1
5586	1200.0	-1300.0	4.0	0.0	42.3	40.6
5587	1220.0	-1300.0	4.0	0.0	41.9	40.2
5588	1240.0	-1300.0	4.0	0.0	41.6	39.9
5589	1260.0	-1300.0	4.0	0.0	41.2	39.4
5590	1280.0	-1300.0	4.0	0.0	40.9	39.2
5591	1300.0	-1300.0	4.0	0.0	40.6	39.0
5592	1320.0	-1300.0	4.0	0.0	40.4	38.8
5593	1340.0	-1300.0	4.0	0.0	40.3	38.7
5594	1360.0	-1300.0	4.0	0.0	40.1	38.6
5595	1380.0	-1300.0	4.0	0.0	39.9	38.4
5596	1400.0	-1300.0	4.0	0.0	39.9	38.5
5597	1420.0	-1300.0	4.0	0.0	40.2	39.0
5598	1440.0	-1300.0	4.0	0.0	39.9	38.8
5599	1460.0	-1300.0	4.0	0.0	39.7	38.6
5600	1480.0	-1300.0	4.0	0.0	39.5	38.4
5601	1500.0	-1300.0	4.0	0.0	39.3	38.3
5602	1520.0	-1300.0	4.0	0.0	39.1	38.1
5603	1540.0	-1300.0	4.0	0.0	38.9	37.9
5604	1560.0	-1300.0	4.0	0.0	38.7	37.7
5605	1580.0	-1300.0	4.0	0.0	38.4	37.5
5606	1600.0	-1300.0	4.0	0.0	38.8	38.0
5607	1620.0	-1300.0	4.0	0.0	38.6	37.7
5608	1640.0	-1300.0	4.0	0.0	38.3	37.5
5609	1660.0	-1300.0	4.0	0.0	38.1	37.3
5610	1680.0	-1300.0	4.0	0.0	37.9	37.1
5611	0.0	-1320.0	4.0	0.0	34.6	34.5
5612	20.0	-1320.0	4.0	0.0	34.9	34.8
5613	40.0	-1320.0	4.0	0.0	34.8	34.7
5614	60.0	-1320.0	4.0	0.0	34.8	34.7
5615	80.0	-1320.0	4.0	0.0	35.1	34.9
5616	100.0	-1320.0	4.0	0.0	35.4	35.2
5617	120.0	-1320.0	4.0	0.0	37.1	37.0
5618	140.0	-1320.0	4.0	0.0	37.9	37.8
5619	160.0	-1320.0	4.0	0.0	38.2	38.0
5620	180.0	-1320.0	4.0	0.0	38.4	38.3
5621	200.0	-1320.0	4.0	0.0	38.7	38.6
5622	220.0	-1320.0	4.0	0.0	39.1	39.0
5623	240.0	-1320.0	4.0	0.0	39.4	39.3
5624	260.0	-1320.0	4.0	0.0	39.7	39.6
5625	280.0	-1320.0	4.0	0.0	40.0	39.9
5626	300.0	-1320.0	4.0	0.0	41.3	41.2
5627	320.0	-1320.0	4.0	0.0	42.4	42.3
5628	340.0	-1320.0	4.0	0.0	43.7	43.6
5629	360.0	-1320.0	4.0	0.0	44.0	43.9
5630	380.0	-1320.0	4.0	0.0	44.3	44.3
5631	400.0	-1320.0	4.0	0.0	45.2	45.2
5632	420.0	-1320.0	4.0	0.0	45.6	45.5
5633	440.0	-1320.0	4.0	0.0	45.9	45.9
5634	460.0	-1320.0	4.0	0.0	46.3	46.3
5635	480.0	-1320.0	4.0	0.0	46.6	46.6
5636	500.0	-1320.0	4.0	0.0	47.0	47.0
5637	520.0	-1320.0	4.0	0.0	47.3	47.3
5638	540.0	-1320.0	4.0	0.0	47.7	47.6

5639	560.0	-1320.0	4.0	0.0	47.7	47.7
5640	580.0	-1320.0	4.0	0.0	47.5	47.4
5641	600.0	-1320.0	4.0	0.0	47.0	47.0
5642	620.0	-1320.0	4.0	0.0	46.9	46.8
5643	640.0	-1320.0	4.0	0.0	47.1	47.0
5644	660.0	-1320.0	4.0	0.0	47.3	47.2
5645	680.0	-1320.0	4.0	0.0	47.4	47.3
5646	700.0	-1320.0	4.0	0.0	47.4	47.3
5647	720.0	-1320.0	4.0	0.0	47.4	47.3
5648	740.0	-1320.0	4.0	0.0	47.4	47.3
5649	760.0	-1320.0	4.0	0.0	47.3	47.2
5650	780.0	-1320.0	4.0	0.0	47.3	47.1
5651	800.0	-1320.0	4.0	0.0	47.1	47.0
5652	820.0	-1320.0	4.0	0.0	46.9	46.8
5653	840.0	-1320.0	4.0	0.0	46.7	46.6
5654	860.0	-1320.0	4.0	0.0	46.5	46.3
5655	880.0	-1320.0	4.0	0.0	46.3	46.1
5656	900.0	-1320.0	4.0	0.0	46.1	45.9
5657	920.0	-1320.0	4.0	0.0	45.8	45.6
5658	940.0	-1320.0	4.0	0.0	45.5	45.3
5659	960.0	-1320.0	4.0	0.0	45.3	45.0
5660	980.0	-1320.0	4.0	0.0	44.9	44.6
5661	1000.0	-1320.0	4.0	0.0	44.7	44.3
5662	1020.0	-1320.0	4.0	0.0	44.8	44.0
5663	1040.0	-1320.0	4.0	0.0	44.5	43.7
5664	1060.0	-1320.0	4.0	0.0	44.7	43.5
5665	1080.0	-1320.0	4.0	0.0	44.4	43.2
5666	1100.0	-1320.0	4.0	0.0	44.1	42.9
5667	1120.0	-1320.0	4.0	0.0	43.8	42.4
5668	1140.0	-1320.0	4.0	0.0	43.5	42.1
5669	1160.0	-1320.0	4.0	0.0	43.2	41.8
5670	1180.0	-1320.0	4.0	0.0	42.7	41.3
5671	1200.0	-1320.0	4.0	0.0	42.4	41.0
5672	1220.0	-1320.0	4.0	0.0	42.1	40.7
5673	1240.0	-1320.0	4.0	0.0	41.7	40.2
5674	1260.0	-1320.0	4.0	0.0	41.4	40.0
5675	1280.0	-1320.0	4.0	0.0	41.2	39.8
5676	1300.0	-1320.0	4.0	0.0	41.0	39.6
5677	1320.0	-1320.0	4.0	0.0	41.4	40.2
5678	1340.0	-1320.0	4.0	0.0	41.1	40.0
5679	1360.0	-1320.0	4.0	0.0	40.9	39.8
5680	1380.0	-1320.0	4.0	0.0	40.7	39.6
5681	1400.0	-1320.0	4.0	0.0	40.4	39.4
5682	1420.0	-1320.0	4.0	0.0	40.2	39.2
5683	1440.0	-1320.0	4.0	0.0	40.0	39.0
5684	1460.0	-1320.0	4.0	0.0	39.8	38.8
5685	1480.0	-1320.0	4.0	0.0	39.6	38.6
5686	1500.0	-1320.0	4.0	0.0	39.5	38.5
5687	1520.0	-1320.0	4.0	0.0	39.7	38.8
5688	1540.0	-1320.0	4.0	0.0	39.4	38.6
5689	1560.0	-1320.0	4.0	0.0	39.2	38.4
5690	1580.0	-1320.0	4.0	0.0	38.9	38.1
5691	1600.0	-1320.0	4.0	0.0	38.7	37.9
5692	1620.0	-1320.0	4.0	0.0	38.5	37.7
5693	1640.0	-1320.0	4.0	0.0	38.2	37.4
5694	1660.0	-1320.0	4.0	0.0	38.0	37.2
5695	1680.0	-1320.0	4.0	0.0	37.8	37.0
5696	0.0	-1340.0	4.0	0.0	34.0	33.8
5697	20.0	-1340.0	4.0	0.0	34.2	34.1
5698	40.0	-1340.0	4.0	0.0	35.9	35.8
5699	60.0	-1340.0	4.0	0.0	36.7	36.6
5700	80.0	-1340.0	4.0	0.0	37.0	36.9
5701	100.0	-1340.0	4.0	0.0	37.2	37.1
5702	120.0	-1340.0	4.0	0.0	37.5	37.4
5703	140.0	-1340.0	4.0	0.0	37.7	37.6
5704	160.0	-1340.0	4.0	0.0	38.0	37.9
5705	180.0	-1340.0	4.0	0.0	38.3	38.2
5706	200.0	-1340.0	4.0	0.0	38.6	38.5
5707	220.0	-1340.0	4.0	0.0	38.9	38.8
5708	240.0	-1340.0	4.0	0.0	40.5	40.4
5709	260.0	-1340.0	4.0	0.0	40.8	40.7
5710	280.0	-1340.0	4.0	0.0	41.1	41.0
5711	300.0	-1340.0	4.0	0.0	42.2	42.1
5712	320.0	-1340.0	4.0	0.0	42.5	42.4
5713	340.0	-1340.0	4.0	0.0	42.8	42.7
5714	360.0	-1340.0	4.0	0.0	43.7	43.7
5715	380.0	-1340.0	4.0	0.0	44.1	44.0
5716	400.0	-1340.0	4.0	0.0	45.0	44.9
5717	420.0	-1340.0	4.0	0.0	45.3	45.2
5718	440.0	-1340.0	4.0	0.0	45.6	45.6
5719	460.0	-1340.0	4.0	0.0	45.9	45.9
5720	480.0	-1340.0	4.0	0.0	46.3	46.2
5721	500.0	-1340.0	4.0	0.0	46.6	46.6
5722	520.0	-1340.0	4.0	0.0	46.9	46.9
5723	540.0	-1340.0	4.0	0.0	46.9	46.9

5724	560.0	-1340.0	4.0	0.0	46.7	46.6
5725	580.0	-1340.0	4.0	0.0	46.2	46.2
5726	600.0	-1340.0	4.0	0.0	46.1	46.0
5727	620.0	-1340.0	4.0	0.0	46.3	46.2
5728	640.0	-1340.0	4.0	0.0	46.5	46.4
5729	660.0	-1340.0	4.0	0.0	46.6	46.5
5730	680.0	-1340.0	4.0	0.0	46.7	46.6
5731	700.0	-1340.0	4.0	0.0	46.8	46.7
5732	720.0	-1340.0	4.0	0.0	46.8	46.7
5733	740.0	-1340.0	4.0	0.0	46.8	46.7
5734	760.0	-1340.0	4.0	0.0	46.7	46.6
5735	780.0	-1340.0	4.0	0.0	46.7	46.5
5736	800.0	-1340.0	4.0	0.0	46.5	46.4
5737	820.0	-1340.0	4.0	0.0	46.4	46.2
5738	840.0	-1340.0	4.0	0.0	46.2	46.1
5739	860.0	-1340.0	4.0	0.0	46.0	45.8
5740	880.0	-1340.0	4.0	0.0	45.8	45.6
5741	900.0	-1340.0	4.0	0.0	45.6	45.4
5742	920.0	-1340.0	4.0	0.0	45.3	45.1
5743	940.0	-1340.0	4.0	0.0	45.1	44.8
5744	960.0	-1340.0	4.0	0.0	44.8	44.5
5745	980.0	-1340.0	4.0	0.0	44.6	44.2
5746	1000.0	-1340.0	4.0	0.0	44.3	43.9
5747	1020.0	-1340.0	4.0	0.0	44.4	43.7
5748	1040.0	-1340.0	4.0	0.0	44.6	43.4
5749	1060.0	-1340.0	4.0	0.0	43.9	43.2
5750	1080.0	-1340.0	4.0	0.0	44.0	42.9
5751	1100.0	-1340.0	4.0	0.0	43.8	42.7
5752	1120.0	-1340.0	4.0	0.0	43.6	42.4
5753	1140.0	-1340.0	4.0	0.0	43.4	42.2
5754	1160.0	-1340.0	4.0	0.0	43.1	41.9
5755	1180.0	-1340.0	4.0	0.0	42.9	41.7
5756	1200.0	-1340.0	4.0	0.0	42.7	41.5
5757	1220.0	-1340.0	4.0	0.0	42.3	41.0
5758	1240.0	-1340.0	4.0	0.0	42.5	41.4
5759	1260.0	-1340.0	4.0	0.0	42.2	41.1
5760	1280.0	-1340.0	4.0	0.0	41.9	40.8
5761	1300.0	-1340.0	4.0	0.0	41.6	40.5
5762	1320.0	-1340.0	4.0	0.0	41.4	40.3
5763	1340.0	-1340.0	4.0	0.0	41.2	40.1
5764	1360.0	-1340.0	4.0	0.0	41.0	39.9
5765	1380.0	-1340.0	4.0	0.0	40.8	39.8
5766	1400.0	-1340.0	4.0	0.0	40.5	39.5
5767	1420.0	-1340.0	4.0	0.0	40.7	39.8
5768	1440.0	-1340.0	4.0	0.0	40.6	39.7
5769	1460.0	-1340.0	4.0	0.0	40.3	39.5
5770	1480.0	-1340.0	4.0	0.0	40.1	39.2
5771	1500.0	-1340.0	4.0	0.0	39.8	39.0
5772	1520.0	-1340.0	4.0	0.0	39.6	38.7
5773	1540.0	-1340.0	4.0	0.0	39.3	38.5
5774	1560.0	-1340.0	4.0	0.0	39.1	38.3
5775	1580.0	-1340.0	4.0	0.0	38.9	38.0
5776	1600.0	-1340.0	4.0	0.0	38.6	37.8
5777	1620.0	-1340.0	4.0	0.0	38.4	37.6
5778	1640.0	-1340.0	4.0	0.0	38.2	37.4
5779	1660.0	-1340.0	4.0	0.0	38.0	37.2
5780	1680.0	-1340.0	4.0	0.0	37.7	36.9
5781	0.0	-1360.0	4.0	0.0	35.9	35.8
5782	20.0	-1360.0	4.0	0.0	36.1	36.0
5783	40.0	-1360.0	4.0	0.0	36.3	36.2
5784	60.0	-1360.0	4.0	0.0	36.6	36.5
5785	80.0	-1360.0	4.0	0.0	36.8	36.7
5786	100.0	-1360.0	4.0	0.0	37.1	37.0
5787	120.0	-1360.0	4.0	0.0	37.3	37.2
5788	140.0	-1360.0	4.0	0.0	37.7	37.5
5789	160.0	-1360.0	4.0	0.0	39.2	39.1
5790	180.0	-1360.0	4.0	0.0	39.5	39.4
5791	200.0	-1360.0	4.0	0.0	39.7	39.7
5792	220.0	-1360.0	4.0	0.0	40.0	39.9
5793	240.0	-1360.0	4.0	0.0	40.3	40.2
5794	260.0	-1360.0	4.0	0.0	40.6	40.5
5795	280.0	-1360.0	4.0	0.0	40.9	40.8
5796	300.0	-1360.0	4.0	0.0	41.2	41.1
5797	320.0	-1360.0	4.0	0.0	42.2	42.2
5798	340.0	-1360.0	4.0	0.0	42.5	42.5
5799	360.0	-1360.0	4.0	0.0	43.5	43.4
5800	380.0	-1360.0	4.0	0.0	43.8	43.7
5801	400.0	-1360.0	4.0	0.0	44.7	44.6
5802	420.0	-1360.0	4.0	0.0	45.0	44.9
5803	440.0	-1360.0	4.0	0.0	45.3	45.2
5804	460.0	-1360.0	4.0	0.0	45.6	45.6
5805	480.0	-1360.0	4.0	0.0	45.9	45.9
5806	500.0	-1360.0	4.0	0.0	46.2	46.2
5807	520.0	-1360.0	4.0	0.0	46.2	46.2
5808	540.0	-1360.0	4.0	0.0	45.9	45.8

5809	560.0	-1360.0	4.0	0.0	45.5	45.4
5810	580.0	-1360.0	4.0	0.0	45.3	45.2
5811	600.0	-1360.0	4.0	0.0	45.6	45.5
5812	620.0	-1360.0	4.0	0.0	45.8	45.7
5813	640.0	-1360.0	4.0	0.0	45.9	45.9
5814	660.0	-1360.0	4.0	0.0	46.1	46.0
5815	680.0	-1360.0	4.0	0.0	46.1	46.1
5816	700.0	-1360.0	4.0	0.0	46.2	46.1
5817	720.0	-1360.0	4.0	0.0	46.2	46.1
5818	740.0	-1360.0	4.0	0.0	46.2	46.1
5819	760.0	-1360.0	4.0	0.0	46.2	46.1
5820	780.0	-1360.0	4.0	0.0	46.1	46.0
5821	800.0	-1360.0	4.0	0.0	46.0	45.8
5822	820.0	-1360.0	4.0	0.0	45.8	45.7
5823	840.0	-1360.0	4.0	0.0	45.7	45.5
5824	860.0	-1360.0	4.0	0.0	45.5	45.3
5825	880.0	-1360.0	4.0	0.0	45.3	45.1
5826	900.0	-1360.0	4.0	0.0	45.1	44.9
5827	920.0	-1360.0	4.0	0.0	44.9	44.6
5828	940.0	-1360.0	4.0	0.0	44.6	44.4
5829	960.0	-1360.0	4.0	0.0	44.4	44.1
5830	980.0	-1360.0	4.0	0.0	44.2	43.9
5831	1000.0	-1360.0	4.0	0.0	43.9	43.6
5832	1020.0	-1360.0	4.0	0.0	43.7	43.3
5833	1040.0	-1360.0	4.0	0.0	43.8	43.1
5834	1060.0	-1360.0	4.0	0.0	43.6	42.9
5835	1080.0	-1360.0	4.0	0.0	43.8	42.7
5836	1100.0	-1360.0	4.0	0.0	43.7	42.6
5837	1120.0	-1360.0	4.0	0.0	43.6	42.5
5838	1140.0	-1360.0	4.0	0.0	43.4	42.4
5839	1160.0	-1360.0	4.0	0.0	43.6	42.6
5840	1180.0	-1360.0	4.0	0.0	43.3	42.4
5841	1200.0	-1360.0	4.0	0.0	43.0	42.0
5842	1220.0	-1360.0	4.0	0.0	42.7	41.7
5843	1240.0	-1360.0	4.0	0.0	42.5	41.5
5844	1260.0	-1360.0	4.0	0.0	42.2	41.2
5845	1280.0	-1360.0	4.0	0.0	42.0	41.0
5846	1300.0	-1360.0	4.0	0.0	41.8	40.8
5847	1320.0	-1360.0	4.0	0.0	41.5	40.5
5848	1340.0	-1360.0	4.0	0.0	41.8	40.9
5849	1360.0	-1360.0	4.0	0.0	41.5	40.7
5850	1380.0	-1360.0	4.0	0.0	41.2	40.4
5851	1400.0	-1360.0	4.0	0.0	41.0	40.1
5852	1420.0	-1360.0	4.0	0.0	40.7	39.9
5853	1440.0	-1360.0	4.0	0.0	40.4	39.6
5854	1460.0	-1360.0	4.0	0.0	40.2	39.4
5855	1480.0	-1360.0	4.0	0.0	39.9	39.1
5856	1500.0	-1360.0	4.0	0.0	39.7	38.9
5857	1520.0	-1360.0	4.0	0.0	39.5	38.6
5858	1540.0	-1360.0	4.0	0.0	39.2	38.4
5859	1560.0	-1360.0	4.0	0.0	39.0	38.2
5860	1580.0	-1360.0	4.0	0.0	38.8	38.0
5861	1600.0	-1360.0	4.0	0.0	38.5	37.7
5862	1620.0	-1360.0	4.0	0.0	38.3	37.5
5863	1640.0	-1360.0	4.0	0.0	38.1	37.3
5864	1660.0	-1360.0	4.0	0.0	37.9	37.1
5865	1680.0	-1360.0	4.0	0.0	37.7	36.9
5866	0.0	-1380.0	4.0	0.0	35.7	35.6
5867	20.0	-1380.0	4.0	0.0	36.0	35.9
5868	40.0	-1380.0	4.0	0.0	36.3	36.2
5869	60.0	-1380.0	4.0	0.0	37.4	37.3
5870	80.0	-1380.0	4.0	0.0	38.0	37.9
5871	100.0	-1380.0	4.0	0.0	38.3	38.2
5872	120.0	-1380.0	4.0	0.0	38.5	38.4
5873	140.0	-1380.0	4.0	0.0	38.8	38.7
5874	160.0	-1380.0	4.0	0.0	39.0	38.9
5875	180.0	-1380.0	4.0	0.0	39.3	39.2
5876	200.0	-1380.0	4.0	0.0	39.6	39.5
5877	220.0	-1380.0	4.0	0.0	39.8	39.8
5878	240.0	-1380.0	4.0	0.0	40.1	40.0
5879	260.0	-1380.0	4.0	0.0	40.4	40.3
5880	280.0	-1380.0	4.0	0.0	40.7	40.6
5881	300.0	-1380.0	4.0	0.0	41.0	40.9
5882	320.0	-1380.0	4.0	0.0	42.0	41.9
5883	340.0	-1380.0	4.0	0.0	42.3	42.2
5884	360.0	-1380.0	4.0	0.0	43.2	43.2
5885	380.0	-1380.0	4.0	0.0	43.5	43.5
5886	400.0	-1380.0	4.0	0.0	44.4	44.3
5887	420.0	-1380.0	4.0	0.0	44.7	44.6
5888	440.0	-1380.0	4.0	0.0	45.0	44.9
5889	460.0	-1380.0	4.0	0.0	45.3	45.2
5890	480.0	-1380.0	4.0	0.0	45.5	45.5
5891	500.0	-1380.0	4.0	0.0	45.6	45.5
5892	520.0	-1380.0	4.0	0.0	45.3	45.2
5893	540.0	-1380.0	4.0	0.0	45.2	45.1

5894	560.0	-1380.0	4.0	0.0	45.1	45.0
5895	580.0	-1380.0	4.0	0.0	44.9	44.8
5896	600.0	-1380.0	4.0	0.0	45.1	45.0
5897	620.0	-1380.0	4.0	0.0	45.3	45.2
5898	640.0	-1380.0	4.0	0.0	45.4	45.3
5899	660.0	-1380.0	4.0	0.0	45.5	45.4
5900	680.0	-1380.0	4.0	0.0	45.6	45.5
5901	700.0	-1380.0	4.0	0.0	45.6	45.6
5902	720.0	-1380.0	4.0	0.0	45.7	45.6
5903	740.0	-1380.0	4.0	0.0	45.7	45.5
5904	760.0	-1380.0	4.0	0.0	45.6	45.5
5905	780.0	-1380.0	4.0	0.0	45.5	45.4
5906	800.0	-1380.0	4.0	0.0	45.4	45.3
5907	820.0	-1380.0	4.0	0.0	45.3	45.2
5908	840.0	-1380.0	4.0	0.0	45.2	45.0
5909	860.0	-1380.0	4.0	0.0	45.0	44.8
5910	880.0	-1380.0	4.0	0.0	44.8	44.6
5911	900.0	-1380.0	4.0	0.0	44.6	44.4
5912	920.0	-1380.0	4.0	0.0	44.4	44.2
5913	940.0	-1380.0	4.0	0.0	44.2	44.0
5914	960.0	-1380.0	4.0	0.0	44.0	43.7
5915	980.0	-1380.0	4.0	0.0	43.8	43.5
5916	1000.0	-1380.0	4.0	0.0	43.5	43.3
5917	1020.0	-1380.0	4.0	0.0	43.5	43.1
5918	1040.0	-1380.0	4.0	0.0	43.8	43.2
5919	1060.0	-1380.0	4.0	0.0	43.8	43.3
5920	1080.0	-1380.0	4.0	0.0	44.3	43.4
5921	1100.0	-1380.0	4.0	0.0	44.0	43.1
5922	1120.0	-1380.0	4.0	0.0	43.8	42.9
5923	1140.0	-1380.0	4.0	0.0	43.6	42.7
5924	1160.0	-1380.0	4.0	0.0	43.4	42.5
5925	1180.0	-1380.0	4.0	0.0	43.2	42.3
5926	1200.0	-1380.0	4.0	0.0	43.0	42.1
5927	1220.0	-1380.0	4.0	0.0	42.7	41.8
5928	1240.0	-1380.0	4.0	0.0	42.6	41.7
5929	1260.0	-1380.0	4.0	0.0	42.7	41.8
5930	1280.0	-1380.0	4.0	0.0	42.4	41.6
5931	1300.0	-1380.0	4.0	0.0	42.1	41.3
5932	1320.0	-1380.0	4.0	0.0	41.9	41.0
5933	1340.0	-1380.0	4.0	0.0	41.6	40.8
5934	1360.0	-1380.0	4.0	0.0	41.3	40.5
5935	1380.0	-1380.0	4.0	0.0	41.1	40.2
5936	1400.0	-1380.0	4.0	0.0	40.8	40.0
5937	1420.0	-1380.0	4.0	0.0	40.6	39.7
5938	1440.0	-1380.0	4.0	0.0	40.3	39.5
5939	1460.0	-1380.0	4.0	0.0	40.1	39.2
5940	1480.0	-1380.0	4.0	0.0	39.8	39.0
5941	1500.0	-1380.0	4.0	0.0	39.6	38.8
5942	1520.0	-1380.0	4.0	0.0	39.3	38.5
5943	1540.0	-1380.0	4.0	0.0	39.1	38.3
5944	1560.0	-1380.0	4.0	0.0	38.9	38.1
5945	1580.0	-1380.0	4.0	0.0	38.7	37.9
5946	1600.0	-1380.0	4.0	0.0	38.4	37.6
5947	1620.0	-1380.0	4.0	0.0	38.2	37.4
5948	1640.0	-1380.0	4.0	0.0	38.0	37.2
5949	1660.0	-1380.0	4.0	0.0	37.8	37.0
5950	1680.0	-1380.0	4.0	0.0	37.6	36.8
5951	0.0	-1400.0	4.0	0.0	37.0	36.9
5952	20.0	-1400.0	4.0	0.0	37.2	37.1
5953	40.0	-1400.0	4.0	0.0	37.4	37.3
5954	60.0	-1400.0	4.0	0.0	37.6	37.6
5955	80.0	-1400.0	4.0	0.0	37.9	37.8
5956	100.0	-1400.0	4.0	0.0	38.1	38.0
5957	120.0	-1400.0	4.0	0.0	38.4	38.3
5958	140.0	-1400.0	4.0	0.0	38.6	38.5
5959	160.0	-1400.0	4.0	0.0	38.9	38.8
5960	180.0	-1400.0	4.0	0.0	39.1	39.0
5961	200.0	-1400.0	4.0	0.0	39.4	39.3
5962	220.0	-1400.0	4.0	0.0	39.6	39.6
5963	240.0	-1400.0	4.0	0.0	39.9	39.8
5964	260.0	-1400.0	4.0	0.0	40.2	40.1
5965	280.0	-1400.0	4.0	0.0	40.5	40.4
5966	300.0	-1400.0	4.0	0.0	40.7	40.7
5967	320.0	-1400.0	4.0	0.0	41.8	41.7
5968	340.0	-1400.0	4.0	0.0	42.1	42.0
5969	360.0	-1400.0	4.0	0.0	43.0	42.9
5970	380.0	-1400.0	4.0	0.0	43.3	43.2
5971	400.0	-1400.0	4.0	0.0	43.5	43.5
5972	420.0	-1400.0	4.0	0.0	44.4	44.3
5973	440.0	-1400.0	4.0	0.0	44.7	44.7
5974	460.0	-1400.0	4.0	0.0	45.0	44.9
5975	480.0	-1400.0	4.0	0.0	45.0	44.9
5976	500.0	-1400.0	4.0	0.0	44.9	44.9
5977	520.0	-1400.0	4.0	0.0	44.9	44.8
5978	540.0	-1400.0	4.0	0.0	44.4	44.4

5979	560.0	-1400.0	4.0	0.0	44.2	44.2
5980	580.0	-1400.0	4.0	0.0	44.4	44.3
5981	600.0	-1400.0	4.0	0.0	44.6	44.5
5982	620.0	-1400.0	4.0	0.0	44.8	44.7
5983	640.0	-1400.0	4.0	0.0	44.9	44.8
5984	660.0	-1400.0	4.0	0.0	45.0	44.9
5985	680.0	-1400.0	4.0	0.0	45.1	45.0
5986	700.0	-1400.0	4.0	0.0	45.1	45.0
5987	720.0	-1400.0	4.0	0.0	45.1	45.0
5988	740.0	-1400.0	4.0	0.0	45.1	45.0
5989	760.0	-1400.0	4.0	0.0	45.1	45.0
5990	780.0	-1400.0	4.0	0.0	45.0	44.9
5991	800.0	-1400.0	4.0	0.0	44.9	44.8
5992	820.0	-1400.0	4.0	0.0	44.8	44.7
5993	840.0	-1400.0	4.0	0.0	44.7	44.5
5994	860.0	-1400.0	4.0	0.0	44.5	44.4
5995	880.0	-1400.0	4.0	0.0	44.4	44.2
5996	900.0	-1400.0	4.0	0.0	44.2	44.0
5997	920.0	-1400.0	4.0	0.0	44.0	43.8
5998	940.0	-1400.0	4.0	0.0	43.8	43.6
5999	960.0	-1400.0	4.0	0.0	43.6	43.4
6000	980.0	-1400.0	4.0	0.0	44.4	44.2
6001	1000.0	-1400.0	4.0	0.0	44.2	43.9
6002	1020.0	-1400.0	4.0	0.0	44.0	43.7
6003	1040.0	-1400.0	4.0	0.0	44.0	43.5
6004	1060.0	-1400.0	4.0	0.0	43.8	43.3
6005	1080.0	-1400.0	4.0	0.0	43.7	43.1
6006	1100.0	-1400.0	4.0	0.0	43.8	43.0
6007	1120.0	-1400.0	4.0	0.0	43.4	42.9
6008	1140.0	-1400.0	4.0	0.0	43.5	42.7
6009	1160.0	-1400.0	4.0	0.0	43.6	42.8
6010	1180.0	-1400.0	4.0	0.0	43.4	42.7
6011	1200.0	-1400.0	4.0	0.0	43.2	42.4
6012	1220.0	-1400.0	4.0	0.0	42.9	42.2
6013	1240.0	-1400.0	4.0	0.0	42.7	41.9
6014	1260.0	-1400.0	4.0	0.0	42.4	41.6
6015	1280.0	-1400.0	4.0	0.0	42.2	41.4
6016	1300.0	-1400.0	4.0	0.0	41.9	41.1
6017	1320.0	-1400.0	4.0	0.0	41.7	40.8
6018	1340.0	-1400.0	4.0	0.0	41.4	40.6
6019	1360.0	-1400.0	4.0	0.0	41.2	40.3
6020	1380.0	-1400.0	4.0	0.0	40.9	40.1
6021	1400.0	-1400.0	4.0	0.0	40.7	39.8
6022	1420.0	-1400.0	4.0	0.0	40.4	39.6
6023	1440.0	-1400.0	4.0	0.0	40.2	39.4
6024	1460.0	-1400.0	4.0	0.0	39.9	39.1
6025	1480.0	-1400.0	4.0	0.0	39.7	38.9
6026	1500.0	-1400.0	4.0	0.0	39.5	38.7
6027	1520.0	-1400.0	4.0	0.0	39.2	38.4
6028	1540.0	-1400.0	4.0	0.0	39.0	38.2
6029	1560.0	-1400.0	4.0	0.0	38.8	38.0
6030	1580.0	-1400.0	4.0	0.0	38.6	37.8
6031	1600.0	-1400.0	4.0	0.0	38.3	37.6
6032	1620.0	-1400.0	4.0	0.0	38.1	37.4
6033	1640.0	-1400.0	4.0	0.0	37.9	37.1
6034	1660.0	-1400.0	4.0	0.0	37.7	36.9
6035	1680.0	-1400.0	4.0	0.0	37.5	36.7
6036	0.0	-1420.0	4.0	0.0	36.8	36.7
6037	20.0	-1420.0	4.0	0.0	37.0	37.0
6038	40.0	-1420.0	4.0	0.0	37.3	37.2
6039	60.0	-1420.0	4.0	0.0	37.5	37.4
6040	80.0	-1420.0	4.0	0.0	37.7	37.7
6041	100.0	-1420.0	4.0	0.0	38.0	37.9
6042	120.0	-1420.0	4.0	0.0	38.2	38.1
6043	140.0	-1420.0	4.0	0.0	38.5	38.4
6044	160.0	-1420.0	4.0	0.0	38.7	38.6
6045	180.0	-1420.0	4.0	0.0	38.9	38.9
6046	200.0	-1420.0	4.0	0.0	39.2	39.1
6047	220.0	-1420.0	4.0	0.0	39.5	39.4
6048	240.0	-1420.0	4.0	0.0	39.7	39.6
6049	260.0	-1420.0	4.0	0.0	40.0	39.9
6050	280.0	-1420.0	4.0	0.0	40.2	40.2
6051	300.0	-1420.0	4.0	0.0	40.5	40.4
6052	320.0	-1420.0	4.0	0.0	41.5	41.5
6053	340.0	-1420.0	4.0	0.0	41.9	41.8
6054	360.0	-1420.0	4.0	0.0	42.1	42.1
6055	380.0	-1420.0	4.0	0.0	43.0	43.0
6056	400.0	-1420.0	4.0	0.0	43.3	43.2
6057	420.0	-1420.0	4.0	0.0	44.1	44.1
6058	440.0	-1420.0	4.0	0.0	44.4	44.4
6059	460.0	-1420.0	4.0	0.0	44.4	44.3
6060	480.0	-1420.0	4.0	0.0	44.6	44.6
6061	500.0	-1420.0	4.0	0.0	44.3	44.2
6062	520.0	-1420.0	4.0	0.0	43.8	43.7
6063	540.0	-1420.0	4.0	0.0	43.6	43.5

6064	560.0	-1420.0	4.0	0.0	43.8	43.7
6065	580.0	-1420.0	4.0	0.0	44.0	43.9
6066	600.0	-1420.0	4.0	0.0	44.1	44.1
6067	620.0	-1420.0	4.0	0.0	44.3	44.2
6068	640.0	-1420.0	4.0	0.0	44.4	44.3
6069	660.0	-1420.0	4.0	0.0	44.5	44.4
6070	680.0	-1420.0	4.0	0.0	44.6	44.5
6071	700.0	-1420.0	4.0	0.0	44.6	44.5
6072	720.0	-1420.0	4.0	0.0	44.6	44.5
6073	740.0	-1420.0	4.0	0.0	44.6	44.5
6074	760.0	-1420.0	4.0	0.0	44.6	44.5
6075	780.0	-1420.0	4.0	0.0	44.6	44.5
6076	800.0	-1420.0	4.0	0.0	44.5	44.4
6077	820.0	-1420.0	4.0	0.0	44.4	44.3
6078	840.0	-1420.0	4.0	0.0	44.4	44.2
6079	860.0	-1420.0	4.0	0.0	44.3	44.1
6080	880.0	-1420.0	4.0	0.0	44.3	44.2
6081	900.0	-1420.0	4.0	0.0	44.7	44.5
6082	920.0	-1420.0	4.0	0.0	44.5	44.4
6083	940.0	-1420.0	4.0	0.0	44.4	44.2
6084	960.0	-1420.0	4.0	0.0	44.2	44.0
6085	980.0	-1420.0	4.0	0.0	44.0	43.8
6086	1000.0	-1420.0	4.0	0.0	43.8	43.6
6087	1020.0	-1420.0	4.0	0.0	43.7	43.4
6088	1040.0	-1420.0	4.0	0.0	43.8	43.3
6089	1060.0	-1420.0	4.0	0.0	43.8	43.3
6090	1080.0	-1420.0	4.0	0.0	43.9	43.5
6091	1100.0	-1420.0	4.0	0.0	44.1	43.4
6092	1120.0	-1420.0	4.0	0.0	43.8	43.1
6093	1140.0	-1420.0	4.0	0.0	43.6	42.9
6094	1160.0	-1420.0	4.0	0.0	43.4	42.7
6095	1180.0	-1420.0	4.0	0.0	43.2	42.4
6096	1200.0	-1420.0	4.0	0.0	42.9	42.2
6097	1220.0	-1420.0	4.0	0.0	42.7	41.9
6098	1240.0	-1420.0	4.0	0.0	42.4	41.7
6099	1260.0	-1420.0	4.0	0.0	42.2	41.4
6100	1280.0	-1420.0	4.0	0.0	42.0	41.2
6101	1300.0	-1420.0	4.0	0.0	41.7	40.9
6102	1320.0	-1420.0	4.0	0.0	41.5	40.7
6103	1340.0	-1420.0	4.0	0.0	41.2	40.4
6104	1360.0	-1420.0	4.0	0.0	41.0	40.2
6105	1380.0	-1420.0	4.0	0.0	40.7	39.9
6106	1400.0	-1420.0	4.0	0.0	40.5	39.7
6107	1420.0	-1420.0	4.0	0.0	40.3	39.5
6108	1440.0	-1420.0	4.0	0.0	40.0	39.2
6109	1460.0	-1420.0	4.0	0.0	39.8	39.0
6110	1480.0	-1420.0	4.0	0.0	39.6	38.8
6111	1500.0	-1420.0	4.0	0.0	39.3	38.5
6112	1520.0	-1420.0	4.0	0.0	39.1	38.3
6113	1540.0	-1420.0	4.0	0.0	38.9	38.1
6114	1560.0	-1420.0	4.0	0.0	38.7	37.9
6115	1580.0	-1420.0	4.0	0.0	38.5	37.7
6116	1600.0	-1420.0	4.0	0.0	38.3	37.5
6117	1620.0	-1420.0	4.0	0.0	38.0	37.3
6118	1640.0	-1420.0	4.0	0.0	37.8	37.1
6119	1660.0	-1420.0	4.0	0.0	37.6	36.9
6120	1680.0	-1420.0	4.0	0.0	37.4	36.7
6121	0.0	-1440.0	4.0	0.0	36.7	36.6
6122	20.0	-1440.0	4.0	0.0	36.9	36.8
6123	40.0	-1440.0	4.0	0.0	37.1	37.1
6124	60.0	-1440.0	4.0	0.0	37.4	37.3
6125	80.0	-1440.0	4.0	0.0	37.6	37.5
6126	100.0	-1440.0	4.0	0.0	37.8	37.7
6127	120.0	-1440.0	4.0	0.0	38.1	38.0
6128	140.0	-1440.0	4.0	0.0	38.3	38.2
6129	160.0	-1440.0	4.0	0.0	38.5	38.4
6130	180.0	-1440.0	4.0	0.0	38.8	38.7
6131	200.0	-1440.0	4.0	0.0	39.0	38.9
6132	220.0	-1440.0	4.0	0.0	39.3	39.2
6133	240.0	-1440.0	4.0	0.0	39.5	39.4
6134	260.0	-1440.0	4.0	0.0	39.9	39.8
6135	280.0	-1440.0	4.0	0.0	40.1	40.0
6136	300.0	-1440.0	4.0	0.0	40.4	40.3
6137	320.0	-1440.0	4.0	0.0	41.0	40.9
6138	340.0	-1440.0	4.0	0.0	41.6	41.6
6139	360.0	-1440.0	4.0	0.0	41.9	41.8
6140	380.0	-1440.0	4.0	0.0	42.8	42.7
6141	400.0	-1440.0	4.0	0.0	43.0	43.0
6142	420.0	-1440.0	4.0	0.0	43.9	43.8
6143	440.0	-1440.0	4.0	0.0	43.8	43.8
6144	460.0	-1440.0	4.0	0.0	44.1	44.0
6145	480.0	-1440.0	4.0	0.0	43.7	43.6
6146	500.0	-1440.0	4.0	0.0	43.2	43.2
6147	520.0	-1440.0	4.0	0.0	43.4	43.4
6148	540.0	-1440.0	4.0	0.0	43.2	43.2

6149	560.0	-1440.0	4.0	0.0	43.4	43.3
6150	580.0	-1440.0	4.0	0.0	43.6	43.5
6151	600.0	-1440.0	4.0	0.0	43.7	43.6
6152	620.0	-1440.0	4.0	0.0	43.9	43.8
6153	640.0	-1440.0	4.0	0.0	44.0	43.9
6154	660.0	-1440.0	4.0	0.0	44.1	44.0
6155	680.0	-1440.0	4.0	0.0	44.2	44.1
6156	700.0	-1440.0	4.0	0.0	44.2	44.1
6157	720.0	-1440.0	4.0	0.0	44.3	44.2
6158	740.0	-1440.0	4.0	0.0	44.3	44.2
6159	760.0	-1440.0	4.0	0.0	44.3	44.2
6160	780.0	-1440.0	4.0	0.0	44.4	44.3
6161	800.0	-1440.0	4.0	0.0	44.5	44.4
6162	820.0	-1440.0	4.0	0.0	44.7	44.6
6163	840.0	-1440.0	4.0	0.0	44.6	44.5
6164	860.0	-1440.0	4.0	0.0	44.5	44.4
6165	880.0	-1440.0	4.0	0.0	44.4	44.2
6166	900.0	-1440.0	4.0	0.0	44.3	44.1
6167	920.0	-1440.0	4.0	0.0	44.1	43.9
6168	940.0	-1440.0	4.0	0.0	44.0	43.8
6169	960.0	-1440.0	4.0	0.0	43.8	43.6
6170	980.0	-1440.0	4.0	0.0	43.9	43.7
6171	1000.0	-1440.0	4.0	0.0	44.2	44.0
6172	1020.0	-1440.0	4.0	0.0	44.1	43.9
6173	1040.0	-1440.0	4.0	0.0	44.1	43.7
6174	1060.0	-1440.0	4.0	0.0	43.9	43.5
6175	1080.0	-1440.0	4.0	0.0	43.7	43.3
6176	1100.0	-1440.0	4.0	0.0	43.7	43.1
6177	1120.0	-1440.0	4.0	0.0	43.5	42.8
6178	1140.0	-1440.0	4.0	0.0	43.1	42.6
6179	1160.0	-1440.0	4.0	0.0	43.1	42.4
6180	1180.0	-1440.0	4.0	0.0	42.9	42.2
6181	1200.0	-1440.0	4.0	0.0	42.7	41.9
6182	1220.0	-1440.0	4.0	0.0	42.4	41.7
6183	1240.0	-1440.0	4.0	0.0	42.2	41.4
6184	1260.0	-1440.0	4.0	0.0	42.0	41.2
6185	1280.0	-1440.0	4.0	0.0	41.7	41.0
6186	1300.0	-1440.0	4.0	0.0	41.5	40.7
6187	1320.0	-1440.0	4.0	0.0	41.3	40.5
6188	1340.0	-1440.0	4.0	0.0	41.0	40.3
6189	1360.0	-1440.0	4.0	0.0	40.8	40.0
6190	1380.0	-1440.0	4.0	0.0	40.6	39.8
6191	1400.0	-1440.0	4.0	0.0	40.3	39.6
6192	1420.0	-1440.0	4.0	0.0	40.1	39.3
6193	1440.0	-1440.0	4.0	0.0	39.9	39.1
6194	1460.0	-1440.0	4.0	0.0	39.7	38.9
6195	1480.0	-1440.0	4.0	0.0	39.4	38.7
6196	1500.0	-1440.0	4.0	0.0	39.2	38.4
6197	1520.0	-1440.0	4.0	0.0	39.0	38.2
6198	1540.0	-1440.0	4.0	0.0	38.8	38.0
6199	1560.0	-1440.0	4.0	0.0	38.6	37.8
6200	1580.0	-1440.0	4.0	0.0	38.4	37.6
6201	1600.0	-1440.0	4.0	0.0	38.1	37.4
6202	1620.0	-1440.0	4.0	0.0	37.9	37.2
6203	1640.0	-1440.0	4.0	0.0	37.7	37.0
6204	1660.0	-1440.0	4.0	0.0	37.5	36.8
6205	1680.0	-1440.0	4.0	0.0	37.3	36.6
P1	482.2	-72.5	4.0	0.0	36.0	36.0
P2	374.4	-33.5	4.0	0.0	35.3	35.3
P3	312.8	-29.1	4.0	0.0	36.6	36.3

LAeq , dzień: wartość największa występuje w punkcie (960,-1000,4.0)  
i wynosi 78.4 dB(A)  
LAeq , noc: wartość największa występuje w punkcie (960,-980,4.0)  
i wynosi 64.5 dB(A)

Koniec obliczeń