

pora dnia i nocy

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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: Poziomy hałas równoważnego

1. Nazwa projektu:
2. Temperatura powietrza [st C.] = 10
3. Wilgotność względna powietrza [%] = 70
4. Tłó akustyczne dB(A):  
Pora dnia : 0.0  
Pora nocy : 0.0
5. Rodzaj gruntu : grunt porowaty, wskaźnik gruntu G = 0.7

6. 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	991.5	-372.0	15.4	0.0	wszechkier.	80.0	8.000	1.000	
2	WH 2	991.0	-387.8	15.4	0.0	wszechkier.	80.0	8.000	1.000	
3	WH 3	991.3	-405.2	15.4	0.0	wszechkier.	80.0	8.000	1.000	
4	WH 4	991.3	-420.7	15.4	0.0	wszechkier.	80.0	8.000	1.000	
5	WH 5	991.5	-437.1	15.4	0.0	wszechkier.	80.0	8.000	1.000	
6	WH 6	991.5	-454.2	15.4	0.0	wszechkier.	80.0	8.000	1.000	
7	WH 7	991.5	-471.1	15.4	0.0	wszechkier.	80.0	8.000	1.000	
8	WH 8	991.5	-486.1	15.4	0.0	wszechkier.	80.0	8.000	1.000	
9	WH 9	991.8	-503.0	15.4	0.0	wszechkier.	80.0	8.000	1.000	
10	WH 10	991.8	-518.8	15.4	0.0	wszechkier.	80.0	8.000	1.000	
11	WH 11	1015.2	-437.9	15.4	0.0	wszechkier.	80.0	8.000	1.000	
12	WH 12	1014.7	-454.5	15.4	0.0	wszechkier.	80.0	8.000	1.000	
13	WH 13	1014.7	-471.4	15.4	0.0	wszechkier.	80.0	8.000	1.000	
14	WH 14	1014.7	-487.7	15.4	0.0	wszechkier.	80.0	8.000	1.000	
15	WH 15	1015.2	-503.5	15.4	0.0	wszechkier.	80.0	8.000	1.000	
16	CW 1	958.3	-355.9	15.4	0.0	wszechkier.	80.0	8.000	1.000	
17	CW 2	962.7	-355.9	15.4	0.0	wszechkier.	80.0	8.000	1.000	
18	CW 3	966.2	-356.2	15.4	0.0	wszechkier.	80.0	8.000	1.000	
19	CW 4	961.8	-440.1	15.4	0.0	wszechkier.	80.0	8.000	1.000	
20	CW 5	961.6	-443.9	15.4	0.0	wszechkier.	80.0	8.000	1.000	
21	CW 6	962.1	-448.5	15.4	0.0	wszechkier.	80.0	8.000	1.000	
22	CW 7	958.0	-552.0	15.4	0.0	wszechkier.	80.0	8.000	1.000	
23	CW 8	961.8	-551.7	15.4	0.0	wszechkier.	80.0	8.000	1.000	
24	CW 9	966.2	-551.7	15.4	0.0	wszechkier.	80.0	8.000	1.000	
25	CW 10	1049.8	-417.7	15.4	0.0	wszechkier.	80.0	8.000	1.000	
26	CW 11	1049.5	-421.3	15.4	0.0	wszechkier.	80.0	8.000	1.000	
27	CW 12	1049.8	-426.2	15.4	0.0	wszechkier.	80.0	8.000	1.000	
28	UCH 1	958.3	-359.7	15.4	0.0	wszechkier.	75.0	8.000	1.000	
29	UCH 2	962.1	-359.7	15.4	0.0	wszechkier.	75.0	8.000	1.000	
30	UCH 3	966.2	-359.7	15.4	0.0	wszechkier.	75.0	8.000	1.000	
31	UCH 4	966.5	-440.1	15.4	0.0	wszechkier.	75.0	8.000	1.000	
32	UCH 5	966.5	-443.3	15.4	0.0	wszechkier.	75.0	8.000	1.000	
33	UCH 6	966.5	-447.4	15.4	0.0	wszechkier.	75.0	8.000	1.000	
34	UCH 7	958.3	-548.2	15.4	0.0	wszechkier.	75.0	8.000	1.000	
35	UCH 8	962.4	-548.2	15.4	0.0	wszechkier.	75.0	8.000	1.000	
36	UCH 9	966.2	-548.2	15.4	0.0	wszechkier.	75.0	8.000	1.000	
37	UCH 10	1046.0	-417.7	15.4	0.0	wszechkier.	75.0	8.000	1.000	
38	UCH 11	1046.0	-421.3	15.4	0.0	wszechkier.	75.0	8.000	1.000	
39	UCH 12	1046.0	-425.9	15.4	0.0	wszechkier.	75.0	8.000	1.000	
40	WSB 1	962.4	-352.4	15.4	0.0	wszechkier.	75.0	8.000	1.000	
41	WSB 2	966.5	-352.4	15.4	0.0	wszechkier.	75.0	8.000	1.000	
42	WSB 3	969.7	-352.4	15.4	0.0	wszechkier.	75.0	8.000	1.000	
43	WSB 4	974.4	-352.4	15.4	0.0	wszechkier.	75.0	8.000	1.000	
44	WSB 5	958.3	-443.9	15.4	0.0	wszechkier.	75.0	8.000	1.000	
45	WSB 6	958.3	-448.0	15.4	0.0	wszechkier.	75.0	8.000	1.000	
46	WSB 7	958.0	-452.1	15.4	0.0	wszechkier.	75.0	8.000	1.000	
47	WSB 8	958.0	-455.6	15.4	0.0	wszechkier.	75.0	8.000	1.000	
48	WSB 9	961.8	-555.5	15.4	0.0	wszechkier.	75.0	8.000	1.000	
49	WSB 10	965.4	-555.5	15.4	0.0	wszechkier.	75.0	8.000	1.000	

50	WSB 11	969.7	-555.3	15.4	0.0	wszechkier.	75.0	8.000	1.000		
51	WSB 12	974.4	-556.1	15.4	0.0	wszechkier.	75.0	8.000	1.000		
52	WSB 13	1053.6	-421.8	15.4	0.0	wszechkier.	75.0	8.000	1.000		
53	WSB 14	1053.3	-425.9	15.4	0.0	wszechkier.	75.0	8.000	1.000		
54	WSB 15	1053.3	-429.5	15.4	0.0	wszechkier.	75.0	8.000	1.000		
55	WSB 16	1053.1	-433.8	15.4	0.0	wszechkier.	75.0	8.000	1.000		
56	WEX 1	982.3	-351.6	15.4	0.0	wszechkier.	80.0	8.000	1.000		
57	WEX 2	982.0	-355.9	15.4	0.0	wszechkier.	80.0	8.000	1.000		
58	WEX 3	982.3	-360.6	15.4	0.0	wszechkier.	80.0	8.000	1.000		
59	WEX 4	970.3	-440.1	15.4	0.0	wszechkier.	80.0	8.000	1.000		
60	WEX 5	970.3	-444.7	15.4	0.0	wszechkier.	80.0	8.000	1.000		
61	WEX 6	970.6	-448.8	15.4	0.0	wszechkier.	80.0	8.000	1.000		
62	WEX 7	982.0	-547.1	15.4	0.0	wszechkier.	80.0	8.000	1.000		
63	WEX 8	982.0	-551.7	15.4	0.0	wszechkier.	80.0	8.000	1.000		
64	WEX 9	981.7	-555.8	15.4	0.0	wszechkier.	80.0	8.000	1.000		
65	WEX 10	1042.2	-417.7	15.4	0.0	wszechkier.	80.0	8.000	1.000		
66	WEX 11	1042.4	-421.6	15.4	0.0	wszechkier.	80.0	8.000	1.000		
67	WEX 12	1042.2	-426.2	15.4	0.0	wszechkier.	80.0	8.000	1.000		
68	WB 1	1034.8	-528.3	3.0	0.0	wszechkier.	80.0	8.000	1.000		3
69	WB 2	1041.1	-528.8	3.0	0.0	wszechkier.	80.0	8.000	1.000		3
70	WB 3	1046.5	-528.8	3.0	0.0	wszechkier.	80.0	8.000	1.000		3
71	WB 4	1052.8	-528.3	3.0	0.0	wszechkier.	80.0	8.000	1.000		3
72	UCC 1	987.7	-323.8	4.0	0.0	wszechkier.	65.0	8.000	1.000		
73	UW 1	984.4	-326.8	4.0	0.0	wszechkier.	60.0	8.000	1.000		
74	UW 2	1109.2	-491.8	4.5	0.0	wszechkier.	60.0	8.000	1.000		
75	ACH 1	989.1	-396.0	15.4	0.0	wszechkier.	98.0	8.000	1.000		
76	ACH 2	993.7	-396.5	15.4	0.0	wszechkier.	98.0	8.000	1.000		
77	ACH 3	989.1	-399.8	15.4	0.0	wszechkier.	98.0	8.000	1.000		
78	ACH 4	993.2	-399.5	15.4	0.0	wszechkier.	98.0	8.000	1.000		
79	ACH 5	1001.3	-468.7	15.4	0.0	wszechkier.	98.0	8.000	1.000		
80	ACH 6	1004.9	-468.9	15.4	0.0	wszechkier.	98.0	8.000	1.000		
81	ACH 7	1001.1	-473.0	15.4	0.0	wszechkier.	98.0	8.000	1.000		
82	ACH 8	1004.9	-473.0	15.4	0.0	wszechkier.	98.0	8.000	1.000		
83	AP 1	1059.1	-528.6	2.0	0.0	wszechkier.	108.0	1.000			
84	UWN 1	1000.8	-417.7	15.4	0.0	wszechkier.	80.0	8.000	1.000		
85	UWN 2	1000.5	-501.1	15.4	0.0	wszechkier.	80.0	8.000	1.000		
86	UC 1	1004.6	-417.7	15.4	0.0	wszechkier.	80.0	8.000	1.000		
87	UC 2	1004.9	-500.8	15.4	0.0	wszechkier.	80.0	8.000	1.000		

#### 7. 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	1005.2	-310.0	0.5	0.0	976.8	-341.6	0.5	0.0	74.1	77.3	
2	T2	976.8	-341.6	0.5	0.0	1021.1	-343.4	0.5	0.0	70.1	73.3	
3	T3	1021.1	-343.4	0.5	0.0	1086.2	-429.6	0.5	0.0	74.4	77.2	
4	T4	1086.2	-429.6	0.5	0.0	1086.0	-525.4	0.5	0.0	73.6	76.7	
5	T5	976.8	-341.8	0.5	0.0	926.9	-342.9	0.5	0.0	72.6	76.0	
6	T6	926.9	-342.9	0.5	0.0	926.9	-566.9	0.5	0.0	79.9	82.7	
7	T7	926.9	-566.9	0.5	0.0	992.0	-566.7	0.5	0.0	62.6	67.2	

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

#### 8. 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	POMPOWIA 1	1107.8	-495.1	1111.6	-491.3	1107.5	-485.8	1102.6	-489.6	0.0	4.0	0.0

#### 8.1 Opis ścian budynków

Lp	Budynek	Wielkość	Jedn.	Ściana AB	Ściana BC	Ściana CD	Ściana DA	dach
1	POMPOWIA 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

9. Ekrany - budynki

Lp	Symbol	Wia   ta   (W)	Współrzędne x,y wierzchołków ekranu[m]								ho   h1     m   m	ht	Współczynniki odbicia scian			
			x1	y1	x2	y2	x3	y3	x4	y4			nr 1	-	4	
1	HALA 1	955.7	-557.9	1003.4	-557.9	1003.6	-350.2	956.9	-350.2	0.0	14.4	0.0	1.0	0.0	1.0	0.8
2	HALA 2	1003.6	-546.7	1026.3	-546.5	1026.5	-415.1	1003.6	-415.1	0.0	14.4	0.0	1.0	0.4	0.0	0.0
3	HALA 3	1003.6	-415.1	1026.5	-415.1	1026.5	-360.6	1003.6	-360.9	0.0	14.4	0.0	0.0	0.8	1.0	0.0
4	HALA 4	1026.5	-524.7	1055.6	-525.0	1055.6	-415.3	1026.5	-415.3	0.0	14.4	0.0	1.0	0.8	1.0	0.0

10. Obszary zieleni

Lp	Nazwa	Wyso- kość[m]	ht	Współrzędne wierzchołków wieloboków zieleni[m]							
				x	y	x	y	x	y	x	y
1	LAS 1	20.0	0.0	995.4	-604.6	1046.5	-578.7	1119.4	-706.7	1101.0	-718.3
				1195.6	-855.9	1256.2	-827.9	1174.5	-682.9	1230.3	-655.0
				1384.9	-953.2	1337.9	-981.1	1318.9	-961.4	1218.8	-992.0
				1133.0	-904.9	1048.5	-941.0	1026.8	-906.2	1133.7	-849.7
2	LAS 2	20.0	0.0	1087.4	-1037.0	943.0	-971.6	911.0	-956.6	913.1	-742.2
				931.4	-728.5	1056.7	-859.9	971.6	-935.5	1088.7	-1034.9
				1279.4	-646.8	1216.7	-512.7	1389.7	-427.6	1289.6	-187.9
3	LAS 3	20.0	0.0	1811.8	-6.1	1882.6	-76.9	1839.7	-330.9	1958.2	-376.5
				1833.6	-723.8	1961.6	-836.1	1924.8	-946.4	1776.4	-1035.6
				1709.0	-1056.0	1487.0	-1025.4				
				740.1	-834.8	759.2	-884.5	884.5	-941.6	885.8	-757.8
4	LAS 4	20.0	0.0	829.3	-783.0	853.8	-848.4	815.7	-868.8	778.9	-800.7
				731.3	-817.7						

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	33.6	33.6
2	20.0	0.0	4.0	0.0	33.8	33.8
3	40.0	0.0	4.0	0.0	34.0	34.0
4	60.0	0.0	4.0	0.0	34.2	34.2
5	80.0	0.0	4.0	0.0	34.4	34.4
6	100.0	0.0	4.0	0.0	34.6	34.5
7	120.0	0.0	4.0	0.0	34.7	34.7
8	140.0	0.0	4.0	0.0	34.9	34.9
9	160.0	0.0	4.0	0.0	35.1	35.1
10	180.0	0.0	4.0	0.0	35.3	35.3
11	200.0	0.0	4.0	0.0	35.5	35.5
12	220.0	0.0	4.0	0.0	35.7	35.7
13	240.0	0.0	4.0	0.0	35.9	35.9
14	260.0	0.0	4.0	0.0	36.1	36.1
15	280.0	0.0	4.0	0.0	36.4	36.3
16	300.0	0.0	4.0	0.0	36.6	36.6
17	320.0	0.0	4.0	0.0	36.8	36.8
18	340.0	0.0	4.0	0.0	37.0	37.0
19	360.0	0.0	4.0	0.0	37.2	37.2
20	380.0	0.0	4.0	0.0	37.4	37.4
21	400.0	0.0	4.0	0.0	37.6	37.6
22	420.0	0.0	4.0	0.0	37.9	37.8
23	440.0	0.0	4.0	0.0	38.1	38.1
24	460.0	0.0	4.0	0.0	38.0	38.0
25	480.0	0.0	4.0	0.0	38.0	38.0
26	500.0	0.0	4.0	0.0	37.4	37.4
27	520.0	0.0	4.0	0.0	37.6	37.6
28	540.0	0.0	4.0	0.0	37.8	37.8
29	560.0	0.0	4.0	0.0	38.1	38.1
30	580.0	0.0	4.0	0.0	37.2	37.1
31	600.0	0.0	4.0	0.0	37.3	37.3
32	620.0	0.0	4.0	0.0	35.9	35.9
33	640.0	0.0	4.0	0.0	36.1	36.1
34	660.0	0.0	4.0	0.0	36.3	36.3

35	680.0	0.0	4.0	0.0	36.5	36.5
36	700.0	0.0	4.0	0.0	36.7	36.7
37	720.0	0.0	4.0	0.0	37.0	36.9
38	740.0	0.0	4.0	0.0	37.2	37.1
39	760.0	0.0	4.0	0.0	37.4	37.3
40	780.0	0.0	4.0	0.0	37.6	37.5
41	800.0	0.0	4.0	0.0	37.8	37.7
42	820.0	0.0	4.0	0.0	38.0	37.8
43	840.0	0.0	4.0	0.0	38.2	37.9
44	860.0	0.0	4.0	0.0	38.3	38.1
45	880.0	0.0	4.0	0.0	38.4	38.2
46	900.0	0.0	4.0	0.0	38.6	38.3
47	920.0	0.0	4.0	0.0	38.6	38.4
48	940.0	0.0	4.0	0.0	38.7	38.5
49	960.0	0.0	4.0	0.0	38.8	38.6
50	980.0	0.0	4.0	0.0	39.0	38.8
51	1000.0	0.0	4.0	0.0	39.5	39.2
52	1020.0	0.0	4.0	0.0	38.8	38.5
53	1040.0	0.0	4.0	0.0	39.4	39.0
54	1060.0	0.0	4.0	0.0	39.5	38.7
55	1080.0	0.0	4.0	0.0	39.8	38.5
56	1100.0	0.0	4.0	0.0	39.7	38.4
57	1120.0	0.0	4.0	0.0	40.2	39.0
58	1140.0	0.0	4.0	0.0	39.9	38.6
59	1160.0	0.0	4.0	0.0	40.3	39.1
60	1180.0	0.0	4.0	0.0	40.0	38.8
61	1200.0	0.0	4.0	0.0	39.8	38.6
62	1220.0	0.0	4.0	0.0	39.7	38.5
63	1240.0	0.0	4.0	0.0	39.6	38.4
64	1260.0	0.0	4.0	0.0	39.7	38.5
65	1280.0	0.0	4.0	0.0	39.7	38.5
66	1300.0	0.0	4.0	0.0	39.2	37.9
67	1320.0	0.0	4.0	0.0	39.0	37.8
68	1340.0	0.0	4.0	0.0	39.0	37.7
69	1360.0	0.0	4.0	0.0	39.0	37.9
70	1380.0	0.0	4.0	0.0	39.2	38.1
71	1400.0	0.0	4.0	0.0	39.2	38.1
72	1420.0	0.0	4.0	0.0	39.2	38.2
73	1440.0	0.0	4.0	0.0	38.8	38.0
74	1460.0	0.0	4.0	0.0	38.4	37.7
75	1480.0	0.0	4.0	0.0	38.0	37.5
76	1500.0	0.0	4.0	0.0	37.5	37.0
77	1520.0	0.0	4.0	0.0	36.9	36.6
78	1540.0	0.0	4.0	0.0	36.4	36.1
79	1560.0	0.0	4.0	0.0	35.7	35.6
80	1580.0	0.0	4.0	0.0	34.5	34.3
81	1600.0	0.0	4.0	0.0	33.3	33.1
82	1620.0	0.0	4.0	0.0	31.8	31.7
83	1640.0	0.0	4.0	0.0	30.5	30.2
84	1660.0	0.0	4.0	0.0	29.1	28.8
85	1680.0	0.0	4.0	0.0	27.8	27.4
86	1700.0	0.0	4.0	0.0	26.8	26.3
87	1720.0	0.0	4.0	0.0	26.5	26.0
88	1740.0	0.0	4.0	0.0	26.2	25.7
89	1760.0	0.0	4.0	0.0	25.9	25.5
90	1780.0	0.0	4.0	0.0	25.8	25.3
91	1800.0	0.0	4.0	0.0	25.6	25.1
92	1820.0	0.0	4.0	0.0	25.4	24.9
93	1840.0	0.0	4.0	0.0	25.2	24.7
94	1860.0	0.0	4.0	0.0	25.0	24.5
95	1880.0	0.0	4.0	0.0	24.8	24.3
96	1900.0	0.0	4.0	0.0	24.6	24.1
97	1920.0	0.0	4.0	0.0	24.4	23.9
98	1940.0	0.0	4.0	0.0	24.2	23.7
99	1960.0	0.0	4.0	0.0	24.1	23.5
100	1980.0	0.0	4.0	0.0	23.9	23.4
101	2000.0	0.0	4.0	0.0	23.7	23.2
102	2020.0	0.0	4.0	0.0	23.5	23.0
103	2040.0	0.0	4.0	0.0	23.3	22.8
104	2060.0	0.0	4.0	0.0	23.2	22.6
105	2080.0	0.0	4.0	0.0	23.0	22.5
106	2100.0	0.0	4.0	0.0	22.8	22.3
107	2120.0	0.0	4.0	0.0	22.7	22.1
108	2140.0	0.0	4.0	0.0	22.5	21.9
109	2160.0	0.0	4.0	0.0	22.3	21.8
110	2180.0	0.0	4.0	0.0	22.1	21.6
111	2200.0	0.0	4.0	0.0	22.0	21.5
112	2220.0	0.0	4.0	0.0	21.8	21.3
113	2240.0	0.0	4.0	0.0	21.7	21.1
114	2260.0	0.0	4.0	0.0	21.5	21.0
115	2280.0	0.0	4.0	0.0	21.3	20.8
116	2300.0	0.0	4.0	0.0	21.2	20.7
117	2320.0	0.0	4.0	0.0	21.0	20.5
118	2340.0	0.0	4.0	0.0	20.9	20.3
119	2360.0	0.0	4.0	0.0	20.7	20.2

120	2380.0	0.0	4.0	0.0	20.5	20.0
121	2400.0	0.0	4.0	0.0	20.3	19.9
122	0.0	-20.0	4.0	0.0	33.7	33.7
123	20.0	-20.0	4.0	0.0	33.9	33.9
124	40.0	-20.0	4.0	0.0	34.1	34.1
125	60.0	-20.0	4.0	0.0	34.3	34.3
126	80.0	-20.0	4.0	0.0	34.5	34.4
127	100.0	-20.0	4.0	0.0	34.6	34.6
128	120.0	-20.0	4.0	0.0	34.8	34.8
129	140.0	-20.0	4.0	0.0	35.0	35.0
130	160.0	-20.0	4.0	0.0	35.2	35.2
131	180.0	-20.0	4.0	0.0	35.4	35.4
132	200.0	-20.0	4.0	0.0	35.6	35.6
133	220.0	-20.0	4.0	0.0	35.8	35.8
134	240.0	-20.0	4.0	0.0	36.1	36.0
135	260.0	-20.0	4.0	0.0	36.3	36.3
136	280.0	-20.0	4.0	0.0	36.5	36.5
137	300.0	-20.0	4.0	0.0	36.7	36.7
138	320.0	-20.0	4.0	0.0	36.9	36.9
139	340.0	-20.0	4.0	0.0	37.1	37.1
140	360.0	-20.0	4.0	0.0	37.3	37.3
141	380.0	-20.0	4.0	0.0	37.6	37.6
142	400.0	-20.0	4.0	0.0	37.8	37.8
143	420.0	-20.0	4.0	0.0	38.0	38.0
144	440.0	-20.0	4.0	0.0	38.3	38.2
145	460.0	-20.0	4.0	0.0	38.1	38.1
146	480.0	-20.0	4.0	0.0	38.2	38.2
147	500.0	-20.0	4.0	0.0	37.6	37.6
148	520.0	-20.0	4.0	0.0	37.8	37.8
149	540.0	-20.0	4.0	0.0	38.1	38.0
150	560.0	-20.0	4.0	0.0	38.3	38.3
151	580.0	-20.0	4.0	0.0	37.4	37.4
152	600.0	-20.0	4.0	0.0	37.5	37.5
153	620.0	-20.0	4.0	0.0	36.1	36.1
154	640.0	-20.0	4.0	0.0	36.4	36.3
155	660.0	-20.0	4.0	0.0	36.6	36.6
156	680.0	-20.0	4.0	0.0	36.8	36.8
157	700.0	-20.0	4.0	0.0	37.0	37.0
158	720.0	-20.0	4.0	0.0	37.3	37.2
159	740.0	-20.0	4.0	0.0	37.5	37.5
160	760.0	-20.0	4.0	0.0	37.7	37.7
161	780.0	-20.0	4.0	0.0	37.9	37.9
162	800.0	-20.0	4.0	0.0	38.2	38.1
163	820.0	-20.0	4.0	0.0	38.4	38.2
164	840.0	-20.0	4.0	0.0	38.6	38.3
165	860.0	-20.0	4.0	0.0	38.7	38.5
166	880.0	-20.0	4.0	0.0	38.8	38.6
167	900.0	-20.0	4.0	0.0	39.0	38.8
168	920.0	-20.0	4.0	0.0	39.1	38.9
169	940.0	-20.0	4.0	0.0	39.2	39.0
170	960.0	-20.0	4.0	0.0	39.3	39.1
171	980.0	-20.0	4.0	0.0	39.5	39.2
172	1000.0	-20.0	4.0	0.0	39.9	39.7
173	1020.0	-20.0	4.0	0.0	39.3	39.0
174	1040.0	-20.0	4.0	0.0	39.8	39.4
175	1060.0	-20.0	4.0	0.0	39.9	39.1
176	1080.0	-20.0	4.0	0.0	40.2	38.9
177	1100.0	-20.0	4.0	0.0	40.1	38.8
178	1120.0	-20.0	4.0	0.0	40.5	39.3
179	1140.0	-20.0	4.0	0.0	40.2	38.9
180	1160.0	-20.0	4.0	0.0	40.4	39.3
181	1180.0	-20.0	4.0	0.0	40.1	38.8
182	1200.0	-20.0	4.0	0.0	39.8	38.5
183	1220.0	-20.0	4.0	0.0	39.7	38.3
184	1240.0	-20.0	4.0	0.0	39.6	38.3
185	1260.0	-20.0	4.0	0.0	39.7	38.4
186	1280.0	-20.0	4.0	0.0	39.7	38.4
187	1300.0	-20.0	4.0	0.0	39.1	37.8
188	1320.0	-20.0	4.0	0.0	39.0	37.6
189	1340.0	-20.0	4.0	0.0	38.9	37.6
190	1360.0	-20.0	4.0	0.0	39.1	37.7
191	1380.0	-20.0	4.0	0.0	39.4	38.2
192	1400.0	-20.0	4.0	0.0	39.3	38.2
193	1420.0	-20.0	4.0	0.0	39.2	38.4
194	1440.0	-20.0	4.0	0.0	38.8	38.2
195	1460.0	-20.0	4.0	0.0	38.4	37.9
196	1480.0	-20.0	4.0	0.0	37.9	37.4
197	1500.0	-20.0	4.0	0.0	37.3	36.9
198	1520.0	-20.0	4.0	0.0	36.8	36.5
199	1540.0	-20.0	4.0	0.0	35.6	35.5
200	1560.0	-20.0	4.0	0.0	34.2	34.1
201	1580.0	-20.0	4.0	0.0	32.8	32.6
202	1600.0	-20.0	4.0	0.0	31.4	31.2
203	1620.0	-20.0	4.0	0.0	29.9	29.6
204	1640.0	-20.0	4.0	0.0	28.7	28.3

205	1660.0	-20.0	4.0	0.0	27.4	27.0
206	1680.0	-20.0	4.0	0.0	27.1	26.6
207	1700.0	-20.0	4.0	0.0	26.7	26.3
208	1720.0	-20.0	4.0	0.0	26.5	26.0
209	1740.0	-20.0	4.0	0.0	26.3	25.8
210	1760.0	-20.0	4.0	0.0	26.1	25.6
211	1780.0	-20.0	4.0	0.0	25.9	25.4
212	1800.0	-20.0	4.0	0.0	25.7	25.2
213	1820.0	-20.0	4.0	0.0	25.5	25.0
214	1840.0	-20.0	4.0	0.0	25.3	24.8
215	1860.0	-20.0	4.0	0.0	25.1	24.6
216	1880.0	-20.0	4.0	0.0	24.9	24.4
217	1900.0	-20.0	4.0	0.0	24.7	24.2
218	1920.0	-20.0	4.0	0.0	24.5	24.0
219	1940.0	-20.0	4.0	0.0	24.3	23.8
220	1960.0	-20.0	4.0	0.0	24.1	23.6
221	1980.0	-20.0	4.0	0.0	24.0	23.4
222	2000.0	-20.0	4.0	0.0	23.8	23.2
223	2020.0	-20.0	4.0	0.0	23.6	23.1
224	2040.0	-20.0	4.0	0.0	23.4	22.9
225	2060.0	-20.0	4.0	0.0	23.2	22.7
226	2080.0	-20.0	4.0	0.0	23.1	22.5
227	2100.0	-20.0	4.0	0.0	22.9	22.4
228	2120.0	-20.0	4.0	0.0	22.7	22.2
229	2140.0	-20.0	4.0	0.0	22.5	22.0
230	2160.0	-20.0	4.0	0.0	22.4	21.8
231	2180.0	-20.0	4.0	0.0	22.2	21.7
232	2200.0	-20.0	4.0	0.0	22.0	21.5
233	2220.0	-20.0	4.0	0.0	21.9	21.3
234	2240.0	-20.0	4.0	0.0	21.7	21.2
235	2260.0	-20.0	4.0	0.0	21.6	21.0
236	2280.0	-20.0	4.0	0.0	21.4	20.9
237	2300.0	-20.0	4.0	0.0	21.2	20.7
238	2320.0	-20.0	4.0	0.0	21.1	20.5
239	2340.0	-20.0	4.0	0.0	20.9	20.4
240	2360.0	-20.0	4.0	0.0	20.8	20.2
241	2380.0	-20.0	4.0	0.0	20.6	20.1
242	2400.0	-20.0	4.0	0.0	20.4	19.9
243	0.0	-40.0	4.0	0.0	33.8	33.8
244	20.0	-40.0	4.0	0.0	34.0	34.0
245	40.0	-40.0	4.0	0.0	34.2	34.1
246	60.0	-40.0	4.0	0.0	34.4	34.3
247	80.0	-40.0	4.0	0.0	34.5	34.5
248	100.0	-40.0	4.0	0.0	34.7	34.7
249	120.0	-40.0	4.0	0.0	34.9	34.9
250	140.0	-40.0	4.0	0.0	35.1	35.1
251	160.0	-40.0	4.0	0.0	35.3	35.3
252	180.0	-40.0	4.0	0.0	35.5	35.5
253	200.0	-40.0	4.0	0.0	35.7	35.7
254	220.0	-40.0	4.0	0.0	36.0	35.9
255	240.0	-40.0	4.0	0.0	36.2	36.2
256	260.0	-40.0	4.0	0.0	36.4	36.4
257	280.0	-40.0	4.0	0.0	36.6	36.6
258	300.0	-40.0	4.0	0.0	36.8	36.8
259	320.0	-40.0	4.0	0.0	37.0	37.0
260	340.0	-40.0	4.0	0.0	37.3	37.3
261	360.0	-40.0	4.0	0.0	37.5	37.5
262	380.0	-40.0	4.0	0.0	37.7	37.7
263	400.0	-40.0	4.0	0.0	38.0	37.9
264	420.0	-40.0	4.0	0.0	38.2	38.2
265	440.0	-40.0	4.0	0.0	38.4	38.4
266	460.0	-40.0	4.0	0.0	38.3	38.3
267	480.0	-40.0	4.0	0.0	38.4	38.4
268	500.0	-40.0	4.0	0.0	37.8	37.8
269	520.0	-40.0	4.0	0.0	38.0	38.0
270	540.0	-40.0	4.0	0.0	38.3	38.3
271	560.0	-40.0	4.0	0.0	38.5	38.5
272	580.0	-40.0	4.0	0.0	37.6	37.6
273	600.0	-40.0	4.0	0.0	37.8	37.8
274	620.0	-40.0	4.0	0.0	36.4	36.4
275	640.0	-40.0	4.0	0.0	36.6	36.6
276	660.0	-40.0	4.0	0.0	36.9	36.9
277	680.0	-40.0	4.0	0.0	37.1	37.1
278	700.0	-40.0	4.0	0.0	37.3	37.3
279	720.0	-40.0	4.0	0.0	37.6	37.6
280	740.0	-40.0	4.0	0.0	37.8	37.8
281	760.0	-40.0	4.0	0.0	38.1	38.0
282	780.0	-40.0	4.0	0.0	38.3	38.2
283	800.0	-40.0	4.0	0.0	38.5	38.5
284	820.0	-40.0	4.0	0.0	38.7	38.6
285	840.0	-40.0	4.0	0.0	39.0	38.8
286	860.0	-40.0	4.0	0.0	39.1	38.9
287	880.0	-40.0	4.0	0.0	39.3	39.1
288	900.0	-40.0	4.0	0.0	39.4	39.2
289	920.0	-40.0	4.0	0.0	39.5	39.3

290	940.0	-40.0	4.0	0.0	39.6	39.4
291	960.0	-40.0	4.0	0.0	39.7	39.5
292	980.0	-40.0	4.0	0.0	39.9	39.7
293	1000.0	-40.0	4.0	0.0	40.4	40.1
294	1020.0	-40.0	4.0	0.0	39.8	39.5
295	1040.0	-40.0	4.0	0.0	40.3	39.8
296	1060.0	-40.0	4.0	0.0	40.3	39.6
297	1080.0	-40.0	4.0	0.0	40.7	39.4
298	1100.0	-40.0	4.0	0.0	40.6	39.2
299	1120.0	-40.0	4.0	0.0	40.8	39.6
300	1140.0	-40.0	4.0	0.0	40.6	39.3
301	1160.0	-40.0	4.0	0.0	40.7	39.5
302	1180.0	-40.0	4.0	0.0	40.4	39.1
303	1200.0	-40.0	4.0	0.0	40.1	38.8
304	1220.0	-40.0	4.0	0.0	40.0	38.6
305	1240.0	-40.0	4.0	0.0	39.9	38.5
306	1260.0	-40.0	4.0	0.0	39.9	38.5
307	1280.0	-40.0	4.0	0.0	39.8	38.6
308	1300.0	-40.0	4.0	0.0	39.3	37.8
309	1320.0	-40.0	4.0	0.0	39.1	37.7
310	1340.0	-40.0	4.0	0.0	39.1	37.6
311	1360.0	-40.0	4.0	0.0	39.2	37.8
312	1380.0	-40.0	4.0	0.0	39.5	38.3
313	1400.0	-40.0	4.0	0.0	39.3	38.3
314	1420.0	-40.0	4.0	0.0	39.3	38.6
315	1440.0	-40.0	4.0	0.0	38.9	38.3
316	1460.0	-40.0	4.0	0.0	38.3	37.8
317	1480.0	-40.0	4.0	0.0	37.8	37.4
318	1500.0	-40.0	4.0	0.0	37.1	36.8
319	1520.0	-40.0	4.0	0.0	35.5	35.3
320	1540.0	-40.0	4.0	0.0	34.0	33.8
321	1560.0	-40.0	4.0	0.0	32.4	32.1
322	1580.0	-40.0	4.0	0.0	30.7	30.4
323	1600.0	-40.0	4.0	0.0	29.3	29.0
324	1620.0	-40.0	4.0	0.0	28.0	27.5
325	1640.0	-40.0	4.0	0.0	27.7	27.3
326	1660.0	-40.0	4.0	0.0	27.4	26.9
327	1680.0	-40.0	4.0	0.0	27.1	26.7
328	1700.0	-40.0	4.0	0.0	26.8	26.4
329	1720.0	-40.0	4.0	0.0	26.6	26.1
330	1740.0	-40.0	4.0	0.0	26.4	25.9
331	1760.0	-40.0	4.0	0.0	26.2	25.7
332	1780.0	-40.0	4.0	0.0	26.0	25.5
333	1800.0	-40.0	4.0	0.0	25.8	25.3
334	1820.0	-40.0	4.0	0.0	25.6	25.1
335	1840.0	-40.0	4.0	0.0	25.4	24.9
336	1860.0	-40.0	4.0	0.0	25.2	24.7
337	1880.0	-40.0	4.0	0.0	25.0	24.5
338	1900.0	-40.0	4.0	0.0	24.8	24.3
339	1920.0	-40.0	4.0	0.0	24.6	24.1
340	1940.0	-40.0	4.0	0.0	24.4	23.9
341	1960.0	-40.0	4.0	0.0	24.2	23.7
342	1980.0	-40.0	4.0	0.0	24.0	23.5
343	2000.0	-40.0	4.0	0.0	23.9	23.3
344	2020.0	-40.0	4.0	0.0	23.7	23.1
345	2040.0	-40.0	4.0	0.0	23.5	23.0
346	2060.0	-40.0	4.0	0.0	23.3	22.8
347	2080.0	-40.0	4.0	0.0	23.1	22.6
348	2100.0	-40.0	4.0	0.0	23.0	22.4
349	2120.0	-40.0	4.0	0.0	22.8	22.2
350	2140.0	-40.0	4.0	0.0	22.6	22.1
351	2160.0	-40.0	4.0	0.0	22.4	21.9
352	2180.0	-40.0	4.0	0.0	22.3	21.7
353	2200.0	-40.0	4.0	0.0	22.1	21.6
354	2220.0	-40.0	4.0	0.0	21.9	21.4
355	2240.0	-40.0	4.0	0.0	21.8	21.2
356	2260.0	-40.0	4.0	0.0	21.6	21.1
357	2280.0	-40.0	4.0	0.0	21.4	20.9
358	2300.0	-40.0	4.0	0.0	21.3	20.8
359	2320.0	-40.0	4.0	0.0	21.1	20.6
360	2340.0	-40.0	4.0	0.0	21.0	20.4
361	2360.0	-40.0	4.0	0.0	20.8	20.3
362	2380.0	-40.0	4.0	0.0	20.7	20.1
363	2400.0	-40.0	4.0	0.0	20.5	20.0
364	0.0	-60.0	4.0	0.0	33.9	33.9
365	20.0	-60.0	4.0	0.0	34.1	34.0
366	40.0	-60.0	4.0	0.0	34.2	34.2
367	60.0	-60.0	4.0	0.0	34.4	34.4
368	80.0	-60.0	4.0	0.0	34.6	34.6
369	100.0	-60.0	4.0	0.0	34.8	34.8
370	120.0	-60.0	4.0	0.0	35.0	35.0
371	140.0	-60.0	4.0	0.0	35.2	35.2
372	160.0	-60.0	4.0	0.0	35.4	35.4
373	180.0	-60.0	4.0	0.0	35.6	35.6
374	200.0	-60.0	4.0	0.0	35.8	35.8

375	220.0	-60.0	4.0	0.0	36.1	36.0
376	240.0	-60.0	4.0	0.0	36.3	36.3
377	260.0	-60.0	4.0	0.0	36.5	36.5
378	280.0	-60.0	4.0	0.0	36.7	36.7
379	300.0	-60.0	4.0	0.0	36.9	36.9
380	320.0	-60.0	4.0	0.0	37.2	37.2
381	340.0	-60.0	4.0	0.0	37.4	37.4
382	360.0	-60.0	4.0	0.0	37.6	37.6
383	380.0	-60.0	4.0	0.0	37.9	37.9
384	400.0	-60.0	4.0	0.0	38.1	38.1
385	420.0	-60.0	4.0	0.0	38.3	38.3
386	440.0	-60.0	4.0	0.0	38.6	38.6
387	460.0	-60.0	4.0	0.0	38.5	38.5
388	480.0	-60.0	4.0	0.0	38.6	38.6
389	500.0	-60.0	4.0	0.0	38.0	38.0
390	520.0	-60.0	4.0	0.0	38.2	38.2
391	540.0	-60.0	4.0	0.0	38.5	38.5
392	560.0	-60.0	4.0	0.0	38.7	38.7
393	580.0	-60.0	4.0	0.0	37.9	37.8
394	600.0	-60.0	4.0	0.0	38.0	38.0
395	620.0	-60.0	4.0	0.0	36.7	36.6
396	640.0	-60.0	4.0	0.0	36.9	36.9
397	660.0	-60.0	4.0	0.0	37.2	37.1
398	680.0	-60.0	4.0	0.0	37.4	37.4
399	700.0	-60.0	4.0	0.0	37.7	37.6
400	720.0	-60.0	4.0	0.0	37.9	37.9
401	740.0	-60.0	4.0	0.0	38.2	38.1
402	760.0	-60.0	4.0	0.0	38.4	38.4
403	780.0	-60.0	4.0	0.0	38.7	38.6
404	800.0	-60.0	4.0	0.0	38.9	38.9
405	820.0	-60.0	4.0	0.0	39.1	39.0
406	840.0	-60.0	4.0	0.0	39.4	39.2
407	860.0	-60.0	4.0	0.0	39.6	39.4
408	880.0	-60.0	4.0	0.0	39.7	39.5
409	900.0	-60.0	4.0	0.0	39.9	39.7
410	920.0	-60.0	4.0	0.0	40.0	39.8
411	940.0	-60.0	4.0	0.0	40.1	39.9
412	960.0	-60.0	4.0	0.0	40.2	40.0
413	980.0	-60.0	4.0	0.0	40.4	40.2
414	1000.0	-60.0	4.0	0.0	40.9	40.6
415	1020.0	-60.0	4.0	0.0	40.2	40.0
416	1040.0	-60.0	4.0	0.0	40.7	40.3
417	1060.0	-60.0	4.0	0.0	40.8	40.0
418	1080.0	-60.0	4.0	0.0	41.1	39.8
419	1100.0	-60.0	4.0	0.0	41.0	39.7
420	1120.0	-60.0	4.0	0.0	41.2	40.0
421	1140.0	-60.0	4.0	0.0	41.0	39.7
422	1160.0	-60.0	4.0	0.0	41.0	39.8
423	1180.0	-60.0	4.0	0.0	40.7	39.4
424	1200.0	-60.0	4.0	0.0	40.5	39.1
425	1220.0	-60.0	4.0	0.0	40.3	38.9
426	1240.0	-60.0	4.0	0.0	40.2	38.8
427	1260.0	-60.0	4.0	0.0	40.1	38.8
428	1280.0	-60.0	4.0	0.0	40.1	38.8
429	1300.0	-60.0	4.0	0.0	39.6	38.0
430	1320.0	-60.0	4.0	0.0	39.4	37.8
431	1340.0	-60.0	4.0	0.0	39.3	37.8
432	1360.0	-60.0	4.0	0.0	39.4	37.9
433	1380.0	-60.0	4.0	0.0	39.7	38.5
434	1400.0	-60.0	4.0	0.0	39.4	38.5
435	1420.0	-60.0	4.0	0.0	39.4	38.8
436	1440.0	-60.0	4.0	0.0	38.8	38.3
437	1460.0	-60.0	4.0	0.0	38.2	37.8
438	1480.0	-60.0	4.0	0.0	37.2	36.8
439	1500.0	-60.0	4.0	0.0	35.4	35.2
440	1520.0	-60.0	4.0	0.0	33.7	33.4
441	1540.0	-60.0	4.0	0.0	31.8	31.6
442	1560.0	-60.0	4.0	0.0	30.0	29.6
443	1580.0	-60.0	4.0	0.0	28.4	27.9
444	1600.0	-60.0	4.0	0.0	28.0	27.4
445	1620.0	-60.0	4.0	0.0	27.8	27.3
446	1640.0	-60.0	4.0	0.0	27.8	27.4
447	1660.0	-60.0	4.0	0.0	27.5	27.1
448	1680.0	-60.0	4.0	0.0	27.2	26.8
449	1700.0	-60.0	4.0	0.0	27.0	26.6
450	1720.0	-60.0	4.0	0.0	26.8	26.3
451	1740.0	-60.0	4.0	0.0	26.6	26.0
452	1760.0	-60.0	4.0	0.0	26.3	25.8
453	1780.0	-60.0	4.0	0.0	26.1	25.6
454	1800.0	-60.0	4.0	0.0	25.9	25.4
455	1820.0	-60.0	4.0	0.0	25.7	25.2
456	1840.0	-60.0	4.0	0.0	25.5	25.0
457	1860.0	-60.0	4.0	0.0	25.3	24.8
458	1880.0	-60.0	4.0	0.0	25.1	24.6
459	1900.0	-60.0	4.0	0.0	24.9	24.4



460	1920.0	-60.0	4.0	0.0	24.7	24.2
461	1940.0	-60.0	4.0	0.0	24.5	24.0
462	1960.0	-60.0	4.0	0.0	24.3	23.8
463	1980.0	-60.0	4.0	0.0	24.1	23.6
464	2000.0	-60.0	4.0	0.0	23.9	23.4
465	2020.0	-60.0	4.0	0.0	23.7	23.2
466	2040.0	-60.0	4.0	0.0	23.6	23.0
467	2060.0	-60.0	4.0	0.0	23.4	22.8
468	2080.0	-60.0	4.0	0.0	23.2	22.7
469	2100.0	-60.0	4.0	0.0	23.0	22.5
470	2120.0	-60.0	4.0	0.0	22.8	22.3
471	2140.0	-60.0	4.0	0.0	22.7	22.1
472	2160.0	-60.0	4.0	0.0	22.5	22.0
473	2180.0	-60.0	4.0	0.0	22.3	21.8
474	2200.0	-60.0	4.0	0.0	22.2	21.6
475	2220.0	-60.0	4.0	0.0	22.0	21.5
476	2240.0	-60.0	4.0	0.0	21.8	21.3
477	2260.0	-60.0	4.0	0.0	21.7	21.1
478	2280.0	-60.0	4.0	0.0	21.5	21.0
479	2300.0	-60.0	4.0	0.0	21.3	20.8
480	2320.0	-60.0	4.0	0.0	21.2	20.6
481	2340.0	-60.0	4.0	0.0	21.0	20.5
482	2360.0	-60.0	4.0	0.0	20.9	20.3
483	2380.0	-60.0	4.0	0.0	20.7	20.2
484	2400.0	-60.0	4.0	0.0	20.5	20.0
485	0.0	-80.0	4.0	0.0	33.9	33.9
486	20.0	-80.0	4.0	0.0	34.1	34.1
487	40.0	-80.0	4.0	0.0	34.3	34.3
488	60.0	-80.0	4.0	0.0	34.5	34.5
489	80.0	-80.0	4.0	0.0	34.7	34.7
490	100.0	-80.0	4.0	0.0	34.9	34.9
491	120.0	-80.0	4.0	0.0	35.1	35.1
492	140.0	-80.0	4.0	0.0	35.3	35.3
493	160.0	-80.0	4.0	0.0	35.5	35.5
494	180.0	-80.0	4.0	0.0	35.7	35.7
495	200.0	-80.0	4.0	0.0	35.9	35.9
496	220.0	-80.0	4.0	0.0	36.2	36.2
497	240.0	-80.0	4.0	0.0	36.4	36.4
498	260.0	-80.0	4.0	0.0	36.6	36.6
499	280.0	-80.0	4.0	0.0	36.8	36.8
500	300.0	-80.0	4.0	0.0	37.1	37.1
501	320.0	-80.0	4.0	0.0	37.3	37.3
502	340.0	-80.0	4.0	0.0	37.5	37.5
503	360.0	-80.0	4.0	0.0	37.8	37.8
504	380.0	-80.0	4.0	0.0	38.0	38.0
505	400.0	-80.0	4.0	0.0	38.3	38.2
506	420.0	-80.0	4.0	0.0	38.5	38.5
507	440.0	-80.0	4.0	0.0	38.8	38.7
508	460.0	-80.0	4.0	0.0	38.7	38.6
509	480.0	-80.0	4.0	0.0	38.7	38.7
510	500.0	-80.0	4.0	0.0	38.2	38.2
511	520.0	-80.0	4.0	0.0	38.4	38.4
512	540.0	-80.0	4.0	0.0	38.7	38.7
513	560.0	-80.0	4.0	0.0	39.0	38.9
514	580.0	-80.0	4.0	0.0	38.1	38.1
515	600.0	-80.0	4.0	0.0	38.3	38.3
516	620.0	-80.0	4.0	0.0	36.9	36.9
517	640.0	-80.0	4.0	0.0	37.2	37.2
518	660.0	-80.0	4.0	0.0	37.5	37.4
519	680.0	-80.0	4.0	0.0	37.7	37.7
520	700.0	-80.0	4.0	0.0	38.0	38.0
521	720.0	-80.0	4.0	0.0	38.2	38.2
522	740.0	-80.0	4.0	0.0	38.5	38.5
523	760.0	-80.0	4.0	0.0	38.8	38.8
524	780.0	-80.0	4.0	0.0	39.0	39.0
525	800.0	-80.0	4.0	0.0	39.3	39.3
526	820.0	-80.0	4.0	0.0	39.5	39.4
527	840.0	-80.0	4.0	0.0	39.8	39.7
528	860.0	-80.0	4.0	0.0	40.0	39.8
529	880.0	-80.0	4.0	0.0	40.2	40.0
530	900.0	-80.0	4.0	0.0	40.3	40.1
531	920.0	-80.0	4.0	0.0	40.5	40.3
532	940.0	-80.0	4.0	0.0	40.6	40.4
533	960.0	-80.0	4.0	0.0	40.7	40.5
534	980.0	-80.0	4.0	0.0	40.9	40.7
535	1000.0	-80.0	4.0	0.0	41.4	41.2
536	1020.0	-80.0	4.0	0.0	40.8	40.5
537	1040.0	-80.0	4.0	0.0	41.2	40.8
538	1060.0	-80.0	4.0	0.0	41.3	40.5
539	1080.0	-80.0	4.0	0.0	41.6	40.3
540	1100.0	-80.0	4.0	0.0	41.5	40.2
541	1120.0	-80.0	4.0	0.0	41.6	40.3
542	1140.0	-80.0	4.0	0.0	41.4	40.1
543	1160.0	-80.0	4.0	0.0	41.4	40.1
544	1180.0	-80.0	4.0	0.0	41.1	39.8

545	1200.0	-80.0	4.0	0.0	40.9	39.5
546	1220.0	-80.0	4.0	0.0	40.7	39.3
547	1240.0	-80.0	4.0	0.0	40.6	39.1
548	1260.0	-80.0	4.0	0.0	40.4	39.1
549	1280.0	-80.0	4.0	0.0	40.4	39.1
550	1300.0	-80.0	4.0	0.0	39.8	38.3
551	1320.0	-80.0	4.0	0.0	39.7	38.1
552	1340.0	-80.0	4.0	0.0	39.6	38.0
553	1360.0	-80.0	4.0	0.0	39.5	38.1
554	1380.0	-80.0	4.0	0.0	39.7	38.7
555	1400.0	-80.0	4.0	0.0	39.4	38.7
556	1420.0	-80.0	4.0	0.0	39.3	38.8
557	1440.0	-80.0	4.0	0.0	38.7	38.2
558	1460.0	-80.0	4.0	0.0	37.1	36.7
559	1480.0	-80.0	4.0	0.0	35.2	34.9
560	1500.0	-80.0	4.0	0.0	33.3	33.0
561	1520.0	-80.0	4.0	0.0	31.2	30.8
562	1540.0	-80.0	4.0	0.0	29.1	28.6
563	1560.0	-80.0	4.0	0.0	28.0	27.3
564	1580.0	-80.0	4.0	0.0	27.9	27.3
565	1600.0	-80.0	4.0	0.0	28.0	27.5
566	1620.0	-80.0	4.0	0.0	27.9	27.5
567	1640.0	-80.0	4.0	0.0	28.0	27.5
568	1660.0	-80.0	4.0	0.0	27.7	27.3
569	1680.0	-80.0	4.0	0.0	27.4	26.9
570	1700.0	-80.0	4.0	0.0	27.2	26.7
571	1720.0	-80.0	4.0	0.0	26.9	26.4
572	1740.0	-80.0	4.0	0.0	26.7	26.2
573	1760.0	-80.0	4.0	0.0	26.5	25.9
574	1780.0	-80.0	4.0	0.0	26.2	25.7
575	1800.0	-80.0	4.0	0.0	26.0	25.5
576	1820.0	-80.0	4.0	0.0	25.8	25.3
577	1840.0	-80.0	4.0	0.0	25.6	25.1
578	1860.0	-80.0	4.0	0.0	25.4	24.9
579	1880.0	-80.0	4.0	0.0	25.2	24.7
580	1900.0	-80.0	4.0	0.0	25.0	24.5
581	1920.0	-80.0	4.0	0.0	24.8	24.3
582	1940.0	-80.0	4.0	0.0	24.6	24.0
583	1960.0	-80.0	4.0	0.0	24.4	23.8
584	1980.0	-80.0	4.0	0.0	24.2	23.7
585	2000.0	-80.0	4.0	0.0	24.0	23.5
586	2020.0	-80.0	4.0	0.0	23.8	23.3
587	2040.0	-80.0	4.0	0.0	23.6	23.1
588	2060.0	-80.0	4.0	0.0	23.4	22.9
589	2080.0	-80.0	4.0	0.0	23.3	22.7
590	2100.0	-80.0	4.0	0.0	23.1	22.5
591	2120.0	-80.0	4.0	0.0	22.9	22.4
592	2140.0	-80.0	4.0	0.0	22.7	22.2
593	2160.0	-80.0	4.0	0.0	22.6	22.0
594	2180.0	-80.0	4.0	0.0	22.4	21.8
595	2200.0	-80.0	4.0	0.0	22.2	21.7
596	2220.0	-80.0	4.0	0.0	22.0	21.5
597	2240.0	-80.0	4.0	0.0	21.9	21.3
598	2260.0	-80.0	4.0	0.0	21.7	21.2
599	2280.0	-80.0	4.0	0.0	21.5	21.0
600	2300.0	-80.0	4.0	0.0	21.4	20.8
601	2320.0	-80.0	4.0	0.0	21.2	20.7
602	2340.0	-80.0	4.0	0.0	21.1	20.5
603	2360.0	-80.0	4.0	0.0	20.9	20.4
604	2380.0	-80.0	4.0	0.0	20.8	20.2
605	2400.0	-80.0	4.0	0.0	20.6	20.1
606	0.0	-100.0	4.0	0.0	34.0	34.0
607	20.0	-100.0	4.0	0.0	34.2	34.2
608	40.0	-100.0	4.0	0.0	34.4	34.4
609	60.0	-100.0	4.0	0.0	34.6	34.6
610	80.0	-100.0	4.0	0.0	34.8	34.8
611	100.0	-100.0	4.0	0.0	35.0	35.0
612	120.0	-100.0	4.0	0.0	35.2	35.2
613	140.0	-100.0	4.0	0.0	35.4	35.4
614	160.0	-100.0	4.0	0.0	35.6	35.6
615	180.0	-100.0	4.0	0.0	35.8	35.8
616	200.0	-100.0	4.0	0.0	36.0	36.0
617	220.0	-100.0	4.0	0.0	36.3	36.2
618	240.0	-100.0	4.0	0.0	36.5	36.5
619	260.0	-100.0	4.0	0.0	36.7	36.7
620	280.0	-100.0	4.0	0.0	36.9	36.9
621	300.0	-100.0	4.0	0.0	37.2	37.2
622	320.0	-100.0	4.0	0.0	37.4	37.4
623	340.0	-100.0	4.0	0.0	37.7	37.7
624	360.0	-100.0	4.0	0.0	37.9	37.9
625	380.0	-100.0	4.0	0.0	38.1	38.1
626	400.0	-100.0	4.0	0.0	38.4	38.4
627	420.0	-100.0	4.0	0.0	38.7	38.6
628	440.0	-100.0	4.0	0.0	38.9	38.9
629	460.0	-100.0	4.0	0.0	38.8	38.8

630	480.0	-100.0	4.0	0.0	38.9	38.9
631	500.0	-100.0	4.0	0.0	38.4	38.3
632	520.0	-100.0	4.0	0.0	38.6	38.6
633	540.0	-100.0	4.0	0.0	38.9	38.9
634	560.0	-100.0	4.0	0.0	39.2	39.2
635	580.0	-100.0	4.0	0.0	38.3	38.3
636	600.0	-100.0	4.0	0.0	38.5	38.5
637	620.0	-100.0	4.0	0.0	37.2	37.1
638	640.0	-100.0	4.0	0.0	37.4	37.4
639	660.0	-100.0	4.0	0.0	37.7	37.7
640	680.0	-100.0	4.0	0.0	38.0	38.0
641	700.0	-100.0	4.0	0.0	38.3	38.3
642	720.0	-100.0	4.0	0.0	38.6	38.6
643	740.0	-100.0	4.0	0.0	38.9	38.9
644	760.0	-100.0	4.0	0.0	39.2	39.1
645	780.0	-100.0	4.0	0.0	39.4	39.4
646	800.0	-100.0	4.0	0.0	39.7	39.7
647	820.0	-100.0	4.0	0.0	39.9	39.9
648	840.0	-100.0	4.0	0.0	40.2	40.1
649	860.0	-100.0	4.0	0.0	40.5	40.3
650	880.0	-100.0	4.0	0.0	40.7	40.5
651	900.0	-100.0	4.0	0.0	40.8	40.7
652	920.0	-100.0	4.0	0.0	41.0	40.8
653	940.0	-100.0	4.0	0.0	41.1	40.9
654	960.0	-100.0	4.0	0.0	41.3	41.1
655	980.0	-100.0	4.0	0.0	41.5	41.3
656	1000.0	-100.0	4.0	0.0	41.9	41.7
657	1020.0	-100.0	4.0	0.0	41.3	41.0
658	1040.0	-100.0	4.0	0.0	41.7	41.3
659	1060.0	-100.0	4.0	0.0	41.8	41.0
660	1080.0	-100.0	4.0	0.0	42.1	40.9
661	1100.0	-100.0	4.0	0.0	42.0	40.7
662	1120.0	-100.0	4.0	0.0	42.0	40.8
663	1140.0	-100.0	4.0	0.0	41.8	40.5
664	1160.0	-100.0	4.0	0.0	41.8	40.5
665	1180.0	-100.0	4.0	0.0	41.5	40.2
666	1200.0	-100.0	4.0	0.0	41.3	39.9
667	1220.0	-100.0	4.0	0.0	41.1	39.6
668	1240.0	-100.0	4.0	0.0	40.9	39.4
669	1260.0	-100.0	4.0	0.0	40.8	39.4
670	1280.0	-100.0	4.0	0.0	40.8	39.4
671	1300.0	-100.0	4.0	0.0	40.2	38.5
672	1320.0	-100.0	4.0	0.0	40.0	38.3
673	1340.0	-100.0	4.0	0.0	39.7	38.2
674	1360.0	-100.0	4.0	0.0	39.6	38.3
675	1380.0	-100.0	4.0	0.0	39.7	38.9
676	1400.0	-100.0	4.0	0.0	39.2	38.5
677	1420.0	-100.0	4.0	0.0	38.8	38.4
678	1440.0	-100.0	4.0	0.0	37.0	36.5
679	1460.0	-100.0	4.0	0.0	34.9	34.5
680	1480.0	-100.0	4.0	0.0	32.7	32.3
681	1500.0	-100.0	4.0	0.0	30.3	29.8
682	1520.0	-100.0	4.0	0.0	28.5	27.8
683	1540.0	-100.0	4.0	0.0	28.2	27.5
684	1560.0	-100.0	4.0	0.0	28.0	27.4
685	1580.0	-100.0	4.0	0.0	27.9	27.4
686	1600.0	-100.0	4.0	0.0	28.1	27.6
687	1620.0	-100.0	4.0	0.0	28.1	27.6
688	1640.0	-100.0	4.0	0.0	28.1	27.7
689	1660.0	-100.0	4.0	0.0	27.9	27.4
690	1680.0	-100.0	4.0	0.0	27.6	27.1
691	1700.0	-100.0	4.0	0.0	27.3	26.8
692	1720.0	-100.0	4.0	0.0	27.1	26.5
693	1740.0	-100.0	4.0	0.0	26.8	26.3
694	1760.0	-100.0	4.0	0.0	26.6	26.0
695	1780.0	-100.0	4.0	0.0	26.3	25.8
696	1800.0	-100.0	4.0	0.0	26.1	25.6
697	1820.0	-100.0	4.0	0.0	25.9	25.4
698	1840.0	-100.0	4.0	0.0	25.7	25.2
699	1860.0	-100.0	4.0	0.0	25.5	24.9
700	1880.0	-100.0	4.0	0.0	25.3	24.7
701	1900.0	-100.0	4.0	0.0	25.1	24.5
702	1920.0	-100.0	4.0	0.0	24.9	24.3
703	1940.0	-100.0	4.0	0.0	24.7	24.1
704	1960.0	-100.0	4.0	0.0	24.5	23.9
705	1980.0	-100.0	4.0	0.0	24.3	23.7
706	2000.0	-100.0	4.0	0.0	24.1	23.5
707	2020.0	-100.0	4.0	0.0	23.9	23.3
708	2040.0	-100.0	4.0	0.0	23.7	23.1
709	2060.0	-100.0	4.0	0.0	23.5	23.0
710	2080.0	-100.0	4.0	0.0	23.3	22.8
711	2100.0	-100.0	4.0	0.0	23.1	22.6
712	2120.0	-100.0	4.0	0.0	23.0	22.4
713	2140.0	-100.0	4.0	0.0	22.8	22.2
714	2160.0	-100.0	4.0	0.0	22.6	22.1

715	2180.0	-100.0	4.0	0.0	22.4	21.9
716	2200.0	-100.0	4.0	0.0	22.3	21.7
717	2220.0	-100.0	4.0	0.0	22.1	21.5
718	2240.0	-100.0	4.0	0.0	21.9	21.4
719	2260.0	-100.0	4.0	0.0	21.8	21.2
720	2280.0	-100.0	4.0	0.0	21.6	21.0
721	2300.0	-100.0	4.0	0.0	21.4	20.9
722	2320.0	-100.0	4.0	0.0	21.3	20.7
723	2340.0	-100.0	4.0	0.0	21.1	20.6
724	2360.0	-100.0	4.0	0.0	21.0	20.4
725	2380.0	-100.0	4.0	0.0	20.8	20.3
726	2400.0	-100.0	4.0	0.0	20.6	20.1
727	0.0	-120.0	4.0	0.0	34.1	34.1
728	20.0	-120.0	4.0	0.0	34.3	34.2
729	40.0	-120.0	4.0	0.0	34.5	34.4
730	60.0	-120.0	4.0	0.0	34.7	34.6
731	80.0	-120.0	4.0	0.0	34.8	34.8
732	100.0	-120.0	4.0	0.0	35.0	35.0
733	120.0	-120.0	4.0	0.0	35.3	35.2
734	140.0	-120.0	4.0	0.0	35.5	35.5
735	160.0	-120.0	4.0	0.0	35.7	35.7
736	180.0	-120.0	4.0	0.0	35.9	35.9
737	200.0	-120.0	4.0	0.0	36.1	36.1
738	220.0	-120.0	4.0	0.0	36.4	36.3
739	240.0	-120.0	4.0	0.0	36.6	36.6
740	260.0	-120.0	4.0	0.0	36.8	36.8
741	280.0	-120.0	4.0	0.0	37.1	37.0
742	300.0	-120.0	4.0	0.0	37.3	37.3
743	320.0	-120.0	4.0	0.0	37.5	37.5
744	340.0	-120.0	4.0	0.0	37.8	37.8
745	360.0	-120.0	4.0	0.0	38.0	38.0
746	380.0	-120.0	4.0	0.0	38.3	38.3
747	400.0	-120.0	4.0	0.0	38.5	38.5
748	420.0	-120.0	4.0	0.0	38.8	38.8
749	440.0	-120.0	4.0	0.0	39.1	39.1
750	460.0	-120.0	4.0	0.0	39.0	39.0
751	480.0	-120.0	4.0	0.0	39.1	39.1
752	500.0	-120.0	4.0	0.0	38.5	38.5
753	520.0	-120.0	4.0	0.0	38.8	38.8
754	540.0	-120.0	4.0	0.0	39.1	39.1
755	560.0	-120.0	4.0	0.0	39.4	39.4
756	580.0	-120.0	4.0	0.0	38.5	38.5
757	600.0	-120.0	4.0	0.0	38.8	38.7
758	620.0	-120.0	4.0	0.0	37.4	37.4
759	640.0	-120.0	4.0	0.0	37.7	37.7
760	660.0	-120.0	4.0	0.0	38.0	38.0
761	680.0	-120.0	4.0	0.0	38.3	38.3
762	700.0	-120.0	4.0	0.0	38.6	38.6
763	720.0	-120.0	4.0	0.0	38.9	38.9
764	740.0	-120.0	4.0	0.0	39.2	39.2
765	760.0	-120.0	4.0	0.0	39.5	39.5
766	780.0	-120.0	4.0	0.0	39.8	39.8
767	800.0	-120.0	4.0	0.0	40.1	40.1
768	820.0	-120.0	4.0	0.0	40.4	40.3
769	840.0	-120.0	4.0	0.0	40.6	40.6
770	860.0	-120.0	4.0	0.0	40.9	40.8
771	880.0	-120.0	4.0	0.0	41.2	41.0
772	900.0	-120.0	4.0	0.0	41.4	41.2
773	920.0	-120.0	4.0	0.0	41.5	41.4
774	940.0	-120.0	4.0	0.0	41.7	41.5
775	960.0	-120.0	4.0	0.0	41.8	41.6
776	980.0	-120.0	4.0	0.0	42.0	41.8
777	1000.0	-120.0	4.0	0.0	42.5	42.3
778	1020.0	-120.0	4.0	0.0	41.9	41.6
779	1040.0	-120.0	4.0	0.0	42.2	41.9
780	1060.0	-120.0	4.0	0.0	42.3	41.6
781	1080.0	-120.0	4.0	0.0	42.6	41.4
782	1100.0	-120.0	4.0	0.0	42.5	41.3
783	1120.0	-120.0	4.0	0.0	42.5	41.3
784	1140.0	-120.0	4.0	0.0	42.3	41.0
785	1160.0	-120.0	4.0	0.0	42.2	40.9
786	1180.0	-120.0	4.0	0.0	42.0	40.6
787	1200.0	-120.0	4.0	0.0	41.7	40.3
788	1220.0	-120.0	4.0	0.0	41.4	40.0
789	1240.0	-120.0	4.0	0.0	41.2	39.8
790	1260.0	-120.0	4.0	0.0	41.1	39.7
791	1280.0	-120.0	4.0	0.0	41.1	39.7
792	1300.0	-120.0	4.0	0.0	40.5	38.8
793	1320.0	-120.0	4.0	0.0	40.2	38.6
794	1340.0	-120.0	4.0	0.0	39.9	38.4
795	1360.0	-120.0	4.0	0.0	39.6	38.5
796	1380.0	-120.0	4.0	0.0	39.5	38.7
797	1400.0	-120.0	4.0	0.0	38.1	37.5
798	1420.0	-120.0	4.0	0.0	36.8	36.2
799	1440.0	-120.0	4.0	0.0	34.4	34.0

800	1460.0	-120.0	4.0	0.0	31.9	31.5
801	1480.0	-120.0	4.0	0.0	29.4	28.7
802	1500.0	-120.0	4.0	0.0	28.9	28.2
803	1520.0	-120.0	4.0	0.0	28.6	27.9
804	1540.0	-120.0	4.0	0.0	28.3	27.7
805	1560.0	-120.0	4.0	0.0	28.1	27.5
806	1580.0	-120.0	4.0	0.0	28.1	27.5
807	1600.0	-120.0	4.0	0.0	28.3	27.8
808	1620.0	-120.0	4.0	0.0	28.2	27.7
809	1640.0	-120.0	4.0	0.0	28.3	27.8
810	1660.0	-120.0	4.0	0.0	28.0	27.5
811	1680.0	-120.0	4.0	0.0	27.8	27.2
812	1700.0	-120.0	4.0	0.0	27.4	26.9
813	1720.0	-120.0	4.0	0.0	27.2	26.7
814	1740.0	-120.0	4.0	0.0	26.9	26.4
815	1760.0	-120.0	4.0	0.0	26.7	26.1
816	1780.0	-120.0	4.0	0.0	26.4	25.9
817	1800.0	-120.0	4.0	0.0	26.2	25.7
818	1820.0	-120.0	4.0	0.0	26.0	25.5
819	1840.0	-120.0	4.0	0.0	25.8	25.2
820	1860.0	-120.0	4.0	0.0	25.6	25.0
821	1880.0	-120.0	4.0	0.0	25.4	24.8
822	1900.0	-120.0	4.0	0.0	25.1	24.6
823	1920.0	-120.0	4.0	0.0	24.9	24.4
824	1940.0	-120.0	4.0	0.0	24.7	24.2
825	1960.0	-120.0	4.0	0.0	24.5	24.0
826	1980.0	-120.0	4.0	0.0	24.3	23.8
827	2000.0	-120.0	4.0	0.0	24.1	23.6
828	2020.0	-120.0	4.0	0.0	23.9	23.4
829	2040.0	-120.0	4.0	0.0	23.7	23.2
830	2060.0	-120.0	4.0	0.0	23.6	23.0
831	2080.0	-120.0	4.0	0.0	23.4	22.8
832	2100.0	-120.0	4.0	0.0	23.2	22.6
833	2120.0	-120.0	4.0	0.0	23.0	22.5
834	2140.0	-120.0	4.0	0.0	22.8	22.3
835	2160.0	-120.0	4.0	0.0	22.7	22.1
836	2180.0	-120.0	4.0	0.0	22.5	21.9
837	2200.0	-120.0	4.0	0.0	22.3	21.8
838	2220.0	-120.0	4.0	0.0	22.1	21.6
839	2240.0	-120.0	4.0	0.0	22.0	21.4
840	2260.0	-120.0	4.0	0.0	21.8	21.3
841	2280.0	-120.0	4.0	0.0	21.6	21.1
842	2300.0	-120.0	4.0	0.0	21.5	20.9
843	2320.0	-120.0	4.0	0.0	21.3	20.8
844	2340.0	-120.0	4.0	0.0	21.1	20.6
845	2360.0	-120.0	4.0	0.0	21.0	20.4
846	2380.0	-120.0	4.0	0.0	20.8	20.3
847	2400.0	-120.0	4.0	0.0	20.7	20.1
848	0.0	-140.0	4.0	0.0	34.1	34.1
849	20.0	-140.0	4.0	0.0	34.3	34.3
850	40.0	-140.0	4.0	0.0	34.5	34.5
851	60.0	-140.0	4.0	0.0	34.7	34.7
852	80.0	-140.0	4.0	0.0	34.9	34.9
853	100.0	-140.0	4.0	0.0	35.1	35.1
854	120.0	-140.0	4.0	0.0	35.3	35.3
855	140.0	-140.0	4.0	0.0	35.5	35.5
856	160.0	-140.0	4.0	0.0	35.8	35.8
857	180.0	-140.0	4.0	0.0	36.0	36.0
858	200.0	-140.0	4.0	0.0	36.2	36.2
859	220.0	-140.0	4.0	0.0	36.4	36.4
860	240.0	-140.0	4.0	0.0	36.7	36.7
861	260.0	-140.0	4.0	0.0	36.9	36.9
862	280.0	-140.0	4.0	0.0	37.2	37.1
863	300.0	-140.0	4.0	0.0	37.4	37.4
864	320.0	-140.0	4.0	0.0	37.6	37.6
865	340.0	-140.0	4.0	0.0	37.9	37.9
866	360.0	-140.0	4.0	0.0	38.1	38.1
867	380.0	-140.0	4.0	0.0	38.4	38.4
868	400.0	-140.0	4.0	0.0	38.7	38.7
869	420.0	-140.0	4.0	0.0	38.9	38.9
870	440.0	-140.0	4.0	0.0	39.2	39.2
871	460.0	-140.0	4.0	0.0	39.1	39.1
872	480.0	-140.0	4.0	0.0	39.2	39.2
873	500.0	-140.0	4.0	0.0	38.7	38.7
874	520.0	-140.0	4.0	0.0	39.0	39.0
875	540.0	-140.0	4.0	0.0	39.3	39.3
876	560.0	-140.0	4.0	0.0	39.6	39.6
877	580.0	-140.0	4.0	0.0	38.7	38.7
878	600.0	-140.0	4.0	0.0	39.0	39.0
879	620.0	-140.0	4.0	0.0	37.6	37.6
880	640.0	-140.0	4.0	0.0	38.0	37.9
881	660.0	-140.0	4.0	0.0	38.3	38.3
882	680.0	-140.0	4.0	0.0	38.6	38.6
883	700.0	-140.0	4.0	0.0	38.9	38.9
884	720.0	-140.0	4.0	0.0	39.2	39.2

885	740.0	-140.0	4.0	0.0	39.6	39.6
886	760.0	-140.0	4.0	0.0	39.9	39.9
887	780.0	-140.0	4.0	0.0	40.2	40.2
888	800.0	-140.0	4.0	0.0	40.5	40.5
889	820.0	-140.0	4.0	0.0	40.8	40.8
890	840.0	-140.0	4.0	0.0	41.1	41.1
891	860.0	-140.0	4.0	0.0	41.4	41.3
892	880.0	-140.0	4.0	0.0	41.6	41.6
893	900.0	-140.0	4.0	0.0	41.9	41.8
894	920.0	-140.0	4.0	0.0	42.1	41.9
895	940.0	-140.0	4.0	0.0	42.3	42.1
896	960.0	-140.0	4.0	0.0	42.4	42.2
897	980.0	-140.0	4.0	0.0	42.6	42.4
898	1000.0	-140.0	4.0	0.0	43.1	42.9
899	1020.0	-140.0	4.0	0.0	42.5	42.2
900	1040.0	-140.0	4.0	0.0	42.8	42.4
901	1060.0	-140.0	4.0	0.0	42.9	42.2
902	1080.0	-140.0	4.0	0.0	43.2	42.0
903	1100.0	-140.0	4.0	0.0	43.0	41.8
904	1120.0	-140.0	4.0	0.0	43.0	41.8
905	1140.0	-140.0	4.0	0.0	42.8	41.5
906	1160.0	-140.0	4.0	0.0	42.6	41.4
907	1180.0	-140.0	4.0	0.0	42.4	41.0
908	1200.0	-140.0	4.0	0.0	42.1	40.7
909	1220.0	-140.0	4.0	0.0	41.8	40.4
910	1240.0	-140.0	4.0	0.0	41.6	40.2
911	1260.0	-140.0	4.0	0.0	41.5	40.0
912	1280.0	-140.0	4.0	0.0	41.5	40.0
913	1300.0	-140.0	4.0	0.0	40.8	39.1
914	1320.0	-140.0	4.0	0.0	40.5	38.8
915	1340.0	-140.0	4.0	0.0	39.9	38.6
916	1360.0	-140.0	4.0	0.0	39.0	38.0
917	1380.0	-140.0	4.0	0.0	37.9	37.0
918	1400.0	-140.0	4.0	0.0	35.9	35.0
919	1420.0	-140.0	4.0	0.0	33.8	33.2
920	1440.0	-140.0	4.0	0.0	30.0	29.2
921	1460.0	-140.0	4.0	0.0	29.7	28.9
922	1480.0	-140.0	4.0	0.0	29.4	28.6
923	1500.0	-140.0	4.0	0.0	29.0	28.3
924	1520.0	-140.0	4.0	0.0	28.7	28.1
925	1540.0	-140.0	4.0	0.0	28.4	27.8
926	1560.0	-140.0	4.0	0.0	28.2	27.7
927	1580.0	-140.0	4.0	0.0	28.2	27.7
928	1600.0	-140.0	4.0	0.0	28.4	27.9
929	1620.0	-140.0	4.0	0.0	28.4	27.8
930	1640.0	-140.0	4.0	0.0	28.4	27.9
931	1660.0	-140.0	4.0	0.0	28.2	27.7
932	1680.0	-140.0	4.0	0.0	27.9	27.4
933	1700.0	-140.0	4.0	0.0	27.6	27.1
934	1720.0	-140.0	4.0	0.0	27.3	26.8
935	1740.0	-140.0	4.0	0.0	27.1	26.5
936	1760.0	-140.0	4.0	0.0	26.8	26.2
937	1780.0	-140.0	4.0	0.0	26.5	26.0
938	1800.0	-140.0	4.0	0.0	26.3	25.8
939	1820.0	-140.0	4.0	0.0	26.1	25.5
940	1840.0	-140.0	4.0	0.0	25.9	25.3
941	1860.0	-140.0	4.0	0.0	25.6	25.1
942	1880.0	-140.0	4.0	0.0	25.4	24.9
943	1900.0	-140.0	4.0	0.0	25.2	24.7
944	1920.0	-140.0	4.0	0.0	25.0	24.5
945	1940.0	-140.0	4.0	0.0	24.8	24.3
946	1960.0	-140.0	4.0	0.0	24.6	24.1
947	1980.0	-140.0	4.0	0.0	24.4	23.8
948	2000.0	-140.0	4.0	0.0	24.2	23.6
949	2020.0	-140.0	4.0	0.0	24.0	23.5
950	2040.0	-140.0	4.0	0.0	23.8	23.3
951	2060.0	-140.0	4.0	0.0	23.6	23.1
952	2080.0	-140.0	4.0	0.0	23.4	22.9
953	2100.0	-140.0	4.0	0.0	23.2	22.7
954	2120.0	-140.0	4.0	0.0	23.1	22.5
955	2140.0	-140.0	4.0	0.0	22.9	22.3
956	2160.0	-140.0	4.0	0.0	22.7	22.2
957	2180.0	-140.0	4.0	0.0	22.5	22.0
958	2200.0	-140.0	4.0	0.0	22.4	21.8
959	2220.0	-140.0	4.0	0.0	22.2	21.6
960	2240.0	-140.0	4.0	0.0	22.0	21.5
961	2260.0	-140.0	4.0	0.0	21.8	21.3
962	2280.0	-140.0	4.0	0.0	21.7	21.1
963	2300.0	-140.0	4.0	0.0	21.5	21.0
964	2320.0	-140.0	4.0	0.0	21.3	20.8
965	2340.0	-140.0	4.0	0.0	21.2	20.6
966	2360.0	-140.0	4.0	0.0	21.0	20.5
967	2380.0	-140.0	4.0	0.0	20.9	20.3
968	2400.0	-140.0	4.0	0.0	20.7	20.2
969	0.0	-160.0	4.0	0.0	34.2	34.2

970	20.0	-160.0	4.0	0.0	34.4	34.4
971	40.0	-160.0	4.0	0.0	34.6	34.6
972	60.0	-160.0	4.0	0.0	34.8	34.8
973	80.0	-160.0	4.0	0.0	35.0	35.0
974	100.0	-160.0	4.0	0.0	35.2	35.2
975	120.0	-160.0	4.0	0.0	35.4	35.4
976	140.0	-160.0	4.0	0.0	35.6	35.6
977	160.0	-160.0	4.0	0.0	35.8	35.8
978	180.0	-160.0	4.0	0.0	36.1	36.1
979	200.0	-160.0	4.0	0.0	36.3	36.3
980	220.0	-160.0	4.0	0.0	36.5	36.5
981	240.0	-160.0	4.0	0.0	36.8	36.8
982	260.0	-160.0	4.0	0.0	37.0	37.0
983	280.0	-160.0	4.0	0.0	37.2	37.2
984	300.0	-160.0	4.0	0.0	37.5	37.5
985	320.0	-160.0	4.0	0.0	37.8	37.7
986	340.0	-160.0	4.0	0.0	38.0	38.0
987	360.0	-160.0	4.0	0.0	38.3	38.3
988	380.0	-160.0	4.0	0.0	38.5	38.5
989	400.0	-160.0	4.0	0.0	38.8	38.8
990	420.0	-160.0	4.0	0.0	39.1	39.1
991	440.0	-160.0	4.0	0.0	39.4	39.3
992	460.0	-160.0	4.0	0.0	39.3	39.3
993	480.0	-160.0	4.0	0.0	39.4	39.4
994	500.0	-160.0	4.0	0.0	38.9	38.8
995	520.0	-160.0	4.0	0.0	39.1	39.1
996	540.0	-160.0	4.0	0.0	39.5	39.4
997	560.0	-160.0	4.0	0.0	39.8	39.8
998	580.0	-160.0	4.0	0.0	39.0	38.9
999	600.0	-160.0	4.0	0.0	39.2	39.2
1000	620.0	-160.0	4.0	0.0	37.9	37.9
1001	640.0	-160.0	4.0	0.0	38.2	38.2
1002	660.0	-160.0	4.0	0.0	38.6	38.5
1003	680.0	-160.0	4.0	0.0	38.9	38.9
1004	700.0	-160.0	4.0	0.0	39.2	39.2
1005	720.0	-160.0	4.0	0.0	39.6	39.6
1006	740.0	-160.0	4.0	0.0	39.9	39.9
1007	760.0	-160.0	4.0	0.0	40.3	40.3
1008	780.0	-160.0	4.0	0.0	40.6	40.6
1009	800.0	-160.0	4.0	0.0	41.0	41.0
1010	820.0	-160.0	4.0	0.0	41.3	41.3
1011	840.0	-160.0	4.0	0.0	41.6	41.6
1012	860.0	-160.0	4.0	0.0	41.9	41.9
1013	880.0	-160.0	4.0	0.0	42.2	42.2
1014	900.0	-160.0	4.0	0.0	42.5	42.4
1015	920.0	-160.0	4.0	0.0	42.7	42.5
1016	940.0	-160.0	4.0	0.0	42.9	42.7
1017	960.0	-160.0	4.0	0.0	43.0	42.9
1018	980.0	-160.0	4.0	0.0	43.2	43.1
1019	1000.0	-160.0	4.0	0.0	43.7	43.5
1020	1020.0	-160.0	4.0	0.0	43.1	42.9
1021	1040.0	-160.0	4.0	0.0	43.4	43.0
1022	1060.0	-160.0	4.0	0.0	43.5	42.8
1023	1080.0	-160.0	4.0	0.0	43.8	42.6
1024	1100.0	-160.0	4.0	0.0	43.6	42.4
1025	1120.0	-160.0	4.0	0.0	43.5	42.3
1026	1140.0	-160.0	4.0	0.0	43.3	42.0
1027	1160.0	-160.0	4.0	0.0	43.2	41.8
1028	1180.0	-160.0	4.0	0.0	42.8	41.5
1029	1200.0	-160.0	4.0	0.0	42.5	41.1
1030	1220.0	-160.0	4.0	0.0	42.2	40.8
1031	1240.0	-160.0	4.0	0.0	42.0	40.5
1032	1260.0	-160.0	4.0	0.0	41.9	40.3
1033	1280.0	-160.0	4.0	0.0	41.8	40.3
1034	1300.0	-160.0	4.0	0.0	41.0	39.4
1035	1320.0	-160.0	4.0	0.0	40.4	39.0
1036	1340.0	-160.0	4.0	0.0	38.9	37.5
1037	1360.0	-160.0	4.0	0.0	37.0	35.7
1038	1380.0	-160.0	4.0	0.0	30.8	29.5
1039	1400.0	-160.0	4.0	0.0	30.2	29.3
1040	1420.0	-160.0	4.0	0.0	30.5	29.8
1041	1440.0	-160.0	4.0	0.0	30.2	29.4
1042	1460.0	-160.0	4.0	0.0	29.9	29.1
1043	1480.0	-160.0	4.0	0.0	29.5	28.8
1044	1500.0	-160.0	4.0	0.0	29.1	28.5
1045	1520.0	-160.0	4.0	0.0	28.8	28.2
1046	1540.0	-160.0	4.0	0.0	28.6	28.0
1047	1560.0	-160.0	4.0	0.0	28.4	27.8
1048	1580.0	-160.0	4.0	0.0	28.4	27.8
1049	1600.0	-160.0	4.0	0.0	28.6	28.0
1050	1620.0	-160.0	4.0	0.0	28.5	27.9
1051	1640.0	-160.0	4.0	0.0	28.5	28.0
1052	1660.0	-160.0	4.0	0.0	28.3	27.8
1053	1680.0	-160.0	4.0	0.0	28.0	27.5
1054	1700.0	-160.0	4.0	0.0	27.7	27.2

1055	1720.0	-160.0	4.0	0.0	27.4	26.9
1056	1740.0	-160.0	4.0	0.0	27.1	26.6
1057	1760.0	-160.0	4.0	0.0	26.9	26.3
1058	1780.0	-160.0	4.0	0.0	26.6	26.1
1059	1800.0	-160.0	4.0	0.0	26.4	25.8
1060	1820.0	-160.0	4.0	0.0	26.2	25.6
1061	1840.0	-160.0	4.0	0.0	25.9	25.4
1062	1860.0	-160.0	4.0	0.0	25.7	25.2
1063	1880.0	-160.0	4.0	0.0	25.5	25.0
1064	1900.0	-160.0	4.0	0.0	25.3	24.8
1065	1920.0	-160.0	4.0	0.0	25.1	24.5
1066	1940.0	-160.0	4.0	0.0	24.9	24.3
1067	1960.0	-160.0	4.0	0.0	24.7	24.1
1068	1980.0	-160.0	4.0	0.0	24.5	23.9
1069	2000.0	-160.0	4.0	0.0	24.3	23.7
1070	2020.0	-160.0	4.0	0.0	24.1	23.5
1071	2040.0	-160.0	4.0	0.0	23.9	23.3
1072	2060.0	-160.0	4.0	0.0	23.7	23.1
1073	2080.0	-160.0	4.0	0.0	23.5	22.9
1074	2100.0	-160.0	4.0	0.0	23.3	22.7
1075	2120.0	-160.0	4.0	0.0	23.1	22.6
1076	2140.0	-160.0	4.0	0.0	22.9	22.4
1077	2160.0	-160.0	4.0	0.0	22.7	22.2
1078	2180.0	-160.0	4.0	0.0	22.6	22.0
1079	2200.0	-160.0	4.0	0.0	22.4	21.8
1080	2220.0	-160.0	4.0	0.0	22.2	21.7
1081	2240.0	-160.0	4.0	0.0	22.1	21.5
1082	2260.0	-160.0	4.0	0.0	21.9	21.3
1083	2280.0	-160.0	4.0	0.0	21.7	21.2
1084	2300.0	-160.0	4.0	0.0	21.5	21.0
1085	2320.0	-160.0	4.0	0.0	21.4	20.8
1086	2340.0	-160.0	4.0	0.0	21.2	20.7
1087	2360.0	-160.0	4.0	0.0	21.1	20.5
1088	2380.0	-160.0	4.0	0.0	20.9	20.4
1089	2400.0	-160.0	4.0	0.0	20.7	20.2
1090	0.0	-180.0	4.0	0.0	34.2	34.2
1091	20.0	-180.0	4.0	0.0	34.4	34.4
1092	40.0	-180.0	4.0	0.0	34.6	34.6
1093	60.0	-180.0	4.0	0.0	34.8	34.8
1094	80.0	-180.0	4.0	0.0	35.0	35.0
1095	100.0	-180.0	4.0	0.0	35.2	35.2
1096	120.0	-180.0	4.0	0.0	35.5	35.5
1097	140.0	-180.0	4.0	0.0	35.7	35.7
1098	160.0	-180.0	4.0	0.0	35.9	35.9
1099	180.0	-180.0	4.0	0.0	36.1	36.1
1100	200.0	-180.0	4.0	0.0	36.4	36.4
1101	220.0	-180.0	4.0	0.0	36.6	36.6
1102	240.0	-180.0	4.0	0.0	36.8	36.8
1103	260.0	-180.0	4.0	0.0	37.1	37.1
1104	280.0	-180.0	4.0	0.0	37.3	37.3
1105	300.0	-180.0	4.0	0.0	37.6	37.6
1106	320.0	-180.0	4.0	0.0	37.9	37.8
1107	340.0	-180.0	4.0	0.0	38.1	38.1
1108	360.0	-180.0	4.0	0.0	38.4	38.4
1109	380.0	-180.0	4.0	0.0	38.6	38.6
1110	400.0	-180.0	4.0	0.0	38.9	38.9
1111	420.0	-180.0	4.0	0.0	39.2	39.2
1112	440.0	-180.0	4.0	0.0	39.5	39.5
1113	460.0	-180.0	4.0	0.0	39.4	39.4
1114	480.0	-180.0	4.0	0.0	39.5	39.5
1115	500.0	-180.0	4.0	0.0	39.0	39.0
1116	520.0	-180.0	4.0	0.0	39.3	39.3
1117	540.0	-180.0	4.0	0.0	39.6	39.6
1118	560.0	-180.0	4.0	0.0	40.0	40.0
1119	580.0	-180.0	4.0	0.0	39.2	39.1
1120	600.0	-180.0	4.0	0.0	39.4	39.4
1121	620.0	-180.0	4.0	0.0	38.1	38.1
1122	640.0	-180.0	4.0	0.0	38.5	38.5
1123	660.0	-180.0	4.0	0.0	38.8	38.8
1124	680.0	-180.0	4.0	0.0	39.2	39.2
1125	700.0	-180.0	4.0	0.0	39.5	39.5
1126	720.0	-180.0	4.0	0.0	39.9	39.9
1127	740.0	-180.0	4.0	0.0	40.3	40.3
1128	760.0	-180.0	4.0	0.0	40.7	40.7
1129	780.0	-180.0	4.0	0.0	41.1	41.1
1130	800.0	-180.0	4.0	0.0	41.5	41.4
1131	820.0	-180.0	4.0	0.0	41.8	41.8
1132	840.0	-180.0	4.0	0.0	42.1	42.1
1133	860.0	-180.0	4.0	0.0	42.4	42.4
1134	880.0	-180.0	4.0	0.0	42.8	42.7
1135	900.0	-180.0	4.0	0.0	43.0	43.0
1136	920.0	-180.0	4.0	0.0	43.3	43.2
1137	940.0	-180.0	4.0	0.0	43.5	43.3
1138	960.0	-180.0	4.0	0.0	43.7	43.5
1139	980.0	-180.0	4.0	0.0	43.9	43.7



1140	1000.0	-180.0	4.0	0.0	44.4	44.2
1141	1020.0	-180.0	4.0	0.0	43.8	43.6
1142	1040.0	-180.0	4.0	0.0	44.0	43.6
1143	1060.0	-180.0	4.0	0.0	44.1	43.4
1144	1080.0	-180.0	4.0	0.0	44.4	43.2
1145	1100.0	-180.0	4.0	0.0	44.2	43.0
1146	1120.0	-180.0	4.0	0.0	44.0	42.8
1147	1140.0	-180.0	4.0	0.0	43.8	42.5
1148	1160.0	-180.0	4.0	0.0	43.6	42.3
1149	1180.0	-180.0	4.0	0.0	43.3	41.9
1150	1200.0	-180.0	4.0	0.0	42.9	41.5
1151	1220.0	-180.0	4.0	0.0	42.7	41.2
1152	1240.0	-180.0	4.0	0.0	42.5	40.9
1153	1260.0	-180.0	4.0	0.0	42.2	40.7
1154	1280.0	-180.0	4.0	0.0	42.1	40.6
1155	1300.0	-180.0	4.0	0.0	41.2	39.6
1156	1320.0	-180.0	4.0	0.0	31.0	29.3
1157	1340.0	-180.0	4.0	0.0	30.8	29.1
1158	1360.0	-180.0	4.0	0.0	30.7	29.1
1159	1380.0	-180.0	4.0	0.0	31.1	29.7
1160	1400.0	-180.0	4.0	0.0	30.4	29.5
1161	1420.0	-180.0	4.0	0.0	30.7	30.0
1162	1440.0	-180.0	4.0	0.0	30.3	29.6
1163	1460.0	-180.0	4.0	0.0	30.0	29.3
1164	1480.0	-180.0	4.0	0.0	29.6	29.0
1165	1500.0	-180.0	4.0	0.0	29.3	28.6
1166	1520.0	-180.0	4.0	0.0	29.0	28.3
1167	1540.0	-180.0	4.0	0.0	28.7	28.1
1168	1560.0	-180.0	4.0	0.0	28.5	27.9
1169	1580.0	-180.0	4.0	0.0	28.5	27.9
1170	1600.0	-180.0	4.0	0.0	28.7	28.1
1171	1620.0	-180.0	4.0	0.0	28.6	28.1
1172	1640.0	-180.0	4.0	0.0	28.7	28.1
1173	1660.0	-180.0	4.0	0.0	28.4	27.9
1174	1680.0	-180.0	4.0	0.0	28.1	27.6
1175	1700.0	-180.0	4.0	0.0	27.9	27.3
1176	1720.0	-180.0	4.0	0.0	27.5	27.0
1177	1740.0	-180.0	4.0	0.0	27.2	26.7
1178	1760.0	-180.0	4.0	0.0	27.0	26.4
1179	1780.0	-180.0	4.0	0.0	26.7	26.2
1180	1800.0	-180.0	4.0	0.0	26.5	25.9
1181	1820.0	-180.0	4.0	0.0	26.2	25.7
1182	1840.0	-180.0	4.0	0.0	26.0	25.5
1183	1860.0	-180.0	4.0	0.0	25.8	25.3
1184	1880.0	-180.0	4.0	0.0	25.6	25.0
1185	1900.0	-180.0	4.0	0.0	25.4	24.8
1186	1920.0	-180.0	4.0	0.0	25.2	24.6
1187	1940.0	-180.0	4.0	0.0	24.9	24.4
1188	1960.0	-180.0	4.0	0.0	24.7	24.2
1189	1980.0	-180.0	4.0	0.0	24.5	24.0
1190	2000.0	-180.0	4.0	0.0	24.3	23.8
1191	2020.0	-180.0	4.0	0.0	24.1	23.6
1192	2040.0	-180.0	4.0	0.0	23.9	23.4
1193	2060.0	-180.0	4.0	0.0	23.7	23.2
1194	2080.0	-180.0	4.0	0.0	23.5	23.0
1195	2100.0	-180.0	4.0	0.0	23.3	22.8
1196	2120.0	-180.0	4.0	0.0	23.2	22.6
1197	2140.0	-180.0	4.0	0.0	23.0	22.4
1198	2160.0	-180.0	4.0	0.0	22.8	22.2
1199	2180.0	-180.0	4.0	0.0	22.6	22.1
1200	2200.0	-180.0	4.0	0.0	22.4	21.9
1201	2220.0	-180.0	4.0	0.0	22.3	21.7
1202	2240.0	-180.0	4.0	0.0	22.1	21.5
1203	2260.0	-180.0	4.0	0.0	21.9	21.4
1204	2280.0	-180.0	4.0	0.0	21.8	21.2
1205	2300.0	-180.0	4.0	0.0	21.6	21.0
1206	2320.0	-180.0	4.0	0.0	21.4	20.9
1207	2340.0	-180.0	4.0	0.0	21.3	20.7
1208	2360.0	-180.0	4.0	0.0	21.1	20.5
1209	2380.0	-180.0	4.0	0.0	20.9	20.4
1210	2400.0	-180.0	4.0	0.0	20.8	20.2
1211	0.0	-200.0	4.0	0.0	34.3	34.3
1212	20.0	-200.0	4.0	0.0	34.5	34.5
1213	40.0	-200.0	4.0	0.0	34.7	34.7
1214	60.0	-200.0	4.0	0.0	34.9	34.9
1215	80.0	-200.0	4.0	0.0	35.1	35.1
1216	100.0	-200.0	4.0	0.0	35.3	35.3
1217	120.0	-200.0	4.0	0.0	35.5	35.5
1218	140.0	-200.0	4.0	0.0	35.7	35.7
1219	160.0	-200.0	4.0	0.0	36.0	36.0
1220	180.0	-200.0	4.0	0.0	36.2	36.2
1221	200.0	-200.0	4.0	0.0	36.4	36.4
1222	220.0	-200.0	4.0	0.0	36.7	36.7
1223	240.0	-200.0	4.0	0.0	36.9	36.9
1224	260.0	-200.0	4.0	0.0	37.2	37.2

1225	280.0	-200.0	4.0	0.0	37.4	37.4
1226	300.0	-200.0	4.0	0.0	37.7	37.7
1227	320.0	-200.0	4.0	0.0	37.9	37.9
1228	340.0	-200.0	4.0	0.0	38.2	38.2
1229	360.0	-200.0	4.0	0.0	38.5	38.5
1230	380.0	-200.0	4.0	0.0	38.7	38.7
1231	400.0	-200.0	4.0	0.0	39.0	39.0
1232	420.0	-200.0	4.0	0.0	39.3	39.3
1233	440.0	-200.0	4.0	0.0	39.6	39.6
1234	460.0	-200.0	4.0	0.0	39.5	39.5
1235	480.0	-200.0	4.0	0.0	39.7	39.6
1236	500.0	-200.0	4.0	0.0	39.1	39.1
1237	520.0	-200.0	4.0	0.0	39.5	39.4
1238	540.0	-200.0	4.0	0.0	39.8	39.8
1239	560.0	-200.0	4.0	0.0	40.1	40.1
1240	580.0	-200.0	4.0	0.0	39.4	39.3
1241	600.0	-200.0	4.0	0.0	39.6	39.6
1242	620.0	-200.0	4.0	0.0	38.3	38.3
1243	640.0	-200.0	4.0	0.0	38.7	38.7
1244	660.0	-200.0	4.0	0.0	39.1	39.1
1245	680.0	-200.0	4.0	0.0	39.5	39.5
1246	700.0	-200.0	4.0	0.0	39.9	39.8
1247	720.0	-200.0	4.0	0.0	40.3	40.2
1248	740.0	-200.0	4.0	0.0	40.7	40.7
1249	760.0	-200.0	4.0	0.0	41.1	41.1
1250	780.0	-200.0	4.0	0.0	41.5	41.5
1251	800.0	-200.0	4.0	0.0	41.9	41.9
1252	820.0	-200.0	4.0	0.0	42.3	42.3
1253	840.0	-200.0	4.0	0.0	42.7	42.7
1254	860.0	-200.0	4.0	0.0	43.0	43.0
1255	880.0	-200.0	4.0	0.0	43.3	43.3
1256	900.0	-200.0	4.0	0.0	43.6	43.6
1257	920.0	-200.0	4.0	0.0	43.8	43.8
1258	940.0	-200.0	4.0	0.0	44.1	44.0
1259	960.0	-200.0	4.0	0.0	44.3	44.1
1260	980.0	-200.0	4.0	0.0	44.5	44.3
1261	1000.0	-200.0	4.0	0.0	45.0	44.8
1262	1020.0	-200.0	4.0	0.0	44.4	44.2
1263	1040.0	-200.0	4.0	0.0	44.6	44.3
1264	1060.0	-200.0	4.0	0.0	44.7	44.1
1265	1080.0	-200.0	4.0	0.0	45.0	43.9
1266	1100.0	-200.0	4.0	0.0	44.9	43.7
1267	1120.0	-200.0	4.0	0.0	44.6	43.4
1268	1140.0	-200.0	4.0	0.0	44.4	43.1
1269	1160.0	-200.0	4.0	0.0	44.1	42.8
1270	1180.0	-200.0	4.0	0.0	43.7	42.4
1271	1200.0	-200.0	4.0	0.0	43.4	41.9
1272	1220.0	-200.0	4.0	0.0	43.1	41.5
1273	1240.0	-200.0	4.0	0.0	42.8	41.2
1274	1260.0	-200.0	4.0	0.0	42.5	41.0
1275	1280.0	-200.0	4.0	0.0	42.4	40.9
1276	1300.0	-200.0	4.0	0.0	40.2	38.6
1277	1320.0	-200.0	4.0	0.0	31.3	29.5
1278	1340.0	-200.0	4.0	0.0	31.0	29.3
1279	1360.0	-200.0	4.0	0.0	30.9	29.3
1280	1380.0	-200.0	4.0	0.0	30.8	29.9
1281	1400.0	-200.0	4.0	0.0	30.6	29.7
1282	1420.0	-200.0	4.0	0.0	30.9	30.1
1283	1440.0	-200.0	4.0	0.0	30.5	29.8
1284	1460.0	-200.0	4.0	0.0	30.1	29.4
1285	1480.0	-200.0	4.0	0.0	29.8	29.1
1286	1500.0	-200.0	4.0	0.0	29.4	28.8
1287	1520.0	-200.0	4.0	0.0	29.1	28.5
1288	1540.0	-200.0	4.0	0.0	28.9	28.2
1289	1560.0	-200.0	4.0	0.0	28.7	28.0
1290	1580.0	-200.0	4.0	0.0	28.7	28.0
1291	1600.0	-200.0	4.0	0.0	28.8	28.2
1292	1620.0	-200.0	4.0	0.0	28.7	28.2
1293	1640.0	-200.0	4.0	0.0	28.8	28.2
1294	1660.0	-200.0	4.0	0.0	28.5	28.0
1295	1680.0	-200.0	4.0	0.0	28.2	27.7
1296	1700.0	-200.0	4.0	0.0	28.0	27.4
1297	1720.0	-200.0	4.0	0.0	27.6	27.1
1298	1740.0	-200.0	4.0	0.0	27.3	26.8
1299	1760.0	-200.0	4.0	0.0	27.1	26.5
1300	1780.0	-200.0	4.0	0.0	26.8	26.2
1301	1800.0	-200.0	4.0	0.0	26.5	26.0
1302	1820.0	-200.0	4.0	0.0	26.3	25.8
1303	1840.0	-200.0	4.0	0.0	26.1	25.5
1304	1860.0	-200.0	4.0	0.0	25.9	25.3
1305	1880.0	-200.0	4.0	0.0	25.7	25.1
1306	1900.0	-200.0	4.0	0.0	25.4	24.9
1307	1920.0	-200.0	4.0	0.0	25.2	24.7
1308	1940.0	-200.0	4.0	0.0	25.0	24.5
1309	1960.0	-200.0	4.0	0.0	24.8	24.2

1310	1980.0	-200.0	4.0	0.0	24.6	24.0
1311	2000.0	-200.0	4.0	0.0	24.4	23.8
1312	2020.0	-200.0	4.0	0.0	24.2	23.6
1313	2040.0	-200.0	4.0	0.0	24.0	23.4
1314	2060.0	-200.0	4.0	0.0	23.8	23.2
1315	2080.0	-200.0	4.0	0.0	23.6	23.0
1316	2100.0	-200.0	4.0	0.0	23.4	22.8
1317	2120.0	-200.0	4.0	0.0	23.2	22.6
1318	2140.0	-200.0	4.0	0.0	23.0	22.5
1319	2160.0	-200.0	4.0	0.0	22.8	22.3
1320	2180.0	-200.0	4.0	0.0	22.7	22.1
1321	2200.0	-200.0	4.0	0.0	22.5	21.9
1322	2220.0	-200.0	4.0	0.0	22.3	21.7
1323	2240.0	-200.0	4.0	0.0	22.1	21.6
1324	2260.0	-200.0	4.0	0.0	22.0	21.4
1325	2280.0	-200.0	4.0	0.0	21.8	21.2
1326	2300.0	-200.0	4.0	0.0	21.6	21.1
1327	2320.0	-200.0	4.0	0.0	21.5	20.9
1328	2340.0	-200.0	4.0	0.0	21.3	20.7
1329	2360.0	-200.0	4.0	0.0	21.1	20.6
1330	2380.0	-200.0	4.0	0.0	21.0	20.4
1331	2400.0	-200.0	4.0	0.0	20.8	20.3
1332	0.0	-220.0	4.0	0.0	34.3	34.3
1333	20.0	-220.0	4.0	0.0	34.5	34.5
1334	40.0	-220.0	4.0	0.0	34.7	34.7
1335	60.0	-220.0	4.0	0.0	34.9	34.9
1336	80.0	-220.0	4.0	0.0	35.1	35.1
1337	100.0	-220.0	4.0	0.0	35.4	35.4
1338	120.0	-220.0	4.0	0.0	35.6	35.6
1339	140.0	-220.0	4.0	0.0	35.8	35.8
1340	160.0	-220.0	4.0	0.0	36.0	36.0
1341	180.0	-220.0	4.0	0.0	36.3	36.3
1342	200.0	-220.0	4.0	0.0	36.5	36.5
1343	220.0	-220.0	4.0	0.0	36.8	36.7
1344	240.0	-220.0	4.0	0.0	37.0	37.0
1345	260.0	-220.0	4.0	0.0	37.2	37.2
1346	280.0	-220.0	4.0	0.0	37.5	37.5
1347	300.0	-220.0	4.0	0.0	37.8	37.8
1348	320.0	-220.0	4.0	0.0	38.0	38.0
1349	340.0	-220.0	4.0	0.0	38.3	38.3
1350	360.0	-220.0	4.0	0.0	38.6	38.6
1351	380.0	-220.0	4.0	0.0	38.8	38.8
1352	400.0	-220.0	4.0	0.0	39.1	39.1
1353	420.0	-220.0	4.0	0.0	39.4	39.4
1354	440.0	-220.0	4.0	0.0	39.7	39.7
1355	460.0	-220.0	4.0	0.0	39.6	39.6
1356	480.0	-220.0	4.0	0.0	39.8	39.8
1357	500.0	-220.0	4.0	0.0	39.3	39.3
1358	520.0	-220.0	4.0	0.0	39.6	39.6
1359	540.0	-220.0	4.0	0.0	39.9	39.9
1360	560.0	-220.0	4.0	0.0	40.3	40.3
1361	580.0	-220.0	4.0	0.0	39.5	39.5
1362	600.0	-220.0	4.0	0.0	39.8	39.8
1363	620.0	-220.0	4.0	0.0	38.6	38.5
1364	640.0	-220.0	4.0	0.0	38.9	38.9
1365	660.0	-220.0	4.0	0.0	39.3	39.3
1366	680.0	-220.0	4.0	0.0	39.8	39.7
1367	700.0	-220.0	4.0	0.0	40.2	40.1
1368	720.0	-220.0	4.0	0.0	40.6	40.6
1369	740.0	-220.0	4.0	0.0	41.0	41.0
1370	760.0	-220.0	4.0	0.0	41.5	41.5
1371	780.0	-220.0	4.0	0.0	41.9	41.9
1372	800.0	-220.0	4.0	0.0	42.4	42.4
1373	820.0	-220.0	4.0	0.0	42.8	42.8
1374	840.0	-220.0	4.0	0.0	43.2	43.2
1375	860.0	-220.0	4.0	0.0	43.6	43.6
1376	880.0	-220.0	4.0	0.0	43.9	43.9
1377	900.0	-220.0	4.0	0.0	44.1	44.1
1378	920.0	-220.0	4.0	0.0	44.4	44.3
1379	940.0	-220.0	4.0	0.0	44.7	44.5
1380	960.0	-220.0	4.0	0.0	44.8	44.7
1381	980.0	-220.0	4.0	0.0	45.0	44.9
1382	1000.0	-220.0	4.0	0.0	45.6	45.4
1383	1020.0	-220.0	4.0	0.0	45.1	44.9
1384	1040.0	-220.0	4.0	0.0	45.2	44.9
1385	1060.0	-220.0	4.0	0.0	45.4	44.7
1386	1080.0	-220.0	4.0	0.0	45.7	44.6
1387	1100.0	-220.0	4.0	0.0	45.5	44.3
1388	1120.0	-220.0	4.0	0.0	45.3	44.0
1389	1140.0	-220.0	4.0	0.0	44.9	43.6
1390	1160.0	-220.0	4.0	0.0	44.9	43.8
1391	1180.0	-220.0	4.0	0.0	44.6	43.3
1392	1200.0	-220.0	4.0	0.0	44.3	42.8
1393	1220.0	-220.0	4.0	0.0	43.9	42.4
1394	1240.0	-220.0	4.0	0.0	43.5	42.0

1395	1260.0	-220.0	4.0	0.0	43.2	41.7
1396	1280.0	-220.0	4.0	0.0	43.0	41.6
1397	1300.0	-220.0	4.0	0.0	42.0	40.2
1398	1320.0	-220.0	4.0	0.0	31.6	29.8
1399	1340.0	-220.0	4.0	0.0	31.3	29.5
1400	1360.0	-220.0	4.0	0.0	30.6	29.5
1401	1380.0	-220.0	4.0	0.0	31.0	30.1
1402	1400.0	-220.0	4.0	0.0	30.8	29.9
1403	1420.0	-220.0	4.0	0.0	31.4	30.9
1404	1440.0	-220.0	4.0	0.0	31.1	30.5
1405	1460.0	-220.0	4.0	0.0	30.7	30.1
1406	1480.0	-220.0	4.0	0.0	30.4	29.8
1407	1500.0	-220.0	4.0	0.0	30.1	29.4
1408	1520.0	-220.0	4.0	0.0	29.8	29.1
1409	1540.0	-220.0	4.0	0.0	29.5	28.8
1410	1560.0	-220.0	4.0	0.0	29.2	28.6
1411	1580.0	-220.0	4.0	0.0	29.2	28.6
1412	1600.0	-220.0	4.0	0.0	29.3	28.7
1413	1620.0	-220.0	4.0	0.0	29.2	28.7
1414	1640.0	-220.0	4.0	0.0	29.2	28.7
1415	1660.0	-220.0	4.0	0.0	28.9	28.4
1416	1680.0	-220.0	4.0	0.0	28.7	28.2
1417	1700.0	-220.0	4.0	0.0	28.4	27.9
1418	1720.0	-220.0	4.0	0.0	28.1	27.6
1419	1740.0	-220.0	4.0	0.0	27.4	26.9
1420	1760.0	-220.0	4.0	0.0	27.2	26.6
1421	1780.0	-220.0	4.0	0.0	26.9	26.3
1422	1800.0	-220.0	4.0	0.0	26.6	26.1
1423	1820.0	-220.0	4.0	0.0	26.4	25.8
1424	1840.0	-220.0	4.0	0.0	26.2	25.6
1425	1860.0	-220.0	4.0	0.0	25.9	25.4
1426	1880.0	-220.0	4.0	0.0	25.7	25.2
1427	1900.0	-220.0	4.0	0.0	25.5	24.9
1428	1920.0	-220.0	4.0	0.0	25.3	24.7
1429	1940.0	-220.0	4.0	0.0	25.1	24.5
1430	1960.0	-220.0	4.0	0.0	24.8	24.3
1431	1980.0	-220.0	4.0	0.0	24.6	24.1
1432	2000.0	-220.0	4.0	0.0	24.4	23.8
1433	2020.0	-220.0	4.0	0.0	24.2	23.6
1434	2040.0	-220.0	4.0	0.0	24.0	23.4
1435	2060.0	-220.0	4.0	0.0	23.8	23.3
1436	2080.0	-220.0	4.0	0.0	23.6	23.1
1437	2100.0	-220.0	4.0	0.0	23.4	22.9
1438	2120.0	-220.0	4.0	0.0	23.2	22.7
1439	2140.0	-220.0	4.0	0.0	23.1	22.5
1440	2160.0	-220.0	4.0	0.0	22.9	22.3
1441	2180.0	-220.0	4.0	0.0	22.7	22.1
1442	2200.0	-220.0	4.0	0.0	22.5	22.0
1443	2220.0	-220.0	4.0	0.0	22.3	21.8
1444	2240.0	-220.0	4.0	0.0	22.2	21.6
1445	2260.0	-220.0	4.0	0.0	22.0	21.4
1446	2280.0	-220.0	4.0	0.0	21.8	21.3
1447	2300.0	-220.0	4.0	0.0	21.6	21.1
1448	2320.0	-220.0	4.0	0.0	21.5	20.9
1449	2340.0	-220.0	4.0	0.0	21.3	20.8
1450	2360.0	-220.0	4.0	0.0	21.2	20.6
1451	2380.0	-220.0	4.0	0.0	21.0	20.4
1452	2400.0	-220.0	4.0	0.0	20.8	20.3
1453	0.0	-240.0	4.0	0.0	34.4	34.4
1454	20.0	-240.0	4.0	0.0	34.6	34.6
1455	40.0	-240.0	4.0	0.0	34.8	34.8
1456	60.0	-240.0	4.0	0.0	35.0	35.0
1457	80.0	-240.0	4.0	0.0	35.2	35.2
1458	100.0	-240.0	4.0	0.0	35.4	35.4
1459	120.0	-240.0	4.0	0.0	35.6	35.6
1460	140.0	-240.0	4.0	0.0	35.9	35.9
1461	160.0	-240.0	4.0	0.0	36.1	36.1
1462	180.0	-240.0	4.0	0.0	36.3	36.3
1463	200.0	-240.0	4.0	0.0	36.6	36.6
1464	220.0	-240.0	4.0	0.0	36.8	36.8
1465	240.0	-240.0	4.0	0.0	37.1	37.1
1466	260.0	-240.0	4.0	0.0	37.3	37.3
1467	280.0	-240.0	4.0	0.0	37.6	37.6
1468	300.0	-240.0	4.0	0.0	37.8	37.8
1469	320.0	-240.0	4.0	0.0	38.1	38.1
1470	340.0	-240.0	4.0	0.0	38.4	38.4
1471	360.0	-240.0	4.0	0.0	38.7	38.7
1472	380.0	-240.0	4.0	0.0	38.9	38.9
1473	400.0	-240.0	4.0	0.0	39.2	39.2
1474	420.0	-240.0	4.0	0.0	39.5	39.5
1475	440.0	-240.0	4.0	0.0	39.9	39.8
1476	460.0	-240.0	4.0	0.0	39.7	39.7
1477	480.0	-240.0	4.0	0.0	39.9	39.9
1478	500.0	-240.0	4.0	0.0	39.4	39.4
1479	520.0	-240.0	4.0	0.0	39.7	39.7

1480	540.0	-240.0	4.0	0.0	40.1	40.1
1481	560.0	-240.0	4.0	0.0	40.5	40.5
1482	580.0	-240.0	4.0	0.0	39.7	39.7
1483	600.0	-240.0	4.0	0.0	40.0	40.0
1484	620.0	-240.0	4.0	0.0	38.8	38.8
1485	640.0	-240.0	4.0	0.0	39.2	39.2
1486	660.0	-240.0	4.0	0.0	39.6	39.6
1487	680.0	-240.0	4.0	0.0	40.0	40.0
1488	700.0	-240.0	4.0	0.0	40.4	40.4
1489	720.0	-240.0	4.0	0.0	40.9	40.9
1490	740.0	-240.0	4.0	0.0	41.4	41.4
1491	760.0	-240.0	4.0	0.0	41.9	41.9
1492	780.0	-240.0	4.0	0.0	42.4	42.3
1493	800.0	-240.0	4.0	0.0	42.9	42.8
1494	820.0	-240.0	4.0	0.0	43.3	43.3
1495	840.0	-240.0	4.0	0.0	43.8	43.8
1496	860.0	-240.0	4.0	0.0	44.1	44.1
1497	880.0	-240.0	4.0	0.0	44.4	44.4
1498	900.0	-240.0	4.0	0.0	44.6	44.6
1499	920.0	-240.0	4.0	0.0	44.8	44.8
1500	940.0	-240.0	4.0	0.0	45.0	45.0
1501	960.0	-240.0	4.0	0.0	45.3	45.1
1502	980.0	-240.0	4.0	0.0	45.5	45.3
1503	1000.0	-240.0	4.0	0.0	46.0	45.9
1504	1020.0	-240.0	4.0	0.0	45.5	45.3
1505	1040.0	-240.0	4.0	0.0	45.7	45.5
1506	1060.0	-240.0	4.0	0.0	46.1	45.4
1507	1080.0	-240.0	4.0	0.0	46.4	45.3
1508	1100.0	-240.0	4.0	0.0	46.1	45.0
1509	1120.0	-240.0	4.0	0.0	46.2	45.1
1510	1140.0	-240.0	4.0	0.0	45.8	44.7
1511	1160.0	-240.0	4.0	0.0	45.8	44.7
1512	1180.0	-240.0	4.0	0.0	45.4	44.2
1513	1200.0	-240.0	4.0	0.0	45.0	43.7
1514	1220.0	-240.0	4.0	0.0	44.2	42.8
1515	1240.0	-240.0	4.0	0.0	43.9	42.4
1516	1260.0	-240.0	4.0	0.0	43.2	41.6
1517	1280.0	-240.0	4.0	0.0	43.1	41.5
1518	1300.0	-240.0	4.0	0.0	42.3	40.5
1519	1320.0	-240.0	4.0	0.0	38.4	36.8
1520	1340.0	-240.0	4.0	0.0	30.9	29.7
1521	1360.0	-240.0	4.0	0.0	30.8	29.7
1522	1380.0	-240.0	4.0	0.0	31.8	31.0
1523	1400.0	-240.0	4.0	0.0	31.3	30.7
1524	1420.0	-240.0	4.0	0.0	32.0	31.5
1525	1440.0	-240.0	4.0	0.0	31.7	31.1
1526	1460.0	-240.0	4.0	0.0	31.3	30.8
1527	1480.0	-240.0	4.0	0.0	31.0	30.4
1528	1500.0	-240.0	4.0	0.0	30.7	30.0
1529	1520.0	-240.0	4.0	0.0	30.3	29.7
1530	1540.0	-240.0	4.0	0.0	30.0	29.4
1531	1560.0	-240.0	4.0	0.0	29.8	29.2
1532	1580.0	-240.0	4.0	0.0	29.7	29.1
1533	1600.0	-240.0	4.0	0.0	29.8	29.2
1534	1620.0	-240.0	4.0	0.0	29.7	29.2
1535	1640.0	-240.0	4.0	0.0	29.3	28.8
1536	1660.0	-240.0	4.0	0.0	29.0	28.5
1537	1680.0	-240.0	4.0	0.0	28.4	27.9
1538	1700.0	-240.0	4.0	0.0	28.1	27.6
1539	1720.0	-240.0	4.0	0.0	27.9	27.3
1540	1740.0	-240.0	4.0	0.0	27.5	26.9
1541	1760.0	-240.0	4.0	0.0	27.2	26.7
1542	1780.0	-240.0	4.0	0.0	27.0	26.4
1543	1800.0	-240.0	4.0	0.0	26.7	26.1
1544	1820.0	-240.0	4.0	0.0	26.5	25.9
1545	1840.0	-240.0	4.0	0.0	26.2	25.7
1546	1860.0	-240.0	4.0	0.0	26.0	25.4
1547	1880.0	-240.0	4.0	0.0	25.8	25.2
1548	1900.0	-240.0	4.0	0.0	25.5	25.0
1549	1920.0	-240.0	4.0	0.0	25.3	24.8
1550	1940.0	-240.0	4.0	0.0	25.1	24.5
1551	1960.0	-240.0	4.0	0.0	24.9	24.3
1552	1980.0	-240.0	4.0	0.0	24.7	24.1
1553	2000.0	-240.0	4.0	0.0	24.5	23.9
1554	2020.0	-240.0	4.0	0.0	24.2	23.7
1555	2040.0	-240.0	4.0	0.0	24.0	23.5
1556	2060.0	-240.0	4.0	0.0	23.8	23.3
1557	2080.0	-240.0	4.0	0.0	23.7	23.1
1558	2100.0	-240.0	4.0	0.0	23.5	22.9
1559	2120.0	-240.0	4.0	0.0	23.3	22.7
1560	2140.0	-240.0	4.0	0.0	23.1	22.5
1561	2160.0	-240.0	4.0	0.0	22.9	22.3
1562	2180.0	-240.0	4.0	0.0	22.7	22.2
1563	2200.0	-240.0	4.0	0.0	22.5	22.0
1564	2220.0	-240.0	4.0	0.0	22.4	21.8

1565	2240.0	-240.0	4.0	0.0	22.2	21.6
1566	2260.0	-240.0	4.0	0.0	22.0	21.5
1567	2280.0	-240.0	4.0	0.0	21.8	21.3
1568	2300.0	-240.0	4.0	0.0	21.7	21.1
1569	2320.0	-240.0	4.0	0.0	21.5	21.0
1570	2340.0	-240.0	4.0	0.0	21.3	20.8
1571	2360.0	-240.0	4.0	0.0	21.2	20.6
1572	2380.0	-240.0	4.0	0.0	21.0	20.5
1573	2400.0	-240.0	4.0	0.0	20.9	20.3
1574	0.0	-260.0	4.0	0.0	34.4	34.4
1575	20.0	-260.0	4.0	0.0	34.6	34.6
1576	40.0	-260.0	4.0	0.0	34.8	34.8
1577	60.0	-260.0	4.0	0.0	35.0	35.0
1578	80.0	-260.0	4.0	0.0	35.2	35.2
1579	100.0	-260.0	4.0	0.0	35.5	35.4
1580	120.0	-260.0	4.0	0.0	35.7	35.7
1581	140.0	-260.0	4.0	0.0	35.9	35.9
1582	160.0	-260.0	4.0	0.0	36.1	36.1
1583	180.0	-260.0	4.0	0.0	36.4	36.4
1584	200.0	-260.0	4.0	0.0	36.6	36.6
1585	220.0	-260.0	4.0	0.0	36.9	36.9
1586	240.0	-260.0	4.0	0.0	37.1	37.1
1587	260.0	-260.0	4.0	0.0	37.4	37.4
1588	280.0	-260.0	4.0	0.0	37.6	37.6
1589	300.0	-260.0	4.0	0.0	37.9	37.9
1590	320.0	-260.0	4.0	0.0	38.2	38.2
1591	340.0	-260.0	4.0	0.0	38.5	38.5
1592	360.0	-260.0	4.0	0.0	38.7	38.7
1593	380.0	-260.0	4.0	0.0	39.0	39.0
1594	400.0	-260.0	4.0	0.0	39.3	39.3
1595	420.0	-260.0	4.0	0.0	39.6	39.6
1596	440.0	-260.0	4.0	0.0	40.0	39.9
1597	460.0	-260.0	4.0	0.0	39.8	39.8
1598	480.0	-260.0	4.0	0.0	40.0	40.0
1599	500.0	-260.0	4.0	0.0	39.5	39.5
1600	520.0	-260.0	4.0	0.0	39.9	39.9
1601	540.0	-260.0	4.0	0.0	40.2	40.2
1602	560.0	-260.0	4.0	0.0	40.6	40.6
1603	580.0	-260.0	4.0	0.0	39.9	39.9
1604	600.0	-260.0	4.0	0.0	40.2	40.2
1605	620.0	-260.0	4.0	0.0	39.0	38.9
1606	640.0	-260.0	4.0	0.0	39.4	39.4
1607	660.0	-260.0	4.0	0.0	39.8	39.8
1608	680.0	-260.0	4.0	0.0	40.3	40.3
1609	700.0	-260.0	4.0	0.0	40.7	40.7
1610	720.0	-260.0	4.0	0.0	41.2	41.2
1611	740.0	-260.0	4.0	0.0	41.7	41.7
1612	760.0	-260.0	4.0	0.0	42.2	42.2
1613	780.0	-260.0	4.0	0.0	42.7	42.7
1614	800.0	-260.0	4.0	0.0	43.3	43.3
1615	820.0	-260.0	4.0	0.0	43.8	43.8
1616	840.0	-260.0	4.0	0.0	44.3	44.3
1617	860.0	-260.0	4.0	0.0	44.7	44.7
1618	880.0	-260.0	4.0	0.0	44.9	44.9
1619	900.0	-260.0	4.0	0.0	44.9	44.9
1620	920.0	-260.0	4.0	0.0	44.9	44.9
1621	940.0	-260.0	4.0	0.0	45.1	45.1
1622	960.0	-260.0	4.0	0.0	45.4	45.3
1623	980.0	-260.0	4.0	0.0	45.6	45.4
1624	1000.0	-260.0	4.0	0.0	46.3	46.1
1625	1020.0	-260.0	4.0	0.0	45.7	45.5
1626	1040.0	-260.0	4.0	0.0	46.1	45.9
1627	1060.0	-260.0	4.0	0.0	46.6	46.0
1628	1080.0	-260.0	4.0	0.0	47.0	45.9
1629	1100.0	-260.0	4.0	0.0	46.7	45.5
1630	1120.0	-260.0	4.0	0.0	47.1	46.1
1631	1140.0	-260.0	4.0	0.0	46.7	45.6
1632	1160.0	-260.0	4.0	0.0	46.9	45.9
1633	1180.0	-260.0	4.0	0.0	46.5	45.4
1634	1200.0	-260.0	4.0	0.0	45.7	44.5
1635	1220.0	-260.0	4.0	0.0	45.2	44.0
1636	1240.0	-260.0	4.0	0.0	44.2	42.7
1637	1260.0	-260.0	4.0	0.0	43.9	42.3
1638	1280.0	-260.0	4.0	0.0	43.4	41.7
1639	1300.0	-260.0	4.0	0.0	42.6	40.7
1640	1320.0	-260.0	4.0	0.0	41.5	40.3
1641	1340.0	-260.0	4.0	0.0	31.1	29.8
1642	1360.0	-260.0	4.0	0.0	31.0	29.8
1643	1380.0	-260.0	4.0	0.0	32.3	31.7
1644	1400.0	-260.0	4.0	0.0	32.0	31.4
1645	1420.0	-260.0	4.0	0.0	32.9	32.5
1646	1440.0	-260.0	4.0	0.0	32.6	32.1
1647	1460.0	-260.0	4.0	0.0	32.2	31.7
1648	1480.0	-260.0	4.0	0.0	31.9	31.4
1649	1500.0	-260.0	4.0	0.0	31.5	31.0

1650	1520.0	-260.0	4.0	0.0	31.2	30.7
1651	1540.0	-260.0	4.0	0.0	30.9	30.3
1652	1560.0	-260.0	4.0	0.0	30.6	30.1
1653	1580.0	-260.0	4.0	0.0	30.1	29.6
1654	1600.0	-260.0	4.0	0.0	29.8	29.3
1655	1620.0	-260.0	4.0	0.0	29.7	29.2
1656	1640.0	-260.0	4.0	0.0	29.7	29.3
1657	1660.0	-260.0	4.0	0.0	29.4	29.0
1658	1680.0	-260.0	4.0	0.0	28.8	28.3
1659	1700.0	-260.0	4.0	0.0	28.6	28.1
1660	1720.0	-260.0	4.0	0.0	28.3	27.8
1661	1740.0	-260.0	4.0	0.0	27.6	27.0
1662	1760.0	-260.0	4.0	0.0	27.3	26.7
1663	1780.0	-260.0	4.0	0.0	27.0	26.5
1664	1800.0	-260.0	4.0	0.0	26.8	26.2
1665	1820.0	-260.0	4.0	0.0	26.5	26.0
1666	1840.0	-260.0	4.0	0.0	26.3	25.7
1667	1860.0	-260.0	4.0	0.0	26.0	25.5
1668	1880.0	-260.0	4.0	0.0	25.8	25.3
1669	1900.0	-260.0	4.0	0.0	25.6	25.0
1670	1920.0	-260.0	4.0	0.0	25.4	24.8
1671	1940.0	-260.0	4.0	0.0	25.2	24.6
1672	1960.0	-260.0	4.0	0.0	24.9	24.4
1673	1980.0	-260.0	4.0	0.0	24.7	24.2
1674	2000.0	-260.0	4.0	0.0	24.5	23.9
1675	2020.0	-260.0	4.0	0.0	24.3	23.7
1676	2040.0	-260.0	4.0	0.0	24.1	23.5
1677	2060.0	-260.0	4.0	0.0	23.9	23.3
1678	2080.0	-260.0	4.0	0.0	23.7	23.1
1679	2100.0	-260.0	4.0	0.0	23.5	22.9
1680	2120.0	-260.0	4.0	0.0	23.3	22.7
1681	2140.0	-260.0	4.0	0.0	23.1	22.6
1682	2160.0	-260.0	4.0	0.0	22.9	22.4
1683	2180.0	-260.0	4.0	0.0	22.8	22.2
1684	2200.0	-260.0	4.0	0.0	22.6	22.0
1685	2220.0	-260.0	4.0	0.0	22.4	21.8
1686	2240.0	-260.0	4.0	0.0	22.2	21.7
1687	2260.0	-260.0	4.0	0.0	22.0	21.5
1688	2280.0	-260.0	4.0	0.0	21.9	21.3
1689	2300.0	-260.0	4.0	0.0	21.7	21.1
1690	2320.0	-260.0	4.0	0.0	21.5	21.0
1691	2340.0	-260.0	4.0	0.0	21.4	20.8
1692	2360.0	-260.0	4.0	0.0	21.2	20.6
1693	2380.0	-260.0	4.0	0.0	21.0	20.5
1694	2400.0	-260.0	4.0	0.0	20.9	20.3
1695	0.0	-280.0	4.0	0.0	34.4	34.4
1696	20.0	-280.0	4.0	0.0	34.6	34.6
1697	40.0	-280.0	4.0	0.0	34.9	34.8
1698	60.0	-280.0	4.0	0.0	35.1	35.1
1699	80.0	-280.0	4.0	0.0	35.3	35.3
1700	100.0	-280.0	4.0	0.0	35.5	35.5
1701	120.0	-280.0	4.0	0.0	35.7	35.7
1702	140.0	-280.0	4.0	0.0	36.0	35.9
1703	160.0	-280.0	4.0	0.0	36.2	36.2
1704	180.0	-280.0	4.0	0.0	36.4	36.4
1705	200.0	-280.0	4.0	0.0	36.7	36.7
1706	220.0	-280.0	4.0	0.0	36.9	36.9
1707	240.0	-280.0	4.0	0.0	37.2	37.2
1708	260.0	-280.0	4.0	0.0	37.4	37.4
1709	280.0	-280.0	4.0	0.0	37.7	37.7
1710	300.0	-280.0	4.0	0.0	38.0	38.0
1711	320.0	-280.0	4.0	0.0	38.3	38.3
1712	340.0	-280.0	4.0	0.0	38.5	38.5
1713	360.0	-280.0	4.0	0.0	38.8	38.8
1714	380.0	-280.0	4.0	0.0	39.1	39.1
1715	400.0	-280.0	4.0	0.0	39.4	39.4
1716	420.0	-280.0	4.0	0.0	39.7	39.7
1717	440.0	-280.0	4.0	0.0	40.0	40.0
1718	460.0	-280.0	4.0	0.0	39.9	39.9
1719	480.0	-280.0	4.0	0.0	40.1	40.1
1720	500.0	-280.0	4.0	0.0	39.6	39.6
1721	520.0	-280.0	4.0	0.0	40.0	40.0
1722	540.0	-280.0	4.0	0.0	40.4	40.3
1723	560.0	-280.0	4.0	0.0	40.7	40.7
1724	580.0	-280.0	4.0	0.0	40.0	40.0
1725	600.0	-280.0	4.0	0.0	40.3	40.3
1726	620.0	-280.0	4.0	0.0	39.1	39.1
1727	640.0	-280.0	4.0	0.0	39.6	39.6
1728	660.0	-280.0	4.0	0.0	40.0	40.0
1729	680.0	-280.0	4.0	0.0	40.5	40.5
1730	700.0	-280.0	4.0	0.0	41.0	40.9
1731	720.0	-280.0	4.0	0.0	41.5	41.5
1732	740.0	-280.0	4.0	0.0	42.0	42.0
1733	760.0	-280.0	4.0	0.0	42.6	42.6
1734	780.0	-280.0	4.0	0.0	43.1	43.1

1735	800.0	-280.0	4.0	0.0	43.7	43.7
1736	820.0	-280.0	4.0	0.0	44.3	44.3
1737	840.0	-280.0	4.0	0.0	44.8	44.8
1738	860.0	-280.0	4.0	0.0	45.2	45.2
1739	880.0	-280.0	4.0	0.0	45.5	45.5
1740	900.0	-280.0	4.0	0.0	45.3	45.3
1741	920.0	-280.0	4.0	0.0	45.1	45.1
1742	940.0	-280.0	4.0	0.0	45.2	45.2
1743	960.0	-280.0	4.0	0.0	45.4	45.5
1744	980.0	-280.0	4.0	0.0	45.8	45.6
1745	1000.0	-280.0	4.0	0.0	46.4	46.2
1746	1020.0	-280.0	4.0	0.0	45.9	45.6
1747	1040.0	-280.0	4.0	0.0	46.4	46.2
1748	1060.0	-280.0	4.0	0.0	47.6	46.4
1749	1080.0	-280.0	4.0	0.0	47.5	46.3
1750	1100.0	-280.0	4.0	0.0	47.2	45.9
1751	1120.0	-280.0	4.0	0.0	47.7	46.6
1752	1140.0	-280.0	4.0	0.0	47.3	46.2
1753	1160.0	-280.0	4.0	0.0	47.5	46.4
1754	1180.0	-280.0	4.0	0.0	46.7	45.5
1755	1200.0	-280.0	4.0	0.0	45.9	44.5
1756	1220.0	-280.0	4.0	0.0	45.1	43.5
1757	1240.0	-280.0	4.0	0.0	44.6	43.0
1758	1260.0	-280.0	4.0	0.0	43.9	42.2
1759	1280.0	-280.0	4.0	0.0	43.7	42.0
1760	1300.0	-280.0	4.0	0.0	42.2	41.0
1761	1320.0	-280.0	4.0	0.0	41.8	40.5
1762	1340.0	-280.0	4.0	0.0	35.0	33.9
1763	1360.0	-280.0	4.0	0.0	31.0	29.9
1764	1380.0	-280.0	4.0	0.0	32.5	31.9
1765	1400.0	-280.0	4.0	0.0	32.2	31.5
1766	1420.0	-280.0	4.0	0.0	33.1	32.6
1767	1440.0	-280.0	4.0	0.0	32.7	32.2
1768	1460.0	-280.0	4.0	0.0	32.4	31.8
1769	1480.0	-280.0	4.0	0.0	32.0	31.5
1770	1500.0	-280.0	4.0	0.0	31.6	31.1
1771	1520.0	-280.0	4.0	0.0	30.9	30.4
1772	1540.0	-280.0	4.0	0.0	30.2	29.6
1773	1560.0	-280.0	4.0	0.0	29.9	29.3
1774	1580.0	-280.0	4.0	0.0	29.9	29.3
1775	1600.0	-280.0	4.0	0.0	29.6	29.0
1776	1620.0	-280.0	4.0	0.0	29.5	28.9
1777	1640.0	-280.0	4.0	0.0	29.2	28.6
1778	1660.0	-280.0	4.0	0.0	28.9	28.3
1779	1680.0	-280.0	4.0	0.0	28.6	28.0
1780	1700.0	-280.0	4.0	0.0	28.3	27.8
1781	1720.0	-280.0	4.0	0.0	28.0	27.5
1782	1740.0	-280.0	4.0	0.0	27.7	27.1
1783	1760.0	-280.0	4.0	0.0	27.4	26.8
1784	1780.0	-280.0	4.0	0.0	27.1	26.5
1785	1800.0	-280.0	4.0	0.0	26.8	26.2
1786	1820.0	-280.0	4.0	0.0	26.6	26.0
1787	1840.0	-280.0	4.0	0.0	26.3	25.8
1788	1860.0	-280.0	4.0	0.0	26.1	25.5
1789	1880.0	-280.0	4.0	0.0	25.9	25.3
1790	1900.0	-280.0	4.0	0.0	25.6	25.1
1791	1920.0	-280.0	4.0	0.0	25.4	24.8
1792	1940.0	-280.0	4.0	0.0	25.2	24.6
1793	1960.0	-280.0	4.0	0.0	25.0	24.4
1794	1980.0	-280.0	4.0	0.0	24.8	24.2
1795	2000.0	-280.0	4.0	0.0	24.6	24.0
1796	2020.0	-280.0	4.0	0.0	24.3	23.8
1797	2040.0	-280.0	4.0	0.0	24.1	23.6
1798	2060.0	-280.0	4.0	0.0	23.9	23.4
1799	2080.0	-280.0	4.0	0.0	23.7	23.2
1800	2100.0	-280.0	4.0	0.0	23.5	23.0
1801	2120.0	-280.0	4.0	0.0	23.3	22.8
1802	2140.0	-280.0	4.0	0.0	23.1	22.6
1803	2160.0	-280.0	4.0	0.0	23.0	22.4
1804	2180.0	-280.0	4.0	0.0	22.8	22.2
1805	2200.0	-280.0	4.0	0.0	22.6	22.0
1806	2220.0	-280.0	4.0	0.0	22.4	21.9
1807	2240.0	-280.0	4.0	0.0	22.2	21.7
1808	2260.0	-280.0	4.0	0.0	22.1	21.5
1809	2280.0	-280.0	4.0	0.0	21.9	21.3
1810	2300.0	-280.0	4.0	0.0	21.7	21.2
1811	2320.0	-280.0	4.0	0.0	21.6	21.0
1812	2340.0	-280.0	4.0	0.0	21.4	20.8
1813	2360.0	-280.0	4.0	0.0	21.2	20.7
1814	2380.0	-280.0	4.0	0.0	21.1	20.5
1815	2400.0	-280.0	4.0	0.0	20.9	20.3
1816	0.0	-300.0	4.0	0.0	34.5	34.5
1817	20.0	-300.0	4.0	0.0	34.7	34.7
1818	40.0	-300.0	4.0	0.0	34.9	34.9
1819	60.0	-300.0	4.0	0.0	35.1	35.1



1820	80.0	-300.0	4.0	0.0	35.3	35.3
1821	100.0	-300.0	4.0	0.0	35.5	35.5
1822	120.0	-300.0	4.0	0.0	35.8	35.8
1823	140.0	-300.0	4.0	0.0	36.0	36.0
1824	160.0	-300.0	4.0	0.0	36.2	36.2
1825	180.0	-300.0	4.0	0.0	36.5	36.5
1826	200.0	-300.0	4.0	0.0	36.7	36.7
1827	220.0	-300.0	4.0	0.0	37.0	37.0
1828	240.0	-300.0	4.0	0.0	37.2	37.2
1829	260.0	-300.0	4.0	0.0	37.5	37.5
1830	280.0	-300.0	4.0	0.0	37.8	37.8
1831	300.0	-300.0	4.0	0.0	38.0	38.0
1832	320.0	-300.0	4.0	0.0	38.3	38.3
1833	340.0	-300.0	4.0	0.0	38.6	38.6
1834	360.0	-300.0	4.0	0.0	38.9	38.9
1835	380.0	-300.0	4.0	0.0	39.2	39.2
1836	400.0	-300.0	4.0	0.0	39.5	39.5
1837	420.0	-300.0	4.0	0.0	39.8	39.8
1838	440.0	-300.0	4.0	0.0	40.1	40.1
1839	460.0	-300.0	4.0	0.0	40.0	40.0
1840	480.0	-300.0	4.0	0.0	40.2	40.2
1841	500.0	-300.0	4.0	0.0	39.7	39.7
1842	520.0	-300.0	4.0	0.0	40.1	40.1
1843	540.0	-300.0	4.0	0.0	40.5	40.4
1844	560.0	-300.0	4.0	0.0	40.9	40.8
1845	580.0	-300.0	4.0	0.0	40.1	40.1
1846	600.0	-300.0	4.0	0.0	40.5	40.5
1847	620.0	-300.0	4.0	0.0	39.3	39.3
1848	640.0	-300.0	4.0	0.0	39.8	39.7
1849	660.0	-300.0	4.0	0.0	40.2	40.2
1850	680.0	-300.0	4.0	0.0	40.7	40.7
1851	700.0	-300.0	4.0	0.0	41.2	41.2
1852	720.0	-300.0	4.0	0.0	41.7	41.7
1853	740.0	-300.0	4.0	0.0	42.3	42.3
1854	760.0	-300.0	4.0	0.0	42.9	42.9
1855	780.0	-300.0	4.0	0.0	43.5	43.5
1856	800.0	-300.0	4.0	0.0	44.1	44.1
1857	820.0	-300.0	4.0	0.0	44.7	44.7
1858	840.0	-300.0	4.0	0.0	45.3	45.3
1859	860.0	-300.0	4.0	0.0	45.7	45.7
1860	880.0	-300.0	4.0	0.0	45.9	45.9
1861	900.0	-300.0	4.0	0.0	45.7	45.7
1862	920.0	-300.0	4.0	0.0	44.9	45.0
1863	940.0	-300.0	4.0	0.0	44.5	44.6
1864	960.0	-300.0	4.0	0.0	44.9	45.0
1865	980.0	-300.0	4.0	0.0	45.3	45.4
1866	1000.0	-300.0	4.0	0.0	46.2	46.2
1867	1020.0	-300.0	4.0	0.0	45.9	45.7
1868	1040.0	-300.0	4.0	0.0	46.2	45.9
1869	1060.0	-300.0	4.0	0.0	47.8	46.5
1870	1080.0	-300.0	4.0	0.0	47.8	46.4
1871	1100.0	-300.0	4.0	0.0	47.6	46.3
1872	1120.0	-300.0	4.0	0.0	48.2	47.1
1873	1140.0	-300.0	4.0	0.0	47.8	46.6
1874	1160.0	-300.0	4.0	0.0	47.7	46.5
1875	1180.0	-300.0	4.0	0.0	46.5	45.0
1876	1200.0	-300.0	4.0	0.0	46.0	44.4
1877	1220.0	-300.0	4.0	0.0	45.1	43.3
1878	1240.0	-300.0	4.0	0.0	44.7	42.9
1879	1260.0	-300.0	4.0	0.0	44.2	42.4
1880	1280.0	-300.0	4.0	0.0	43.4	42.2
1881	1300.0	-300.0	4.0	0.0	42.5	41.2
1882	1320.0	-300.0	4.0	0.0	41.9	40.6
1883	1340.0	-300.0	4.0	0.0	40.8	39.6
1884	1360.0	-300.0	4.0	0.0	31.1	30.0
1885	1380.0	-300.0	4.0	0.0	32.7	32.0
1886	1400.0	-300.0	4.0	0.0	32.4	31.6
1887	1420.0	-300.0	4.0	0.0	33.3	32.7
1888	1440.0	-300.0	4.0	0.0	32.5	31.9
1889	1460.0	-300.0	4.0	0.0	31.8	31.1
1890	1480.0	-300.0	4.0	0.0	31.4	30.8
1891	1500.0	-300.0	4.0	0.0	31.0	30.4
1892	1520.0	-300.0	4.0	0.0	30.2	29.5
1893	1540.0	-300.0	4.0	0.0	29.9	29.2
1894	1560.0	-300.0	4.0	0.0	29.2	28.4
1895	1580.0	-300.0	4.0	0.0	29.1	28.4
1896	1600.0	-300.0	4.0	0.0	29.3	28.6
1897	1620.0	-300.0	4.0	0.0	29.2	28.6
1898	1640.0	-300.0	4.0	0.0	29.2	28.7
1899	1660.0	-300.0	4.0	0.0	28.9	28.4
1900	1680.0	-300.0	4.0	0.0	28.7	28.1
1901	1700.0	-300.0	4.0	0.0	28.4	27.8
1902	1720.0	-300.0	4.0	0.0	28.1	27.5
1903	1740.0	-300.0	4.0	0.0	27.8	27.2
1904	1760.0	-300.0	4.0	0.0	27.4	26.9

1905	1780.0	-300.0	4.0	0.0	27.2	26.6
1906	1800.0	-300.0	4.0	0.0	26.9	26.3
1907	1820.0	-300.0	4.0	0.0	26.6	26.0
1908	1840.0	-300.0	4.0	0.0	26.4	25.8
1909	1860.0	-300.0	4.0	0.0	26.1	25.6
1910	1880.0	-300.0	4.0	0.0	25.9	25.3
1911	1900.0	-300.0	4.0	0.0	25.7	25.1
1912	1920.0	-300.0	4.0	0.0	25.5	24.9
1913	1940.0	-300.0	4.0	0.0	25.2	24.7
1914	1960.0	-300.0	4.0	0.0	25.0	24.5
1915	1980.0	-300.0	4.0	0.0	24.8	24.3
1916	2000.0	-300.0	4.0	0.0	24.6	24.0
1917	2020.0	-300.0	4.0	0.0	24.4	23.8
1918	2040.0	-300.0	4.0	0.0	24.1	23.6
1919	2060.0	-300.0	4.0	0.0	23.9	23.4
1920	2080.0	-300.0	4.0	0.0	23.8	23.2
1921	2100.0	-300.0	4.0	0.0	23.6	23.0
1922	2120.0	-300.0	4.0	0.0	23.4	22.8
1923	2140.0	-300.0	4.0	0.0	23.2	22.6
1924	2160.0	-300.0	4.0	0.0	23.0	22.4
1925	2180.0	-300.0	4.0	0.0	22.8	22.2
1926	2200.0	-300.0	4.0	0.0	22.6	22.1
1927	2220.0	-300.0	4.0	0.0	22.4	21.9
1928	2240.0	-300.0	4.0	0.0	22.3	21.7
1929	2260.0	-300.0	4.0	0.0	22.1	21.5
1930	2280.0	-300.0	4.0	0.0	21.9	21.4
1931	2300.0	-300.0	4.0	0.0	21.7	21.2
1932	2320.0	-300.0	4.0	0.0	21.6	21.0
1933	2340.0	-300.0	4.0	0.0	21.4	20.8
1934	2360.0	-300.0	4.0	0.0	21.2	20.7
1935	2380.0	-300.0	4.0	0.0	21.1	20.5
1936	2400.0	-300.0	4.0	0.0	20.9	20.4
1937	0.0	-320.0	4.0	0.0	34.5	34.5
1938	20.0	-320.0	4.0	0.0	34.7	34.7
1939	40.0	-320.0	4.0	0.0	34.9	34.9
1940	60.0	-320.0	4.0	0.0	35.1	35.1
1941	80.0	-320.0	4.0	0.0	35.3	35.3
1942	100.0	-320.0	4.0	0.0	35.6	35.6
1943	120.0	-320.0	4.0	0.0	35.8	35.8
1944	140.0	-320.0	4.0	0.0	36.0	36.0
1945	160.0	-320.0	4.0	0.0	36.3	36.3
1946	180.0	-320.0	4.0	0.0	36.5	36.5
1947	200.0	-320.0	4.0	0.0	36.8	36.7
1948	220.0	-320.0	4.0	0.0	37.0	37.0
1949	240.0	-320.0	4.0	0.0	37.3	37.3
1950	260.0	-320.0	4.0	0.0	37.5	37.5
1951	280.0	-320.0	4.0	0.0	37.8	37.8
1952	300.0	-320.0	4.0	0.0	38.1	38.1
1953	320.0	-320.0	4.0	0.0	38.4	38.4
1954	340.0	-320.0	4.0	0.0	38.7	38.7
1955	360.0	-320.0	4.0	0.0	38.9	38.9
1956	380.0	-320.0	4.0	0.0	39.2	39.2
1957	400.0	-320.0	4.0	0.0	39.6	39.5
1958	420.0	-320.0	4.0	0.0	39.9	39.9
1959	440.0	-320.0	4.0	0.0	40.2	40.2
1960	460.0	-320.0	4.0	0.0	40.0	40.0
1961	480.0	-320.0	4.0	0.0	40.3	40.2
1962	500.0	-320.0	4.0	0.0	39.8	39.8
1963	520.0	-320.0	4.0	0.0	40.2	40.1
1964	540.0	-320.0	4.0	0.0	40.5	40.5
1965	560.0	-320.0	4.0	0.0	41.0	40.9
1966	580.0	-320.0	4.0	0.0	40.3	40.3
1967	600.0	-320.0	4.0	0.0	40.6	40.6
1968	620.0	-320.0	4.0	0.0	39.4	39.4
1969	640.0	-320.0	4.0	0.0	39.9	39.9
1970	660.0	-320.0	4.0	0.0	40.4	40.4
1971	680.0	-320.0	4.0	0.0	40.9	40.9
1972	700.0	-320.0	4.0	0.0	41.4	41.4
1973	720.0	-320.0	4.0	0.0	41.9	41.9
1974	740.0	-320.0	4.0	0.0	42.5	42.5
1975	760.0	-320.0	4.0	0.0	43.2	43.2
1976	780.0	-320.0	4.0	0.0	43.8	43.8
1977	800.0	-320.0	4.0	0.0	44.5	44.5
1978	820.0	-320.0	4.0	0.0	45.1	45.1
1979	840.0	-320.0	4.0	0.0	45.8	45.8
1980	860.0	-320.0	4.0	0.0	46.2	46.2
1981	880.0	-320.0	4.0	0.0	46.4	46.5
1982	900.0	-320.0	4.0	0.0	46.2	46.2
1983	920.0	-320.0	4.0	0.0	45.6	45.7
1984	940.0	-320.0	4.0	0.0	44.6	44.7
1985	960.0	-320.0	4.0	0.0	45.3	45.5
1986	980.0	-320.0	4.0	0.0	46.4	46.9
1987	1000.0	-320.0	4.0	0.0	47.8	49.1
1988	1020.0	-320.0	4.0	0.0	46.1	46.0
1989	1040.0	-320.0	4.0	0.0	46.1	45.7

1990	1060.0	-320.0	4.0	0.0	48.0	46.3
1991	1080.0	-320.0	4.0	0.0	48.1	46.6
1992	1100.0	-320.0	4.0	0.0	48.1	46.6
1993	1120.0	-320.0	4.0	0.0	48.7	47.5
1994	1140.0	-320.0	4.0	0.0	48.0	46.5
1995	1160.0	-320.0	4.0	0.0	47.5	46.0
1996	1180.0	-320.0	4.0	0.0	46.6	44.9
1997	1200.0	-320.0	4.0	0.0	46.1	44.2
1998	1220.0	-320.0	4.0	0.0	45.5	43.6
1999	1240.0	-320.0	4.0	0.0	45.0	43.1
2000	1260.0	-320.0	4.0	0.0	43.9	42.6
2001	1280.0	-320.0	4.0	0.0	43.6	42.4
2002	1300.0	-320.0	4.0	0.0	42.6	41.3
2003	1320.0	-320.0	4.0	0.0	42.0	40.8
2004	1340.0	-320.0	4.0	0.0	41.5	40.3
2005	1360.0	-320.0	4.0	0.0	31.3	30.0
2006	1380.0	-320.0	4.0	0.0	32.4	31.5
2007	1400.0	-320.0	4.0	0.0	32.0	31.2
2008	1420.0	-320.0	4.0	0.0	32.7	32.1
2009	1440.0	-320.0	4.0	0.0	31.9	31.1
2010	1460.0	-320.0	4.0	0.0	31.5	30.7
2011	1480.0	-320.0	4.0	0.0	30.7	29.9
2012	1500.0	-320.0	4.0	0.0	30.3	29.4
2013	1520.0	-320.0	4.0	0.0	29.9	29.1
2014	1540.0	-320.0	4.0	0.0	29.6	28.8
2015	1560.0	-320.0	4.0	0.0	29.3	28.5
2016	1580.0	-320.0	4.0	0.0	29.2	28.5
2017	1600.0	-320.0	4.0	0.0	29.3	28.7
2018	1620.0	-320.0	4.0	0.0	29.3	28.7
2019	1640.0	-320.0	4.0	0.0	29.3	28.7
2020	1660.0	-320.0	4.0	0.0	29.0	28.4
2021	1680.0	-320.0	4.0	0.0	28.7	28.2
2022	1700.0	-320.0	4.0	0.0	28.4	27.9
2023	1720.0	-320.0	4.0	0.0	28.1	27.6
2024	1740.0	-320.0	4.0	0.0	27.8	27.2
2025	1760.0	-320.0	4.0	0.0	27.5	26.9
2026	1780.0	-320.0	4.0	0.0	27.2	26.6
2027	1800.0	-320.0	4.0	0.0	26.9	26.3
2028	1820.0	-320.0	4.0	0.0	26.7	26.1
2029	1840.0	-320.0	4.0	0.0	26.4	25.9
2030	1860.0	-320.0	4.0	0.0	26.2	25.6
2031	1880.0	-320.0	4.0	0.0	26.0	25.4
2032	1900.0	-320.0	4.0	0.0	25.7	25.2
2033	1920.0	-320.0	4.0	0.0	25.5	24.9
2034	1940.0	-320.0	4.0	0.0	25.3	24.7
2035	1960.0	-320.0	4.0	0.0	25.1	24.5
2036	1980.0	-320.0	4.0	0.0	24.8	24.3
2037	2000.0	-320.0	4.0	0.0	24.6	24.1
2038	2020.0	-320.0	4.0	0.0	24.4	23.8
2039	2040.0	-320.0	4.0	0.0	24.2	23.6
2040	2060.0	-320.0	4.0	0.0	24.0	23.4
2041	2080.0	-320.0	4.0	0.0	23.8	23.2
2042	2100.0	-320.0	4.0	0.0	23.6	23.0
2043	2120.0	-320.0	4.0	0.0	23.4	22.8
2044	2140.0	-320.0	4.0	0.0	23.2	22.6
2045	2160.0	-320.0	4.0	0.0	23.0	22.4
2046	2180.0	-320.0	4.0	0.0	22.8	22.3
2047	2200.0	-320.0	4.0	0.0	22.6	22.1
2048	2220.0	-320.0	4.0	0.0	22.5	21.9
2049	2240.0	-320.0	4.0	0.0	22.3	21.7
2050	2260.0	-320.0	4.0	0.0	22.1	21.5
2051	2280.0	-320.0	4.0	0.0	21.9	21.4
2052	2300.0	-320.0	4.0	0.0	21.8	21.2
2053	2320.0	-320.0	4.0	0.0	21.6	21.0
2054	2340.0	-320.0	4.0	0.0	21.4	20.9
2055	2360.0	-320.0	4.0	0.0	21.3	20.7
2056	2380.0	-320.0	4.0	0.0	21.1	20.5
2057	2400.0	-320.0	4.0	0.0	20.9	20.4
2058	0.0	-340.0	4.0	0.0	34.5	34.5
2059	20.0	-340.0	4.0	0.0	34.7	34.7
2060	40.0	-340.0	4.0	0.0	34.9	34.9
2061	60.0	-340.0	4.0	0.0	35.2	35.1
2062	80.0	-340.0	4.0	0.0	35.4	35.4
2063	100.0	-340.0	4.0	0.0	35.6	35.6
2064	120.0	-340.0	4.0	0.0	35.8	35.8
2065	140.0	-340.0	4.0	0.0	36.1	36.0
2066	160.0	-340.0	4.0	0.0	36.3	36.3
2067	180.0	-340.0	4.0	0.0	36.5	36.5
2068	200.0	-340.0	4.0	0.0	36.8	36.8
2069	220.0	-340.0	4.0	0.0	37.0	37.0
2070	240.0	-340.0	4.0	0.0	37.3	37.3
2071	260.0	-340.0	4.0	0.0	37.6	37.6
2072	280.0	-340.0	4.0	0.0	37.9	37.8
2073	300.0	-340.0	4.0	0.0	38.1	38.1
2074	320.0	-340.0	4.0	0.0	38.4	38.4

2075	340.0	-340.0	4.0	0.0	38.7	38.7
2076	360.0	-340.0	4.0	0.0	39.0	39.0
2077	380.0	-340.0	4.0	0.0	39.3	39.3
2078	400.0	-340.0	4.0	0.0	39.6	39.6
2079	420.0	-340.0	4.0	0.0	39.9	39.9
2080	440.0	-340.0	4.0	0.0	40.3	40.3
2081	460.0	-340.0	4.0	0.0	40.1	40.1
2082	480.0	-340.0	4.0	0.0	40.3	40.3
2083	500.0	-340.0	4.0	0.0	39.8	39.8
2084	520.0	-340.0	4.0	0.0	40.2	40.2
2085	540.0	-340.0	4.0	0.0	40.6	40.6
2086	560.0	-340.0	4.0	0.0	41.0	41.0
2087	580.0	-340.0	4.0	0.0	40.4	40.3
2088	600.0	-340.0	4.0	0.0	40.7	40.7
2089	620.0	-340.0	4.0	0.0	39.6	39.6
2090	640.0	-340.0	4.0	0.0	40.1	40.0
2091	660.0	-340.0	4.0	0.0	40.6	40.5
2092	680.0	-340.0	4.0	0.0	41.1	41.1
2093	700.0	-340.0	4.0	0.0	41.6	41.5
2094	720.0	-340.0	4.0	0.0	42.1	42.1
2095	740.0	-340.0	4.0	0.0	42.8	42.8
2096	760.0	-340.0	4.0	0.0	43.4	43.4
2097	780.0	-340.0	4.0	0.0	44.1	44.1
2098	800.0	-340.0	4.0	0.0	44.8	44.8
2099	820.0	-340.0	4.0	0.0	45.5	45.5
2100	840.0	-340.0	4.0	0.0	46.1	46.1
2101	860.0	-340.0	4.0	0.0	46.6	46.6
2102	880.0	-340.0	4.0	0.0	46.8	46.8
2103	900.0	-340.0	4.0	0.0	46.5	46.5
2104	920.0	-340.0	4.0	0.0	46.3	46.6
2105	940.0	-340.0	4.0	0.0	45.9	47.4
2106	960.0	-340.0	4.0	0.0	45.1	47.1
2107	980.0	-340.0	4.0	0.0	47.6	49.8
2108	1000.0	-340.0	4.0	0.0	45.0	46.4
2109	1020.0	-340.0	4.0	0.0	45.4	45.9
2110	1040.0	-340.0	4.0	0.0	46.0	45.3
2111	1060.0	-340.0	4.0	0.0	48.3	46.5
2112	1080.0	-340.0	4.0	0.0	48.6	46.8
2113	1100.0	-340.0	4.0	0.0	48.6	46.8
2114	1120.0	-340.0	4.0	0.0	48.9	47.3
2115	1140.0	-340.0	4.0	0.0	48.1	46.3
2116	1160.0	-340.0	4.0	0.0	47.7	45.8
2117	1180.0	-340.0	4.0	0.0	47.1	45.2
2118	1200.0	-340.0	4.0	0.0	46.5	44.5
2119	1220.0	-340.0	4.0	0.0	45.9	43.9
2120	1240.0	-340.0	4.0	0.0	44.7	43.3
2121	1260.0	-340.0	4.0	0.0	44.2	42.8
2122	1280.0	-340.0	4.0	0.0	43.6	42.5
2123	1300.0	-340.0	4.0	0.0	42.7	41.5
2124	1320.0	-340.0	4.0	0.0	42.2	40.9
2125	1340.0	-340.0	4.0	0.0	41.8	40.4
2126	1360.0	-340.0	4.0	0.0	39.4	38.0
2127	1380.0	-340.0	4.0	0.0	32.0	30.9
2128	1400.0	-340.0	4.0	0.0	31.6	30.6
2129	1420.0	-340.0	4.0	0.0	32.0	31.1
2130	1440.0	-340.0	4.0	0.0	31.5	30.7
2131	1460.0	-340.0	4.0	0.0	31.1	30.2
2132	1480.0	-340.0	4.0	0.0	30.7	29.9
2133	1500.0	-340.0	4.0	0.0	30.3	29.5
2134	1520.0	-340.0	4.0	0.0	30.0	29.1
2135	1540.0	-340.0	4.0	0.0	29.6	28.8
2136	1560.0	-340.0	4.0	0.0	29.3	28.5
2137	1580.0	-340.0	4.0	0.0	29.3	28.5
2138	1600.0	-340.0	4.0	0.0	29.4	28.7
2139	1620.0	-340.0	4.0	0.0	29.3	28.7
2140	1640.0	-340.0	4.0	0.0	29.4	28.8
2141	1660.0	-340.0	4.0	0.0	29.1	28.5
2142	1680.0	-340.0	4.0	0.0	28.8	28.2
2143	1700.0	-340.0	4.0	0.0	28.5	27.9
2144	1720.0	-340.0	4.0	0.0	28.2	27.6
2145	1740.0	-340.0	4.0	0.0	27.9	27.3
2146	1760.0	-340.0	4.0	0.0	27.5	27.0
2147	1780.0	-340.0	4.0	0.0	27.3	26.7
2148	1800.0	-340.0	4.0	0.0	27.0	26.4
2149	1820.0	-340.0	4.0	0.0	26.7	26.1
2150	1840.0	-340.0	4.0	0.0	26.5	25.9
2151	1860.0	-340.0	4.0	0.0	26.2	25.6
2152	1880.0	-340.0	4.0	0.0	26.0	25.4
2153	1900.0	-340.0	4.0	0.0	25.8	25.2
2154	1920.0	-340.0	4.0	0.0	25.5	25.0
2155	1940.0	-340.0	4.0	0.0	25.3	24.7
2156	1960.0	-340.0	4.0	0.0	25.1	24.5
2157	1980.0	-340.0	4.0	0.0	24.9	24.3
2158	2000.0	-340.0	4.0	0.0	24.7	24.1
2159	2020.0	-340.0	4.0	0.0	24.4	23.8

2160	2040.0	-340.0	4.0	0.0	24.2	23.6
2161	2060.0	-340.0	4.0	0.0	24.0	23.4
2162	2080.0	-340.0	4.0	0.0	23.8	23.2
2163	2100.0	-340.0	4.0	0.0	23.6	23.0
2164	2120.0	-340.0	4.0	0.0	23.4	22.8
2165	2140.0	-340.0	4.0	0.0	23.2	22.6
2166	2160.0	-340.0	4.0	0.0	23.0	22.5
2167	2180.0	-340.0	4.0	0.0	22.8	22.3
2168	2200.0	-340.0	4.0	0.0	22.7	22.1
2169	2220.0	-340.0	4.0	0.0	22.5	21.9
2170	2240.0	-340.0	4.0	0.0	22.3	21.7
2171	2260.0	-340.0	4.0	0.0	22.1	21.6
2172	2280.0	-340.0	4.0	0.0	21.9	21.4
2173	2300.0	-340.0	4.0	0.0	21.8	21.2
2174	2320.0	-340.0	4.0	0.0	21.6	21.0
2175	2340.0	-340.0	4.0	0.0	21.4	20.9
2176	2360.0	-340.0	4.0	0.0	21.3	20.7
2177	2380.0	-340.0	4.0	0.0	21.1	20.5
2178	2400.0	-340.0	4.0	0.0	20.9	20.4
2179	0.0	-360.0	4.0	0.0	34.5	34.5
2180	20.0	-360.0	4.0	0.0	34.8	34.7
2181	40.0	-360.0	4.0	0.0	35.0	34.9
2182	60.0	-360.0	4.0	0.0	35.2	35.2
2183	80.0	-360.0	4.0	0.0	35.4	35.4
2184	100.0	-360.0	4.0	0.0	35.6	35.6
2185	120.0	-360.0	4.0	0.0	35.8	35.8
2186	140.0	-360.0	4.0	0.0	36.1	36.1
2187	160.0	-360.0	4.0	0.0	36.3	36.3
2188	180.0	-360.0	4.0	0.0	36.6	36.6
2189	200.0	-360.0	4.0	0.0	36.8	36.8
2190	220.0	-360.0	4.0	0.0	37.1	37.1
2191	240.0	-360.0	4.0	0.0	37.3	37.3
2192	260.0	-360.0	4.0	0.0	37.6	37.6
2193	280.0	-360.0	4.0	0.0	37.9	37.9
2194	300.0	-360.0	4.0	0.0	38.2	38.2
2195	320.0	-360.0	4.0	0.0	38.5	38.4
2196	340.0	-360.0	4.0	0.0	38.7	38.7
2197	360.0	-360.0	4.0	0.0	39.0	39.0
2198	380.0	-360.0	4.0	0.0	39.3	39.3
2199	400.0	-360.0	4.0	0.0	39.7	39.6
2200	420.0	-360.0	4.0	0.0	40.0	40.0
2201	440.0	-360.0	4.0	0.0	40.3	40.3
2202	460.0	-360.0	4.0	0.0	40.1	40.1
2203	480.0	-360.0	4.0	0.0	40.4	40.4
2204	500.0	-360.0	4.0	0.0	39.9	39.9
2205	520.0	-360.0	4.0	0.0	40.3	40.3
2206	540.0	-360.0	4.0	0.0	40.7	40.7
2207	560.0	-360.0	4.0	0.0	41.1	41.1
2208	580.0	-360.0	4.0	0.0	40.4	40.4
2209	600.0	-360.0	4.0	0.0	40.8	40.8
2210	620.0	-360.0	4.0	0.0	39.7	39.7
2211	640.0	-360.0	4.0	0.0	40.2	40.2
2212	660.0	-360.0	4.0	0.0	40.7	40.7
2213	680.0	-360.0	4.0	0.0	41.2	41.2
2214	700.0	-360.0	4.0	0.0	41.7	41.7
2215	720.0	-360.0	4.0	0.0	42.3	42.3
2216	740.0	-360.0	4.0	0.0	43.0	42.9
2217	760.0	-360.0	4.0	0.0	43.6	43.6
2218	780.0	-360.0	4.0	0.0	44.3	44.3
2219	800.0	-360.0	4.0	0.0	45.1	45.1
2220	820.0	-360.0	4.0	0.0	45.8	45.8
2221	840.0	-360.0	4.0	0.0	46.5	46.5
2222	860.0	-360.0	4.0	0.0	46.9	46.9
2223	880.0	-360.0	4.0	0.0	47.2	47.2
2224	900.0	-360.0	4.0	0.0	46.9	46.9
2225	920.0	-360.0	4.0	0.0	47.0	47.5
2226	940.0	-360.0	4.0	0.0	45.0	45.4
2230	1020.0	-360.0	4.0	0.0	39.7	41.1
2231	1040.0	-360.0	4.0	0.0	46.3	46.2
2232	1060.0	-360.0	4.0	0.0	48.8	46.5
2233	1080.0	-360.0	4.0	0.0	49.0	46.8
2234	1100.0	-360.0	4.0	0.0	49.1	46.8
2235	1120.0	-360.0	4.0	0.0	48.9	46.8
2236	1140.0	-360.0	4.0	0.0	48.6	46.5
2237	1160.0	-360.0	4.0	0.0	48.1	46.1
2238	1180.0	-360.0	4.0	0.0	47.5	45.4
2239	1200.0	-360.0	4.0	0.0	46.9	44.8
2240	1220.0	-360.0	4.0	0.0	45.6	44.1
2241	1240.0	-360.0	4.0	0.0	45.0	43.5
2242	1260.0	-360.0	4.0	0.0	44.1	42.9
2243	1280.0	-360.0	4.0	0.0	43.8	42.6
2244	1300.0	-360.0	4.0	0.0	43.0	41.6
2245	1320.0	-360.0	4.0	0.0	42.5	41.0
2246	1340.0	-360.0	4.0	0.0	42.0	40.5
2247	1360.0	-360.0	4.0	0.0	41.5	40.1

2248	1380.0	-360.0	4.0	0.0	32.1	31.0
2249	1400.0	-360.0	4.0	0.0	31.7	30.6
2250	1420.0	-360.0	4.0	0.0	32.0	31.2
2251	1440.0	-360.0	4.0	0.0	31.6	30.7
2252	1460.0	-360.0	4.0	0.0	31.2	30.3
2253	1480.0	-360.0	4.0	0.0	30.8	30.0
2254	1500.0	-360.0	4.0	0.0	30.4	29.6
2255	1520.0	-360.0	4.0	0.0	30.0	29.2
2256	1540.0	-360.0	4.0	0.0	29.7	28.8
2257	1560.0	-360.0	4.0	0.0	29.4	28.5
2258	1580.0	-360.0	4.0	0.0	29.3	28.6
2259	1600.0	-360.0	4.0	0.0	29.4	28.7
2260	1620.0	-360.0	4.0	0.0	29.4	28.8
2261	1640.0	-360.0	4.0	0.0	29.4	28.8
2262	1660.0	-360.0	4.0	0.0	29.1	28.5
2263	1680.0	-360.0	4.0	0.0	28.8	28.3
2264	1700.0	-360.0	4.0	0.0	28.5	28.0
2265	1720.0	-360.0	4.0	0.0	28.2	27.7
2266	1740.0	-360.0	4.0	0.0	27.9	27.4
2267	1760.0	-360.0	4.0	0.0	27.6	27.0
2268	1780.0	-360.0	4.0	0.0	27.3	26.7
2269	1800.0	-360.0	4.0	0.0	27.0	26.4
2270	1820.0	-360.0	4.0	0.0	26.7	26.2
2271	1840.0	-360.0	4.0	0.0	26.5	25.9
2272	1860.0	-360.0	4.0	0.0	26.3	25.7
2273	1880.0	-360.0	4.0	0.0	26.0	25.4
2274	1900.0	-360.0	4.0	0.0	25.8	25.2
2275	1920.0	-360.0	4.0	0.0	25.6	25.0
2276	1940.0	-360.0	4.0	0.0	25.3	24.8
2277	1960.0	-360.0	4.0	0.0	25.1	24.5
2278	1980.0	-360.0	4.0	0.0	24.9	24.3
2279	2000.0	-360.0	4.0	0.0	24.7	24.1
2280	2020.0	-360.0	4.0	0.0	24.4	23.9
2281	2040.0	-360.0	4.0	0.0	24.2	23.6
2282	2060.0	-360.0	4.0	0.0	24.0	23.4
2283	2080.0	-360.0	4.0	0.0	23.8	23.2
2284	2100.0	-360.0	4.0	0.0	23.6	23.0
2285	2120.0	-360.0	4.0	0.0	23.4	22.9
2286	2140.0	-360.0	4.0	0.0	23.2	22.7
2287	2160.0	-360.0	4.0	0.0	23.0	22.5
2288	2180.0	-360.0	4.0	0.0	22.9	22.3
2289	2200.0	-360.0	4.0	0.0	22.7	22.1
2290	2220.0	-360.0	4.0	0.0	22.5	21.9
2291	2240.0	-360.0	4.0	0.0	22.3	21.7
2292	2260.0	-360.0	4.0	0.0	22.1	21.6
2293	2280.0	-360.0	4.0	0.0	22.0	21.4
2294	2300.0	-360.0	4.0	0.0	21.8	21.2
2295	2320.0	-360.0	4.0	0.0	21.6	21.1
2296	2340.0	-360.0	4.0	0.0	21.5	20.9
2297	2360.0	-360.0	4.0	0.0	21.3	20.7
2298	2380.0	-360.0	4.0	0.0	21.1	20.6
2299	2400.0	-360.0	4.0	0.0	21.0	20.4
2300	0.0	-380.0	4.0	0.0	34.6	34.5
2301	20.0	-380.0	4.0	0.0	34.8	34.7
2302	40.0	-380.0	4.0	0.0	35.0	35.0
2303	60.0	-380.0	4.0	0.0	35.2	35.2
2304	80.0	-380.0	4.0	0.0	35.4	35.4
2305	100.0	-380.0	4.0	0.0	35.6	35.6
2306	120.0	-380.0	4.0	0.0	35.9	35.9
2307	140.0	-380.0	4.0	0.0	36.1	36.1
2308	160.0	-380.0	4.0	0.0	36.3	36.3
2309	180.0	-380.0	4.0	0.0	36.6	36.6
2310	200.0	-380.0	4.0	0.0	36.8	36.8
2311	220.0	-380.0	4.0	0.0	37.1	37.1
2312	240.0	-380.0	4.0	0.0	37.4	37.4
2313	260.0	-380.0	4.0	0.0	37.6	37.6
2314	280.0	-380.0	4.0	0.0	37.9	37.9
2315	300.0	-380.0	4.0	0.0	38.2	38.2
2316	320.0	-380.0	4.0	0.0	38.5	38.5
2317	340.0	-380.0	4.0	0.0	38.8	38.8
2318	360.0	-380.0	4.0	0.0	39.1	39.0
2319	380.0	-380.0	4.0	0.0	39.4	39.4
2320	400.0	-380.0	4.0	0.0	39.7	39.7
2321	420.0	-380.0	4.0	0.0	40.0	40.0
2322	440.0	-380.0	4.0	0.0	40.4	40.3
2323	460.0	-380.0	4.0	0.0	40.1	40.1
2324	480.0	-380.0	4.0	0.0	40.4	40.4
2325	500.0	-380.0	4.0	0.0	39.9	39.9
2326	520.0	-380.0	4.0	0.0	40.3	40.3
2327	540.0	-380.0	4.0	0.0	40.7	40.7
2328	560.0	-380.0	4.0	0.0	41.2	41.1
2329	580.0	-380.0	4.0	0.0	40.5	40.5
2330	600.0	-380.0	4.0	0.0	40.9	40.8
2331	620.0	-380.0	4.0	0.0	39.8	39.7
2332	640.0	-380.0	4.0	0.0	40.3	40.2

2333	660.0	-380.0	4.0	0.0	40.8	40.8
2334	680.0	-380.0	4.0	0.0	41.3	41.3
2335	700.0	-380.0	4.0	0.0	41.8	41.8
2336	720.0	-380.0	4.0	0.0	42.4	42.4
2337	740.0	-380.0	4.0	0.0	43.1	43.1
2338	760.0	-380.0	4.0	0.0	43.8	43.8
2339	780.0	-380.0	4.0	0.0	44.5	44.5
2340	800.0	-380.0	4.0	0.0	45.3	45.3
2341	820.0	-380.0	4.0	0.0	46.0	46.0
2342	840.0	-380.0	4.0	0.0	46.7	46.7
2343	860.0	-380.0	4.0	0.0	47.2	47.2
2344	880.0	-380.0	4.0	0.0	47.4	47.5
2345	900.0	-380.0	4.0	0.0	47.2	47.2
2346	920.0	-380.0	4.0	0.0	47.1	47.6
2347	940.0	-380.0	4.0	0.0	44.7	45.1
2352	1040.0	-380.0	4.0	0.0	47.3	47.0
2353	1060.0	-380.0	4.0	0.0	49.6	47.3
2354	1080.0	-380.0	4.0	0.0	49.7	47.0
2355	1100.0	-380.0	4.0	0.0	49.6	47.0
2356	1120.0	-380.0	4.0	0.0	49.5	47.1
2357	1140.0	-380.0	4.0	0.0	49.1	46.8
2358	1160.0	-380.0	4.0	0.0	48.6	46.3
2359	1180.0	-380.0	4.0	0.0	48.0	45.7
2360	1200.0	-380.0	4.0	0.0	46.6	45.0
2361	1220.0	-380.0	4.0	0.0	45.9	44.3
2362	1240.0	-380.0	4.0	0.0	44.9	43.6
2363	1260.0	-380.0	4.0	0.0	44.4	43.0
2364	1280.0	-380.0	4.0	0.0	44.1	42.6
2365	1300.0	-380.0	4.0	0.0	43.2	41.7
2366	1320.0	-380.0	4.0	0.0	42.7	41.1
2367	1340.0	-380.0	4.0	0.0	42.1	40.6
2368	1360.0	-380.0	4.0	0.0	41.6	40.1
2369	1380.0	-380.0	4.0	0.0	37.5	36.3
2370	1400.0	-380.0	4.0	0.0	31.8	30.6
2371	1420.0	-380.0	4.0	0.0	32.1	31.2
2372	1440.0	-380.0	4.0	0.0	31.7	30.8
2373	1460.0	-380.0	4.0	0.0	31.2	30.3
2374	1480.0	-380.0	4.0	0.0	30.9	30.0
2375	1500.0	-380.0	4.0	0.0	30.5	29.6
2376	1520.0	-380.0	4.0	0.0	30.1	29.2
2377	1540.0	-380.0	4.0	0.0	29.7	28.9
2378	1560.0	-380.0	4.0	0.0	29.4	28.5
2379	1580.0	-380.0	4.0	0.0	29.3	28.6
2380	1600.0	-380.0	4.0	0.0	29.5	28.8
2381	1620.0	-380.0	4.0	0.0	29.4	28.8
2382	1640.0	-380.0	4.0	0.0	29.5	28.9
2383	1660.0	-380.0	4.0	0.0	29.2	28.6
2384	1680.0	-380.0	4.0	0.0	28.9	28.3
2385	1700.0	-380.0	4.0	0.0	28.6	28.0
2386	1720.0	-380.0	4.0	0.0	28.3	27.7
2387	1740.0	-380.0	4.0	0.0	28.0	27.4
2388	1760.0	-380.0	4.0	0.0	27.6	27.0
2389	1780.0	-380.0	4.0	0.0	27.3	26.7
2390	1800.0	-380.0	4.0	0.0	27.0	26.5
2391	1820.0	-380.0	4.0	0.0	26.8	26.2
2392	1840.0	-380.0	4.0	0.0	26.5	25.9
2393	1860.0	-380.0	4.0	0.0	26.3	25.7
2394	1880.0	-380.0	4.0	0.0	26.0	25.5
2395	1900.0	-380.0	4.0	0.0	25.8	25.2
2396	1920.0	-380.0	4.0	0.0	25.6	25.0
2397	1940.0	-380.0	4.0	0.0	25.4	24.8
2398	1960.0	-380.0	4.0	0.0	25.1	24.6
2399	1980.0	-380.0	4.0	0.0	24.9	24.4
2400	2000.0	-380.0	4.0	0.0	24.7	24.1
2401	2020.0	-380.0	4.0	0.0	24.5	23.9
2402	2040.0	-380.0	4.0	0.0	24.2	23.7
2403	2060.0	-380.0	4.0	0.0	24.0	23.5
2404	2080.0	-380.0	4.0	0.0	23.8	23.3
2405	2100.0	-380.0	4.0	0.0	23.6	23.1
2406	2120.0	-380.0	4.0	0.0	23.4	22.9
2407	2140.0	-380.0	4.0	0.0	23.2	22.7
2408	2160.0	-380.0	4.0	0.0	23.1	22.5
2409	2180.0	-380.0	4.0	0.0	22.9	22.3
2410	2200.0	-380.0	4.0	0.0	22.7	22.1
2411	2220.0	-380.0	4.0	0.0	22.5	21.9
2412	2240.0	-380.0	4.0	0.0	22.3	21.8
2413	2260.0	-380.0	4.0	0.0	22.1	21.6
2414	2280.0	-380.0	4.0	0.0	22.0	21.4
2415	2300.0	-380.0	4.0	0.0	21.8	21.2
2416	2320.0	-380.0	4.0	0.0	21.7	21.1
2417	2340.0	-380.0	4.0	0.0	21.5	20.9
2418	2360.0	-380.0	4.0	0.0	21.3	20.7
2419	2380.0	-380.0	4.0	0.0	21.2	20.6
2420	2400.0	-380.0	4.0	0.0	21.0	20.4
2421	0.0	-400.0	4.0	0.0	34.6	34.5

2422	20.0	-400.0	4.0	0.0	34.8	34.8
2423	40.0	-400.0	4.0	0.0	35.0	35.0
2424	60.0	-400.0	4.0	0.0	35.2	35.2
2425	80.0	-400.0	4.0	0.0	35.4	35.4
2426	100.0	-400.0	4.0	0.0	35.6	35.6
2427	120.0	-400.0	4.0	0.0	35.9	35.9
2428	140.0	-400.0	4.0	0.0	36.1	36.1
2429	160.0	-400.0	4.0	0.0	36.4	36.3
2430	180.0	-400.0	4.0	0.0	36.6	36.6
2431	200.0	-400.0	4.0	0.0	36.9	36.8
2432	220.0	-400.0	4.0	0.0	37.1	37.1
2433	240.0	-400.0	4.0	0.0	37.4	37.4
2434	260.0	-400.0	4.0	0.0	37.6	37.6
2435	280.0	-400.0	4.0	0.0	37.9	37.9
2436	300.0	-400.0	4.0	0.0	38.2	38.2
2437	320.0	-400.0	4.0	0.0	38.5	38.5
2438	340.0	-400.0	4.0	0.0	38.8	38.8
2439	360.0	-400.0	4.0	0.0	39.1	39.1
2440	380.0	-400.0	4.0	0.0	39.4	39.4
2441	400.0	-400.0	4.0	0.0	39.7	39.7
2442	420.0	-400.0	4.0	0.0	40.0	40.0
2443	440.0	-400.0	4.0	0.0	40.4	40.4
2444	460.0	-400.0	4.0	0.0	40.1	40.1
2445	480.0	-400.0	4.0	0.0	40.4	40.4
2446	500.0	-400.0	4.0	0.0	39.9	39.9
2447	520.0	-400.0	4.0	0.0	40.3	40.3
2448	540.0	-400.0	4.0	0.0	40.8	40.7
2449	560.0	-400.0	4.0	0.0	41.2	41.2
2450	580.0	-400.0	4.0	0.0	40.5	40.5
2451	600.0	-400.0	4.0	0.0	40.9	40.9
2452	620.0	-400.0	4.0	0.0	39.8	39.8
2453	640.0	-400.0	4.0	0.0	40.3	40.3
2454	660.0	-400.0	4.0	0.0	40.8	40.8
2455	680.0	-400.0	4.0	0.0	41.4	41.4
2456	700.0	-400.0	4.0	0.0	41.9	41.9
2457	720.0	-400.0	4.0	0.0	42.5	42.5
2458	740.0	-400.0	4.0	0.0	43.2	43.2
2459	760.0	-400.0	4.0	0.0	43.9	43.9
2460	780.0	-400.0	4.0	0.0	44.7	44.7
2461	800.0	-400.0	4.0	0.0	45.5	45.5
2462	820.0	-400.0	4.0	0.0	46.2	46.2
2463	840.0	-400.0	4.0	0.0	46.9	46.9
2464	860.0	-400.0	4.0	0.0	47.4	47.4
2465	880.0	-400.0	4.0	0.0	47.6	47.6
2466	900.0	-400.0	4.0	0.0	47.3	47.4
2467	920.0	-400.0	4.0	0.0	47.2	47.7
2468	940.0	-400.0	4.0	0.0	44.7	45.1
2473	1040.0	-400.0	4.0	0.0	45.2	45.2
2474	1060.0	-400.0	4.0	0.0	50.1	47.3
2475	1080.0	-400.0	4.0	0.0	50.3	46.9
2476	1100.0	-400.0	4.0	0.0	50.3	46.9
2477	1120.0	-400.0	4.0	0.0	50.2	47.2
2478	1140.0	-400.0	4.0	0.0	49.7	46.8
2479	1160.0	-400.0	4.0	0.0	49.1	46.4
2480	1180.0	-400.0	4.0	0.0	47.7	45.7
2481	1200.0	-400.0	4.0	0.0	46.9	45.1
2482	1220.0	-400.0	4.0	0.0	45.9	44.3
2483	1240.0	-400.0	4.0	0.0	45.3	43.6
2484	1260.0	-400.0	4.0	0.0	44.7	43.0
2485	1280.0	-400.0	4.0	0.0	44.2	42.6
2486	1300.0	-400.0	4.0	0.0	43.4	41.7
2487	1320.0	-400.0	4.0	0.0	42.8	41.1
2488	1340.0	-400.0	4.0	0.0	42.2	40.6
2489	1360.0	-400.0	4.0	0.0	41.7	40.1
2490	1380.0	-400.0	4.0	0.0	42.1	40.9
2491	1400.0	-400.0	4.0	0.0	31.8	30.6
2492	1420.0	-400.0	4.0	0.0	32.2	31.2
2493	1440.0	-400.0	4.0	0.0	31.7	30.8
2494	1460.0	-400.0	4.0	0.0	31.3	30.3
2495	1480.0	-400.0	4.0	0.0	30.9	30.0
2496	1500.0	-400.0	4.0	0.0	30.5	29.6
2497	1520.0	-400.0	4.0	0.0	30.1	29.2
2498	1540.0	-400.0	4.0	0.0	29.7	28.9
2499	1560.0	-400.0	4.0	0.0	29.4	28.5
2500	1580.0	-400.0	4.0	0.0	29.3	28.5
2501	1600.0	-400.0	4.0	0.0	29.5	28.8
2502	1620.0	-400.0	4.0	0.0	29.4	28.8
2503	1640.0	-400.0	4.0	0.0	29.5	28.9
2504	1660.0	-400.0	4.0	0.0	29.2	28.6
2505	1680.0	-400.0	4.0	0.0	28.9	28.3
2506	1700.0	-400.0	4.0	0.0	28.6	28.0
2507	1720.0	-400.0	4.0	0.0	28.3	27.7
2508	1740.0	-400.0	4.0	0.0	28.0	27.4
2509	1760.0	-400.0	4.0	0.0	27.6	27.1
2510	1780.0	-400.0	4.0	0.0	27.3	26.8



2511	1800.0	-400.0	4.0	0.0	27.1	26.5
2512	1820.0	-400.0	4.0	0.0	26.8	26.2
2513	1840.0	-400.0	4.0	0.0	26.5	26.0
2514	1860.0	-400.0	4.0	0.0	26.3	25.7
2515	1880.0	-400.0	4.0	0.0	26.1	25.5
2516	1900.0	-400.0	4.0	0.0	25.8	25.2
2517	1920.0	-400.0	4.0	0.0	25.6	25.0
2518	1940.0	-400.0	4.0	0.0	25.4	24.8
2519	1960.0	-400.0	4.0	0.0	25.2	24.6
2520	1980.0	-400.0	4.0	0.0	24.9	24.4
2521	2000.0	-400.0	4.0	0.0	24.7	24.1
2522	2020.0	-400.0	4.0	0.0	24.5	23.9
2523	2040.0	-400.0	4.0	0.0	24.2	23.7
2524	2060.0	-400.0	4.0	0.0	24.0	23.5
2525	2080.0	-400.0	4.0	0.0	23.8	23.3
2526	2100.0	-400.0	4.0	0.0	23.6	23.1
2527	2120.0	-400.0	4.0	0.0	23.4	22.9
2528	2140.0	-400.0	4.0	0.0	23.3	22.7
2529	2160.0	-400.0	4.0	0.0	23.1	22.5
2530	2180.0	-400.0	4.0	0.0	22.9	22.3
2531	2200.0	-400.0	4.0	0.0	22.7	22.1
2532	2220.0	-400.0	4.0	0.0	22.6	21.9
2533	2240.0	-400.0	4.0	0.0	22.4	21.8
2534	2260.0	-400.0	4.0	0.0	22.2	21.6
2535	2280.0	-400.0	4.0	0.0	22.0	21.4
2536	2300.0	-400.0	4.0	0.0	21.9	21.2
2537	2320.0	-400.0	4.0	0.0	21.7	21.1
2538	2340.0	-400.0	4.0	0.0	21.5	20.9
2539	2360.0	-400.0	4.0	0.0	21.4	20.7
2540	2380.0	-400.0	4.0	0.0	21.2	20.6
2541	2400.0	-400.0	4.0	0.0	21.0	20.4
2542	0.0	-420.0	4.0	0.0	34.6	34.6
2543	20.0	-420.0	4.0	0.0	34.8	34.8
2544	40.0	-420.0	4.0	0.0	35.0	35.0
2545	60.0	-420.0	4.0	0.0	35.2	35.2
2546	80.0	-420.0	4.0	0.0	35.4	35.4
2547	100.0	-420.0	4.0	0.0	35.7	35.6
2548	120.0	-420.0	4.0	0.0	35.9	35.9
2549	140.0	-420.0	4.0	0.0	36.1	36.1
2550	160.0	-420.0	4.0	0.0	36.4	36.4
2551	180.0	-420.0	4.0	0.0	36.6	36.6
2552	200.0	-420.0	4.0	0.0	36.9	36.9
2553	220.0	-420.0	4.0	0.0	37.1	37.1
2554	240.0	-420.0	4.0	0.0	37.4	37.4
2555	260.0	-420.0	4.0	0.0	37.7	37.6
2556	280.0	-420.0	4.0	0.0	37.9	37.9
2557	300.0	-420.0	4.0	0.0	38.2	38.2
2558	320.0	-420.0	4.0	0.0	38.5	38.5
2559	340.0	-420.0	4.0	0.0	38.8	38.8
2560	360.0	-420.0	4.0	0.0	39.1	39.1
2561	380.0	-420.0	4.0	0.0	39.4	39.4
2562	400.0	-420.0	4.0	0.0	39.7	39.7
2563	420.0	-420.0	4.0	0.0	40.1	40.0
2564	440.0	-420.0	4.0	0.0	40.4	40.4
2565	460.0	-420.0	4.0	0.0	40.1	40.1
2566	480.0	-420.0	4.0	0.0	40.4	40.4
2567	500.0	-420.0	4.0	0.0	40.0	39.9
2568	520.0	-420.0	4.0	0.0	40.4	40.3
2569	540.0	-420.0	4.0	0.0	40.8	40.8
2570	560.0	-420.0	4.0	0.0	41.2	41.2
2571	580.0	-420.0	4.0	0.0	40.5	40.5
2572	600.0	-420.0	4.0	0.0	40.9	40.9
2573	620.0	-420.0	4.0	0.0	39.8	39.8
2574	640.0	-420.0	4.0	0.0	40.3	40.3
2575	660.0	-420.0	4.0	0.0	40.9	40.9
2576	680.0	-420.0	4.0	0.0	41.4	41.4
2577	700.0	-420.0	4.0	0.0	42.0	41.9
2578	720.0	-420.0	4.0	0.0	42.6	42.6
2579	740.0	-420.0	4.0	0.0	43.3	43.3
2580	760.0	-420.0	4.0	0.0	44.0	44.0
2581	780.0	-420.0	4.0	0.0	44.7	44.7
2582	800.0	-420.0	4.0	0.0	45.5	45.5
2583	820.0	-420.0	4.0	0.0	46.3	46.3
2584	840.0	-420.0	4.0	0.0	47.0	47.0
2585	860.0	-420.0	4.0	0.0	47.4	47.4
2586	880.0	-420.0	4.0	0.0	47.7	47.7
2587	900.0	-420.0	4.0	0.0	47.4	47.5
2588	920.0	-420.0	4.0	0.0	47.3	47.8
2589	940.0	-420.0	4.0	0.0	44.9	45.2
2595	1060.0	-420.0	4.0	0.0	50.2	41.2
2596	1080.0	-420.0	4.0	0.0	51.7	48.6
2597	1100.0	-420.0	4.0	0.0	51.3	47.1
2598	1120.0	-420.0	4.0	0.0	51.1	47.3
2599	1140.0	-420.0	4.0	0.0	50.4	46.9
2600	1160.0	-420.0	4.0	0.0	48.9	46.5

2601	1180.0	-420.0	4.0	0.0	48.1	45.8
2602	1200.0	-420.0	4.0	0.0	47.0	45.2
2603	1220.0	-420.0	4.0	0.0	46.4	44.4
2604	1240.0	-420.0	4.0	0.0	45.6	43.7
2605	1260.0	-420.0	4.0	0.0	44.9	43.1
2606	1280.0	-420.0	4.0	0.0	44.3	42.6
2607	1300.0	-420.0	4.0	0.0	43.6	41.8
2608	1320.0	-420.0	4.0	0.0	42.9	41.2
2609	1340.0	-420.0	4.0	0.0	42.4	40.7
2610	1360.0	-420.0	4.0	0.0	41.8	40.2
2611	1380.0	-420.0	4.0	0.0	42.3	41.1
2612	1400.0	-420.0	4.0	0.0	33.1	31.6
2613	1420.0	-420.0	4.0	0.0	32.2	31.2
2614	1440.0	-420.0	4.0	0.0	31.7	30.8
2615	1460.0	-420.0	4.0	0.0	31.3	30.4
2616	1480.0	-420.0	4.0	0.0	30.9	30.0
2617	1500.0	-420.0	4.0	0.0	30.5	29.6
2618	1520.0	-420.0	4.0	0.0	30.1	29.2
2619	1540.0	-420.0	4.0	0.0	29.8	28.9
2620	1560.0	-420.0	4.0	0.0	29.4	28.5
2621	1580.0	-420.0	4.0	0.0	29.3	28.4
2622	1600.0	-420.0	4.0	0.0	29.5	28.8
2623	1620.0	-420.0	4.0	0.0	29.4	28.8
2624	1640.0	-420.0	4.0	0.0	29.5	28.9
2625	1660.0	-420.0	4.0	0.0	29.2	28.6
2626	1680.0	-420.0	4.0	0.0	28.9	28.3
2627	1700.0	-420.0	4.0	0.0	28.6	28.0
2628	1720.0	-420.0	4.0	0.0	28.3	27.7
2629	1740.0	-420.0	4.0	0.0	28.0	27.5
2630	1760.0	-420.0	4.0	0.0	27.7	27.1
2631	1780.0	-420.0	4.0	0.0	27.4	26.8
2632	1800.0	-420.0	4.0	0.0	27.1	26.5
2633	1820.0	-420.0	4.0	0.0	26.8	26.2
2634	1840.0	-420.0	4.0	0.0	26.6	26.0
2635	1860.0	-420.0	4.0	0.0	26.3	25.7
2636	1880.0	-420.0	4.0	0.0	26.1	25.5
2637	1900.0	-420.0	4.0	0.0	25.8	25.3
2638	1920.0	-420.0	4.0	0.0	25.6	25.0
2639	1940.0	-420.0	4.0	0.0	25.4	24.8
2640	1960.0	-420.0	4.0	0.0	25.2	24.6
2641	1980.0	-420.0	4.0	0.0	25.0	24.4
2642	2000.0	-420.0	4.0	0.0	24.8	24.2
2643	2020.0	-420.0	4.0	0.0	24.6	23.9
2644	2040.0	-420.0	4.0	0.0	24.3	23.7
2645	2060.0	-420.0	4.0	0.0	24.1	23.5
2646	2080.0	-420.0	4.0	0.0	23.9	23.3
2647	2100.0	-420.0	4.0	0.0	23.7	23.1
2648	2120.0	-420.0	4.0	0.0	23.5	22.9
2649	2140.0	-420.0	4.0	0.0	23.3	22.7
2650	2160.0	-420.0	4.0	0.0	23.1	22.5
2651	2180.0	-420.0	4.0	0.0	23.0	22.3
2652	2200.0	-420.0	4.0	0.0	22.8	22.1
2653	2220.0	-420.0	4.0	0.0	22.6	21.9
2654	2240.0	-420.0	4.0	0.0	22.4	21.8
2655	2260.0	-420.0	4.0	0.0	22.2	21.6
2656	2280.0	-420.0	4.0	0.0	22.1	21.4
2657	2300.0	-420.0	4.0	0.0	21.9	21.2
2658	2320.0	-420.0	4.0	0.0	21.7	21.1
2659	2340.0	-420.0	4.0	0.0	21.6	20.9
2660	2360.0	-420.0	4.0	0.0	21.4	20.7
2661	2380.0	-420.0	4.0	0.0	21.2	20.6
2662	2400.0	-420.0	4.0	0.0	21.1	20.4
2663	0.0	-440.0	4.0	0.0	34.6	34.6
2664	20.0	-440.0	4.0	0.0	34.8	34.8
2665	40.0	-440.0	4.0	0.0	35.0	35.0
2666	60.0	-440.0	4.0	0.0	35.2	35.2
2667	80.0	-440.0	4.0	0.0	35.4	35.4
2668	100.0	-440.0	4.0	0.0	35.7	35.6
2669	120.0	-440.0	4.0	0.0	35.9	35.9
2670	140.0	-440.0	4.0	0.0	36.1	36.1
2671	160.0	-440.0	4.0	0.0	36.4	36.4
2672	180.0	-440.0	4.0	0.0	36.6	36.6
2673	200.0	-440.0	4.0	0.0	36.9	36.9
2674	220.0	-440.0	4.0	0.0	37.1	37.1
2675	240.0	-440.0	4.0	0.0	37.4	37.4
2676	260.0	-440.0	4.0	0.0	37.7	37.6
2677	280.0	-440.0	4.0	0.0	37.9	37.9
2678	300.0	-440.0	4.0	0.0	38.2	38.2
2679	320.0	-440.0	4.0	0.0	38.5	38.5
2680	340.0	-440.0	4.0	0.0	38.8	38.8
2681	360.0	-440.0	4.0	0.0	39.1	39.1
2682	380.0	-440.0	4.0	0.0	39.4	39.4
2683	400.0	-440.0	4.0	0.0	39.7	39.7
2684	420.0	-440.0	4.0	0.0	40.1	40.1
2685	440.0	-440.0	4.0	0.0	40.4	40.4

2686	460.0	-440.0	4.0	0.0	40.1	40.1
2687	480.0	-440.0	4.0	0.0	40.4	40.4
2688	500.0	-440.0	4.0	0.0	39.9	39.9
2689	520.0	-440.0	4.0	0.0	40.3	40.3
2690	540.0	-440.0	4.0	0.0	40.8	40.7
2691	560.0	-440.0	4.0	0.0	41.2	41.2
2692	580.0	-440.0	4.0	0.0	40.5	40.5
2693	600.0	-440.0	4.0	0.0	40.9	40.9
2694	620.0	-440.0	4.0	0.0	39.8	39.8
2695	640.0	-440.0	4.0	0.0	40.4	40.3
2696	660.0	-440.0	4.0	0.0	40.9	40.9
2697	680.0	-440.0	4.0	0.0	41.5	41.4
2698	700.0	-440.0	4.0	0.0	42.0	42.0
2699	720.0	-440.0	4.0	0.0	42.6	42.6
2700	740.0	-440.0	4.0	0.0	43.3	43.3
2701	760.0	-440.0	4.0	0.0	44.0	44.0
2702	780.0	-440.0	4.0	0.0	44.8	44.8
2703	800.0	-440.0	4.0	0.0	45.5	45.5
2704	820.0	-440.0	4.0	0.0	46.3	46.3
2705	840.0	-440.0	4.0	0.0	47.0	47.0
2706	860.0	-440.0	4.0	0.0	47.4	47.4
2707	880.0	-440.0	4.0	0.0	47.7	47.7
2708	900.0	-440.0	4.0	0.0	47.4	47.5
2709	920.0	-440.0	4.0	0.0	47.4	47.9
2710	940.0	-440.0	4.0	0.0	45.3	45.6
2716	1060.0	-440.0	4.0	0.0	51.8	40.2
2717	1080.0	-440.0	4.0	0.0	52.3	45.7
2718	1100.0	-440.0	4.0	0.0	52.3	45.4
2719	1120.0	-440.0	4.0	0.0	51.9	45.9
2720	1140.0	-440.0	4.0	0.0	50.3	46.3
2721	1160.0	-440.0	4.0	0.0	49.4	46.4
2722	1180.0	-440.0	4.0	0.0	48.3	45.8
2723	1200.0	-440.0	4.0	0.0	47.6	45.2
2724	1220.0	-440.0	4.0	0.0	46.7	44.5
2725	1240.0	-440.0	4.0	0.0	45.8	43.8
2726	1260.0	-440.0	4.0	0.0	45.1	43.1
2727	1280.0	-440.0	4.0	0.0	44.4	42.5
2728	1300.0	-440.0	4.0	0.0	43.7	41.8
2729	1320.0	-440.0	4.0	0.0	43.0	41.3
2730	1340.0	-440.0	4.0	0.0	42.4	40.7
2731	1360.0	-440.0	4.0	0.0	41.9	40.3
2732	1380.0	-440.0	4.0	0.0	33.3	32.3
2733	1400.0	-440.0	4.0	0.0	31.9	30.7
2734	1420.0	-440.0	4.0	0.0	32.2	31.3
2735	1440.0	-440.0	4.0	0.0	31.8	30.8
2736	1460.0	-440.0	4.0	0.0	31.3	30.4
2737	1480.0	-440.0	4.0	0.0	30.9	30.0
2738	1500.0	-440.0	4.0	0.0	30.5	29.6
2739	1520.0	-440.0	4.0	0.0	30.1	29.2
2740	1540.0	-440.0	4.0	0.0	29.8	28.8
2741	1560.0	-440.0	4.0	0.0	29.4	28.5
2742	1580.0	-440.0	4.0	0.0	29.2	28.3
2743	1600.0	-440.0	4.0	0.0	29.5	28.8
2744	1620.0	-440.0	4.0	0.0	29.4	28.7
2745	1640.0	-440.0	4.0	0.0	29.5	28.9
2746	1660.0	-440.0	4.0	0.0	29.2	28.6
2747	1680.0	-440.0	4.0	0.0	28.9	28.3
2748	1700.0	-440.0	4.0	0.0	28.6	28.0
2749	1720.0	-440.0	4.0	0.0	28.3	27.8
2750	1740.0	-440.0	4.0	0.0	28.1	27.5
2751	1760.0	-440.0	4.0	0.0	27.7	27.1
2752	1780.0	-440.0	4.0	0.0	27.4	26.8
2753	1800.0	-440.0	4.0	0.0	27.1	26.5
2754	1820.0	-440.0	4.0	0.0	26.9	26.2
2755	1840.0	-440.0	4.0	0.0	26.6	26.0
2756	1860.0	-440.0	4.0	0.0	26.4	25.7
2757	1880.0	-440.0	4.0	0.0	26.1	25.5
2758	1900.0	-440.0	4.0	0.0	25.9	25.3
2759	1920.0	-440.0	4.0	0.0	25.7	25.0
2760	1940.0	-440.0	4.0	0.0	25.5	24.8
2761	1960.0	-440.0	4.0	0.0	25.2	24.6
2762	1980.0	-440.0	4.0	0.0	25.0	24.4
2763	2000.0	-440.0	4.0	0.0	24.8	24.2
2764	2020.0	-440.0	4.0	0.0	24.6	23.9
2765	2040.0	-440.0	4.0	0.0	24.3	23.7
2766	2060.0	-440.0	4.0	0.0	24.1	23.5
2767	2080.0	-440.0	4.0	0.0	23.9	23.3
2768	2100.0	-440.0	4.0	0.0	23.7	23.1
2769	2120.0	-440.0	4.0	0.0	23.6	22.9
2770	2140.0	-440.0	4.0	0.0	23.4	22.7
2771	2160.0	-440.0	4.0	0.0	23.2	22.5
2772	2180.0	-440.0	4.0	0.0	23.0	22.3
2773	2200.0	-440.0	4.0	0.0	22.8	22.1
2774	2220.0	-440.0	4.0	0.0	22.6	21.9
2775	2240.0	-440.0	4.0	0.0	22.5	21.8

2776	2260.0	-440.0	4.0	0.0	22.3	21.6
2777	2280.0	-440.0	4.0	0.0	22.1	21.4
2778	2300.0	-440.0	4.0	0.0	21.9	21.2
2779	2320.0	-440.0	4.0	0.0	21.8	21.1
2780	2340.0	-440.0	4.0	0.0	21.6	20.9
2781	2360.0	-440.0	4.0	0.0	21.4	20.7
2782	2380.0	-440.0	4.0	0.0	21.3	20.6
2783	2400.0	-440.0	4.0	0.0	21.1	20.4
2784	0.0	-460.0	4.0	0.0	34.6	34.5
2785	20.0	-460.0	4.0	0.0	34.8	34.8
2786	40.0	-460.0	4.0	0.0	35.0	35.0
2787	60.0	-460.0	4.0	0.0	35.2	35.2
2788	80.0	-460.0	4.0	0.0	35.4	35.4
2789	100.0	-460.0	4.0	0.0	35.7	35.6
2790	120.0	-460.0	4.0	0.0	35.9	35.9
2791	140.0	-460.0	4.0	0.0	36.1	36.1
2792	160.0	-460.0	4.0	0.0	36.4	36.3
2793	180.0	-460.0	4.0	0.0	36.6	36.6
2794	200.0	-460.0	4.0	0.0	36.9	36.8
2795	220.0	-460.0	4.0	0.0	37.1	37.1
2796	240.0	-460.0	4.0	0.0	37.4	37.4
2797	260.0	-460.0	4.0	0.0	37.7	37.6
2798	280.0	-460.0	4.0	0.0	37.9	37.9
2799	300.0	-460.0	4.0	0.0	38.2	38.2
2800	320.0	-460.0	4.0	0.0	38.5	38.5
2801	340.0	-460.0	4.0	0.0	38.8	38.8
2802	360.0	-460.0	4.0	0.0	39.1	39.1
2803	380.0	-460.0	4.0	0.0	39.4	39.4
2804	400.0	-460.0	4.0	0.0	39.7	39.7
2805	420.0	-460.0	4.0	0.0	40.1	40.0
2806	440.0	-460.0	4.0	0.0	40.4	40.4
2807	460.0	-460.0	4.0	0.0	40.0	40.0
2808	480.0	-460.0	4.0	0.0	40.4	40.4
2809	500.0	-460.0	4.0	0.0	39.9	39.9
2810	520.0	-460.0	4.0	0.0	40.3	40.3
2811	540.0	-460.0	4.0	0.0	40.7	40.7
2812	560.0	-460.0	4.0	0.0	41.1	41.1
2813	580.0	-460.0	4.0	0.0	40.5	40.5
2814	600.0	-460.0	4.0	0.0	40.9	40.9
2815	620.0	-460.0	4.0	0.0	39.8	39.8
2816	640.0	-460.0	4.0	0.0	40.3	40.3
2817	660.0	-460.0	4.0	0.0	40.9	40.9
2818	680.0	-460.0	4.0	0.0	41.4	41.4
2819	700.0	-460.0	4.0	0.0	41.9	41.9
2820	720.0	-460.0	4.0	0.0	42.6	42.6
2821	740.0	-460.0	4.0	0.0	43.2	43.2
2822	760.0	-460.0	4.0	0.0	44.0	43.9
2823	780.0	-460.0	4.0	0.0	44.7	44.7
2824	800.0	-460.0	4.0	0.0	45.5	45.5
2825	820.0	-460.0	4.0	0.0	46.2	46.2
2826	840.0	-460.0	4.0	0.0	46.9	46.9
2827	860.0	-460.0	4.0	0.0	47.3	47.3
2828	880.0	-460.0	4.0	0.0	47.5	47.6
2829	900.0	-460.0	4.0	0.0	47.3	47.3
2830	920.0	-460.0	4.0	0.0	47.3	47.8
2831	940.0	-460.0	4.0	0.0	45.1	45.4
2837	1060.0	-460.0	4.0	0.0	54.0	39.7
2838	1080.0	-460.0	4.0	0.0	54.2	45.0
2839	1100.0	-460.0	4.0	0.0	55.0	45.2
2840	1120.0	-460.0	4.0	0.0	53.8	46.7
2841	1140.0	-460.0	4.0	0.0	50.9	46.0
2842	1160.0	-460.0	4.0	0.0	50.0	45.9
2843	1180.0	-460.0	4.0	0.0	48.8	45.6
2844	1200.0	-460.0	4.0	0.0	47.8	45.1
2845	1220.0	-460.0	4.0	0.0	46.9	44.5
2846	1240.0	-460.0	4.0	0.0	46.0	43.8
2847	1260.0	-460.0	4.0	0.0	45.2	43.1
2848	1280.0	-460.0	4.0	0.0	44.4	42.5
2849	1300.0	-460.0	4.0	0.0	43.8	41.9
2850	1320.0	-460.0	4.0	0.0	43.1	41.3
2851	1340.0	-460.0	4.0	0.0	33.6	32.2
2852	1360.0	-460.0	4.0	0.0	32.0	30.3
2853	1380.0	-460.0	4.0	0.0	32.4	31.1
2854	1400.0	-460.0	4.0	0.0	31.9	30.7
2855	1420.0	-460.0	4.0	0.0	32.2	31.2
2856	1440.0	-460.0	4.0	0.0	31.8	30.8
2857	1460.0	-460.0	4.0	0.0	31.3	30.4
2858	1480.0	-460.0	4.0	0.0	30.9	30.0
2859	1500.0	-460.0	4.0	0.0	30.5	29.6
2860	1520.0	-460.0	4.0	0.0	30.1	29.2
2861	1540.0	-460.0	4.0	0.0	29.8	28.8
2862	1560.0	-460.0	4.0	0.0	29.4	28.5
2863	1580.0	-460.0	4.0	0.0	29.1	28.2
2864	1600.0	-460.0	4.0	0.0	29.6	28.8
2865	1620.0	-460.0	4.0	0.0	29.4	28.6

2866	1640.0	-460.0	4.0	0.0	29.6	28.9
2867	1660.0	-460.0	4.0	0.0	29.3	28.6
2868	1680.0	-460.0	4.0	0.0	29.0	28.3
2869	1700.0	-460.0	4.0	0.0	28.7	28.0
2870	1720.0	-460.0	4.0	0.0	28.4	27.7
2871	1740.0	-460.0	4.0	0.0	28.1	27.5
2872	1760.0	-460.0	4.0	0.0	27.8	27.1
2873	1780.0	-460.0	4.0	0.0	27.5	26.8
2874	1800.0	-460.0	4.0	0.0	27.2	26.5
2875	1820.0	-460.0	4.0	0.0	26.9	26.2
2876	1840.0	-460.0	4.0	0.0	26.7	26.0
2877	1860.0	-460.0	4.0	0.0	26.4	25.8
2878	1880.0	-460.0	4.0	0.0	26.2	25.5
2879	1900.0	-460.0	4.0	0.0	26.0	25.3
2880	1920.0	-460.0	4.0	0.0	25.8	25.1
2881	1940.0	-460.0	4.0	0.0	25.5	24.9
2882	1960.0	-460.0	4.0	0.0	25.3	24.6
2883	1980.0	-460.0	4.0	0.0	25.1	24.4
2884	2000.0	-460.0	4.0	0.0	24.9	24.2
2885	2020.0	-460.0	4.0	0.0	24.6	23.9
2886	2040.0	-460.0	4.0	0.0	24.4	23.7
2887	2060.0	-460.0	4.0	0.0	24.2	23.5
2888	2080.0	-460.0	4.0	0.0	24.0	23.3
2889	2100.0	-460.0	4.0	0.0	23.8	23.1
2890	2120.0	-460.0	4.0	0.0	23.6	22.9
2891	2140.0	-460.0	4.0	0.0	23.6	22.7
2892	2160.0	-460.0	4.0	0.0	23.4	22.5
2893	2180.0	-460.0	4.0	0.0	23.2	22.3
2894	2200.0	-460.0	4.0	0.0	23.1	22.1
2895	2220.0	-460.0	4.0	0.0	22.9	21.9
2896	2240.0	-460.0	4.0	0.0	22.7	21.8
2897	2260.0	-460.0	4.0	0.0	22.5	21.6
2898	2280.0	-460.0	4.0	0.0	22.3	21.4
2899	2300.0	-460.0	4.0	0.0	22.2	21.2
2900	2320.0	-460.0	4.0	0.0	22.0	21.1
2901	2340.0	-460.0	4.0	0.0	21.8	20.9
2902	2360.0	-460.0	4.0	0.0	21.7	20.7
2903	2380.0	-460.0	4.0	0.0	21.5	20.6
2904	2400.0	-460.0	4.0	0.0	21.3	20.4
2905	0.0	-480.0	4.0	0.0	34.6	34.5
2906	20.0	-480.0	4.0	0.0	34.8	34.8
2907	40.0	-480.0	4.0	0.0	35.0	35.0
2908	60.0	-480.0	4.0	0.0	35.2	35.2
2909	80.0	-480.0	4.0	0.0	35.4	35.4
2910	100.0	-480.0	4.0	0.0	35.6	35.6
2911	120.0	-480.0	4.0	0.0	35.9	35.9
2912	140.0	-480.0	4.0	0.0	36.1	36.1
2913	160.0	-480.0	4.0	0.0	36.4	36.3
2914	180.0	-480.0	4.0	0.0	36.6	36.6
2915	200.0	-480.0	4.0	0.0	36.9	36.8
2916	220.0	-480.0	4.0	0.0	37.1	37.1
2917	240.0	-480.0	4.0	0.0	37.4	37.4
2918	260.0	-480.0	4.0	0.0	37.6	37.6
2919	280.0	-480.0	4.0	0.0	37.9	37.9
2920	300.0	-480.0	4.0	0.0	38.2	38.2
2921	320.0	-480.0	4.0	0.0	38.5	38.5
2922	340.0	-480.0	4.0	0.0	38.8	38.8
2923	360.0	-480.0	4.0	0.0	39.1	39.1
2924	380.0	-480.0	4.0	0.0	39.4	39.4
2925	400.0	-480.0	4.0	0.0	39.7	39.7
2926	420.0	-480.0	4.0	0.0	40.0	40.0
2927	440.0	-480.0	4.0	0.0	40.4	40.4
2928	460.0	-480.0	4.0	0.0	40.0	40.0
2929	480.0	-480.0	4.0	0.0	40.4	40.4
2930	500.0	-480.0	4.0	0.0	39.9	39.9
2931	520.0	-480.0	4.0	0.0	40.3	40.3
2932	540.0	-480.0	4.0	0.0	40.7	40.7
2933	560.0	-480.0	4.0	0.0	41.1	41.1
2934	580.0	-480.0	4.0	0.0	40.5	40.4
2935	600.0	-480.0	4.0	0.0	40.8	40.8
2936	620.0	-480.0	4.0	0.0	39.8	39.8
2937	640.0	-480.0	4.0	0.0	40.3	40.3
2938	660.0	-480.0	4.0	0.0	40.8	40.8
2939	680.0	-480.0	4.0	0.0	41.4	41.4
2940	700.0	-480.0	4.0	0.0	41.9	41.9
2941	720.0	-480.0	4.0	0.0	42.5	42.5
2942	740.0	-480.0	4.0	0.0	43.2	43.1
2943	760.0	-480.0	4.0	0.0	43.9	43.8
2944	780.0	-480.0	4.0	0.0	44.6	44.6
2945	800.0	-480.0	4.0	0.0	45.3	45.3
2946	820.0	-480.0	4.0	0.0	46.0	46.0
2947	840.0	-480.0	4.0	0.0	46.7	46.7
2948	860.0	-480.0	4.0	0.0	47.1	47.1
2949	880.0	-480.0	4.0	0.0	47.3	47.3
2950	900.0	-480.0	4.0	0.0	47.0	47.1

2951	920.0	-480.0	4.0	0.0	46.9	47.4
2952	940.0	-480.0	4.0	0.0	44.3	44.7
2958	1060.0	-480.0	4.0	0.0	56.7	39.5
2959	1080.0	-480.0	4.0	0.0	57.2	44.7
2960	1100.0	-480.0	4.0	0.0	60.5	45.3
2961	1120.0	-480.0	4.0	0.0	57.9	46.1
2962	1140.0	-480.0	4.0	0.0	53.5	46.7
2963	1160.0	-480.0	4.0	0.0	51.0	46.6
2964	1180.0	-480.0	4.0	0.0	49.3	45.9
2965	1200.0	-480.0	4.0	0.0	48.0	45.1
2966	1220.0	-480.0	4.0	0.0	47.0	44.4
2967	1240.0	-480.0	4.0	0.0	46.1	43.8
2968	1260.0	-480.0	4.0	0.0	45.3	43.1
2969	1280.0	-480.0	4.0	0.0	44.5	42.5
2970	1300.0	-480.0	4.0	0.0	35.2	33.9
2971	1320.0	-480.0	4.0	0.0	33.1	31.3
2972	1340.0	-480.0	4.0	0.0	32.6	30.8
2973	1360.0	-480.0	4.0	0.0	32.1	30.5
2974	1380.0	-480.0	4.0	0.0	32.4	31.1
2975	1400.0	-480.0	4.0	0.0	32.0	30.7
2976	1420.0	-480.0	4.0	0.0	32.2	31.2
2977	1440.0	-480.0	4.0	0.0	31.8	30.8
2978	1460.0	-480.0	4.0	0.0	31.4	30.3
2979	1480.0	-480.0	4.0	0.0	31.0	30.0
2980	1500.0	-480.0	4.0	0.0	30.6	29.6
2981	1520.0	-480.0	4.0	0.0	30.2	29.2
2982	1540.0	-480.0	4.0	0.0	29.9	28.8
2983	1560.0	-480.0	4.0	0.0	29.5	28.5
2984	1580.0	-480.0	4.0	0.0	29.2	28.2
2985	1600.0	-480.0	4.0	0.0	29.6	28.8
2986	1620.0	-480.0	4.0	0.0	29.4	28.6
2987	1640.0	-480.0	4.0	0.0	29.6	28.9
2988	1660.0	-480.0	4.0	0.0	29.3	28.6
2989	1680.0	-480.0	4.0	0.0	29.1	28.3
2990	1700.0	-480.0	4.0	0.0	28.8	28.1
2991	1720.0	-480.0	4.0	0.0	28.5	27.8
2992	1740.0	-480.0	4.0	0.0	28.2	27.5
2993	1760.0	-480.0	4.0	0.0	27.8	27.1
2994	1780.0	-480.0	4.0	0.0	27.5	26.8
2995	1800.0	-480.0	4.0	0.0	27.3	26.5
2996	1820.0	-480.0	4.0	0.0	27.2	26.3
2997	1840.0	-480.0	4.0	0.0	27.0	26.0
2998	1860.0	-480.0	4.0	0.0	26.7	25.8
2999	1880.0	-480.0	4.0	0.0	26.5	25.5
3000	1900.0	-480.0	4.0	0.0	26.2	25.3
3001	1920.0	-480.0	4.0	0.0	26.0	25.1
3002	1940.0	-480.0	4.0	0.0	25.8	24.9
3003	1960.0	-480.0	4.0	0.0	25.6	24.6
3004	1980.0	-480.0	4.0	0.0	25.3	24.4
3005	2000.0	-480.0	4.0	0.0	25.1	24.2
3006	2020.0	-480.0	4.0	0.0	24.9	23.9
3007	2040.0	-480.0	4.0	0.0	24.6	23.7
3008	2060.0	-480.0	4.0	0.0	24.4	23.5
3009	2080.0	-480.0	4.0	0.0	24.2	23.3
3010	2100.0	-480.0	4.0	0.0	24.0	23.1
3011	2120.0	-480.0	4.0	0.0	23.8	22.9
3012	2140.0	-480.0	4.0	0.0	23.6	22.7
3013	2160.0	-480.0	4.0	0.0	23.4	22.5
3014	2180.0	-480.0	4.0	0.0	23.2	22.3
3015	2200.0	-480.0	4.0	0.0	23.0	22.1
3016	2220.0	-480.0	4.0	0.0	22.9	21.9
3017	2240.0	-480.0	4.0	0.0	22.7	21.8
3018	2260.0	-480.0	4.0	0.0	22.5	21.6
3019	2280.0	-480.0	4.0	0.0	22.3	21.4
3020	2300.0	-480.0	4.0	0.0	22.2	21.2
3021	2320.0	-480.0	4.0	0.0	22.0	21.1
3022	2340.0	-480.0	4.0	0.0	21.8	20.9
3023	2360.0	-480.0	4.0	0.0	21.7	20.7
3024	2380.0	-480.0	4.0	0.0	21.5	20.6
3025	2400.0	-480.0	4.0	0.0	21.3	20.4
3026	0.0	-500.0	4.0	0.0	34.6	34.5
3027	20.0	-500.0	4.0	0.0	34.8	34.7
3028	40.0	-500.0	4.0	0.0	35.0	35.0
3029	60.0	-500.0	4.0	0.0	35.2	35.2
3030	80.0	-500.0	4.0	0.0	35.4	35.4
3031	100.0	-500.0	4.0	0.0	35.6	35.6
3032	120.0	-500.0	4.0	0.0	35.9	35.8
3033	140.0	-500.0	4.0	0.0	36.1	36.1
3034	160.0	-500.0	4.0	0.0	36.3	36.3
3035	180.0	-500.0	4.0	0.0	36.6	36.6
3036	200.0	-500.0	4.0	0.0	36.8	36.8
3037	220.0	-500.0	4.0	0.0	37.1	37.1
3038	240.0	-500.0	4.0	0.0	37.4	37.3
3039	260.0	-500.0	4.0	0.0	37.6	37.6
3040	280.0	-500.0	4.0	0.0	37.9	37.9

3041	300.0	-500.0	4.0	0.0	38.2	38.2
3042	320.0	-500.0	4.0	0.0	38.5	38.5
3043	340.0	-500.0	4.0	0.0	38.8	38.8
3044	360.0	-500.0	4.0	0.0	39.0	39.0
3045	380.0	-500.0	4.0	0.0	39.4	39.3
3046	400.0	-500.0	4.0	0.0	39.7	39.7
3047	420.0	-500.0	4.0	0.0	40.0	40.0
3048	440.0	-500.0	4.0	0.0	40.3	40.3
3049	460.0	-500.0	4.0	0.0	40.0	40.0
3050	480.0	-500.0	4.0	0.0	40.3	40.3
3051	500.0	-500.0	4.0	0.0	39.8	39.8
3052	520.0	-500.0	4.0	0.0	40.2	40.2
3053	540.0	-500.0	4.0	0.0	40.6	40.6
3054	560.0	-500.0	4.0	0.0	41.0	41.0
3055	580.0	-500.0	4.0	0.0	40.4	40.4
3056	600.0	-500.0	4.0	0.0	40.7	40.7
3057	620.0	-500.0	4.0	0.0	39.7	39.7
3058	640.0	-500.0	4.0	0.0	40.2	40.2
3059	660.0	-500.0	4.0	0.0	40.7	40.7
3060	680.0	-500.0	4.0	0.0	41.3	41.3
3061	700.0	-500.0	4.0	0.0	41.8	41.8
3062	720.0	-500.0	4.0	0.0	42.4	42.4
3063	740.0	-500.0	4.0	0.0	43.0	43.0
3064	760.0	-500.0	4.0	0.0	43.7	43.7
3065	780.0	-500.0	4.0	0.0	44.4	44.4
3066	800.0	-500.0	4.0	0.0	45.1	45.1
3067	820.0	-500.0	4.0	0.0	45.8	45.8
3068	840.0	-500.0	4.0	0.0	46.4	46.4
3069	860.0	-500.0	4.0	0.0	46.8	46.8
3070	880.0	-500.0	4.0	0.0	47.0	47.0
3071	900.0	-500.0	4.0	0.0	46.7	46.7
3072	920.0	-500.0	4.0	0.0	46.5	47.1
3073	940.0	-500.0	4.0	0.0	43.7	44.1
3079	1060.0	-500.0	4.0	0.0	61.0	39.4
3080	1080.0	-500.0	4.0	0.0	57.9	45.6
3081	1100.0	-500.0	4.0	0.0	61.5	45.7
3082	1120.0	-500.0	4.0	0.0	59.5	46.0
3083	1140.0	-500.0	4.0	0.0	53.6	46.1
3084	1160.0	-500.0	4.0	0.0	51.1	46.5
3085	1180.0	-500.0	4.0	0.0	49.5	46.1
3086	1200.0	-500.0	4.0	0.0	48.3	45.5
3087	1220.0	-500.0	4.0	0.0	47.2	44.7
3088	1240.0	-500.0	4.0	0.0	46.1	43.8
3089	1260.0	-500.0	4.0	0.0	37.1	35.7
3090	1280.0	-500.0	4.0	0.0	34.7	32.5
3091	1300.0	-500.0	4.0	0.0	34.0	31.9
3092	1320.0	-500.0	4.0	0.0	33.3	31.3
3093	1340.0	-500.0	4.0	0.0	32.8	30.9
3094	1360.0	-500.0	4.0	0.0	32.4	30.6
3095	1380.0	-500.0	4.0	0.0	32.4	30.9
3096	1400.0	-500.0	4.0	0.0	32.2	30.8
3097	1420.0	-500.0	4.0	0.0	32.4	31.2
3098	1440.0	-500.0	4.0	0.0	31.9	30.8
3099	1460.0	-500.0	4.0	0.0	31.5	30.3
3100	1480.0	-500.0	4.0	0.0	31.4	30.0
3101	1500.0	-500.0	4.0	0.0	31.0	29.6
3102	1520.0	-500.0	4.0	0.0	30.6	29.2
3103	1540.0	-500.0	4.0	0.0	30.2	28.9
3104	1560.0	-500.0	4.0	0.0	29.9	28.5
3105	1580.0	-500.0	4.0	0.0	29.6	28.3
3106	1600.0	-500.0	4.0	0.0	29.9	28.8
3107	1620.0	-500.0	4.0	0.0	29.8	28.7
3108	1640.0	-500.0	4.0	0.0	29.9	28.9
3109	1660.0	-500.0	4.0	0.0	29.6	28.7
3110	1680.0	-500.0	4.0	0.0	29.3	28.4
3111	1700.0	-500.0	4.0	0.0	29.0	28.1
3112	1720.0	-500.0	4.0	0.0	28.7	27.8
3113	1740.0	-500.0	4.0	0.0	28.4	27.5
3114	1760.0	-500.0	4.0	0.0	28.0	27.1
3115	1780.0	-500.0	4.0	0.0	27.7	26.8
3116	1800.0	-500.0	4.0	0.0	27.5	26.5
3117	1820.0	-500.0	4.0	0.0	27.2	26.3
3118	1840.0	-500.0	4.0	0.0	26.9	26.0
3119	1860.0	-500.0	4.0	0.0	26.7	25.8
3120	1880.0	-500.0	4.0	0.0	26.5	25.5
3121	1900.0	-500.0	4.0	0.0	26.2	25.3
3122	1920.0	-500.0	4.0	0.0	26.0	25.1
3123	1940.0	-500.0	4.0	0.0	25.8	24.9
3124	1960.0	-500.0	4.0	0.0	25.6	24.6
3125	1980.0	-500.0	4.0	0.0	25.3	24.4
3126	2000.0	-500.0	4.0	0.0	25.1	24.2
3127	2020.0	-500.0	4.0	0.0	24.9	23.9
3128	2040.0	-500.0	4.0	0.0	24.6	23.7
3129	2060.0	-500.0	4.0	0.0	24.4	23.4
3130	2080.0	-500.0	4.0	0.0	24.2	23.2

3131	2100.0	-500.0	4.0	0.0	24.0	23.1
3132	2120.0	-500.0	4.0	0.0	23.8	22.9
3133	2140.0	-500.0	4.0	0.0	23.6	22.7
3134	2160.0	-500.0	4.0	0.0	23.4	22.5
3135	2180.0	-500.0	4.0	0.0	23.2	22.3
3136	2200.0	-500.0	4.0	0.0	23.0	22.1
3137	2220.0	-500.0	4.0	0.0	22.9	21.9
3138	2240.0	-500.0	4.0	0.0	22.7	21.8
3139	2260.0	-500.0	4.0	0.0	22.5	21.6
3140	2280.0	-500.0	4.0	0.0	22.3	21.4
3141	2300.0	-500.0	4.0	0.0	22.2	21.2
3142	2320.0	-500.0	4.0	0.0	22.0	21.1
3143	2340.0	-500.0	4.0	0.0	21.8	20.9
3144	2360.0	-500.0	4.0	0.0	21.6	20.7
3145	2380.0	-500.0	4.0	0.0	21.5	20.6
3146	2400.0	-500.0	4.0	0.0	21.3	20.4
3147	0.0	-520.0	4.0	0.0	34.5	34.5
3148	20.0	-520.0	4.0	0.0	34.7	34.7
3149	40.0	-520.0	4.0	0.0	35.0	34.9
3150	60.0	-520.0	4.0	0.0	35.2	35.2
3151	80.0	-520.0	4.0	0.0	35.4	35.4
3152	100.0	-520.0	4.0	0.0	35.6	35.6
3153	120.0	-520.0	4.0	0.0	35.8	35.8
3154	140.0	-520.0	4.0	0.0	36.1	36.1
3155	160.0	-520.0	4.0	0.0	36.3	36.3
3156	180.0	-520.0	4.0	0.0	36.6	36.5
3157	200.0	-520.0	4.0	0.0	36.8	36.8
3158	220.0	-520.0	4.0	0.0	37.1	37.1
3159	240.0	-520.0	4.0	0.0	37.3	37.3
3160	260.0	-520.0	4.0	0.0	37.6	37.6
3161	280.0	-520.0	4.0	0.0	37.9	37.9
3162	300.0	-520.0	4.0	0.0	38.2	38.1
3163	320.0	-520.0	4.0	0.0	38.4	38.4
3164	340.0	-520.0	4.0	0.0	38.7	38.7
3165	360.0	-520.0	4.0	0.0	39.0	39.0
3166	380.0	-520.0	4.0	0.0	39.3	39.3
3167	400.0	-520.0	4.0	0.0	39.6	39.6
3168	420.0	-520.0	4.0	0.0	40.0	39.9
3169	440.0	-520.0	4.0	0.0	40.3	40.3
3170	460.0	-520.0	4.0	0.0	40.0	39.9
3171	480.0	-520.0	4.0	0.0	40.3	40.3
3172	500.0	-520.0	4.0	0.0	39.8	39.8
3173	520.0	-520.0	4.0	0.0	40.1	40.1
3174	540.0	-520.0	4.0	0.0	40.5	40.5
3175	560.0	-520.0	4.0	0.0	40.9	40.9
3176	580.0	-520.0	4.0	0.0	40.3	40.3
3177	600.0	-520.0	4.0	0.0	40.6	40.6
3178	620.0	-520.0	4.0	0.0	39.6	39.6
3179	640.0	-520.0	4.0	0.0	40.1	40.1
3180	660.0	-520.0	4.0	0.0	40.6	40.6
3181	680.0	-520.0	4.0	0.0	41.2	41.1
3182	700.0	-520.0	4.0	0.0	41.6	41.6
3183	720.0	-520.0	4.0	0.0	42.2	42.2
3184	740.0	-520.0	4.0	0.0	42.8	42.8
3185	760.0	-520.0	4.0	0.0	43.5	43.5
3186	780.0	-520.0	4.0	0.0	44.2	44.2
3187	800.0	-520.0	4.0	0.0	44.9	44.9
3188	820.0	-520.0	4.0	0.0	45.5	45.5
3189	840.0	-520.0	4.0	0.0	46.1	46.1
3190	860.0	-520.0	4.0	0.0	46.5	46.5
3191	880.0	-520.0	4.0	0.0	46.7	46.7
3192	900.0	-520.0	4.0	0.0	46.4	46.4
3193	920.0	-520.0	4.0	0.0	46.3	46.9
3194	940.0	-520.0	4.0	0.0	43.4	43.9
3200	1060.0	-520.0	4.0	0.0	70.6	51.5
3201	1080.0	-520.0	4.0	0.0	60.8	48.4
3202	1100.0	-520.0	4.0	0.0	56.9	46.7
3203	1120.0	-520.0	4.0	0.0	55.1	46.6
3204	1140.0	-520.0	4.0	0.0	52.9	46.4
3205	1160.0	-520.0	4.0	0.0	51.1	46.2
3206	1180.0	-520.0	4.0	0.0	49.8	45.9
3207	1200.0	-520.0	4.0	0.0	48.8	45.6
3208	1220.0	-520.0	4.0	0.0	47.8	45.0
3209	1240.0	-520.0	4.0	0.0	36.9	34.2
3210	1260.0	-520.0	4.0	0.0	36.0	33.4
3211	1280.0	-520.0	4.0	0.0	35.4	33.0
3212	1300.0	-520.0	4.0	0.0	34.5	32.0
3213	1320.0	-520.0	4.0	0.0	33.9	31.4
3214	1340.0	-520.0	4.0	0.0	33.3	30.9
3215	1360.0	-520.0	4.0	0.0	32.9	30.7
3216	1380.0	-520.0	4.0	0.0	32.5	30.4
3217	1400.0	-520.0	4.0	0.0	32.1	30.1
3218	1420.0	-520.0	4.0	0.0	32.2	30.5
3219	1440.0	-520.0	4.0	0.0	31.8	30.1
3220	1460.0	-520.0	4.0	0.0	31.4	29.7



3221	1480.0	-520.0	4.0	0.0	31.2	29.7
3222	1500.0	-520.0	4.0	0.0	30.8	29.3
3223	1520.0	-520.0	4.0	0.0	30.6	29.2
3224	1540.0	-520.0	4.0	0.0	30.2	28.8
3225	1560.0	-520.0	4.0	0.0	29.9	28.5
3226	1580.0	-520.0	4.0	0.0	29.7	28.4
3227	1600.0	-520.0	4.0	0.0	29.9	28.8
3228	1620.0	-520.0	4.0	0.0	29.8	28.8
3229	1640.0	-520.0	4.0	0.0	29.8	28.9
3230	1660.0	-520.0	4.0	0.0	29.5	28.6
3231	1680.0	-520.0	4.0	0.0	29.2	28.3
3232	1700.0	-520.0	4.0	0.0	29.0	28.0
3233	1720.0	-520.0	4.0	0.0	28.7	27.7
3234	1740.0	-520.0	4.0	0.0	28.4	27.4
3235	1760.0	-520.0	4.0	0.0	28.0	27.1
3236	1780.0	-520.0	4.0	0.0	27.7	26.8
3237	1800.0	-520.0	4.0	0.0	27.4	26.5
3238	1820.0	-520.0	4.0	0.0	27.2	26.2
3239	1840.0	-520.0	4.0	0.0	26.9	26.0
3240	1860.0	-520.0	4.0	0.0	26.7	25.7
3241	1880.0	-520.0	4.0	0.0	26.4	25.5
3242	1900.0	-520.0	4.0	0.0	26.2	25.3
3243	1920.0	-520.0	4.0	0.0	26.0	25.1
3244	1940.0	-520.0	4.0	0.0	25.8	24.8
3245	1960.0	-520.0	4.0	0.0	25.5	24.6
3246	1980.0	-520.0	4.0	0.0	25.3	24.4
3247	2000.0	-520.0	4.0	0.0	25.1	24.2
3248	2020.0	-520.0	4.0	0.0	24.8	23.9
3249	2040.0	-520.0	4.0	0.0	24.6	23.7
3250	2060.0	-520.0	4.0	0.0	24.4	23.4
3251	2080.0	-520.0	4.0	0.0	24.2	23.2
3252	2100.0	-520.0	4.0	0.0	24.0	23.0
3253	2120.0	-520.0	4.0	0.0	23.8	22.8
3254	2140.0	-520.0	4.0	0.0	23.6	22.7
3255	2160.0	-520.0	4.0	0.0	23.4	22.5
3256	2180.0	-520.0	4.0	0.0	23.2	22.3
3257	2200.0	-520.0	4.0	0.0	23.0	22.1
3258	2220.0	-520.0	4.0	0.0	22.9	21.9
3259	2240.0	-520.0	4.0	0.0	22.7	21.7
3260	2260.0	-520.0	4.0	0.0	22.5	21.6
3261	2280.0	-520.0	4.0	0.0	22.3	21.4
3262	2300.0	-520.0	4.0	0.0	22.1	21.2
3263	2320.0	-520.0	4.0	0.0	22.0	21.1
3264	2340.0	-520.0	4.0	0.0	21.8	20.9
3265	2360.0	-520.0	4.0	0.0	21.6	20.7
3266	2380.0	-520.0	4.0	0.0	21.5	20.6
3267	2400.0	-520.0	4.0	0.0	21.3	20.4
3268	0.0	-540.0	4.0	0.0	34.5	34.5
3269	20.0	-540.0	4.0	0.0	34.7	34.7
3270	40.0	-540.0	4.0	0.0	34.9	34.9
3271	60.0	-540.0	4.0	0.0	35.2	35.1
3272	80.0	-540.0	4.0	0.0	35.4	35.3
3273	100.0	-540.0	4.0	0.0	35.6	35.6
3274	120.0	-540.0	4.0	0.0	35.8	35.8
3275	140.0	-540.0	4.0	0.0	36.1	36.0
3276	160.0	-540.0	4.0	0.0	36.3	36.3
3277	180.0	-540.0	4.0	0.0	36.5	36.5
3278	200.0	-540.0	4.0	0.0	36.8	36.8
3279	220.0	-540.0	4.0	0.0	37.0	37.0
3280	240.0	-540.0	4.0	0.0	37.3	37.3
3281	260.0	-540.0	4.0	0.0	37.6	37.5
3282	280.0	-540.0	4.0	0.0	37.8	37.8
3283	300.0	-540.0	4.0	0.0	38.1	38.1
3284	320.0	-540.0	4.0	0.0	38.4	38.4
3285	340.0	-540.0	4.0	0.0	38.7	38.7
3286	360.0	-540.0	4.0	0.0	39.0	38.9
3287	380.0	-540.0	4.0	0.0	39.3	39.3
3288	400.0	-540.0	4.0	0.0	39.6	39.6
3289	420.0	-540.0	4.0	0.0	39.9	39.9
3290	440.0	-540.0	4.0	0.0	40.2	40.2
3291	460.0	-540.0	4.0	0.0	39.9	39.9
3292	480.0	-540.0	4.0	0.0	40.2	40.2
3293	500.0	-540.0	4.0	0.0	39.7	39.7
3294	520.0	-540.0	4.0	0.0	40.1	40.0
3295	540.0	-540.0	4.0	0.0	40.4	40.4
3296	560.0	-540.0	4.0	0.0	40.8	40.8
3297	580.0	-540.0	4.0	0.0	40.2	40.2
3298	600.0	-540.0	4.0	0.0	40.5	40.5
3299	620.0	-540.0	4.0	0.0	39.5	39.5
3300	640.0	-540.0	4.0	0.0	40.0	40.0
3301	660.0	-540.0	4.0	0.0	40.5	40.5
3302	680.0	-540.0	4.0	0.0	41.0	41.0
3303	700.0	-540.0	4.0	0.0	41.5	41.4
3304	720.0	-540.0	4.0	0.0	42.0	42.0
3305	740.0	-540.0	4.0	0.0	42.6	42.6

3306	760.0	-540.0	4.0	0.0	43.3	43.3
3307	780.0	-540.0	4.0	0.0	43.9	43.9
3308	800.0	-540.0	4.0	0.0	44.6	44.6
3309	820.0	-540.0	4.0	0.0	45.2	45.2
3310	840.0	-540.0	4.0	0.0	45.8	45.8
3311	860.0	-540.0	4.0	0.0	46.1	46.1
3312	880.0	-540.0	4.0	0.0	46.4	46.4
3313	900.0	-540.0	4.0	0.0	46.1	46.1
3314	920.0	-540.0	4.0	0.0	46.2	46.8
3315	940.0	-540.0	4.0	0.0	43.7	44.1
3320	1040.0	-540.0	4.0	0.0	62.3	56.3
3321	1060.0	-540.0	4.0	0.0	66.6	53.3
3322	1080.0	-540.0	4.0	0.0	60.3	48.5
3323	1100.0	-540.0	4.0	0.0	56.0	46.8
3324	1120.0	-540.0	4.0	0.0	53.7	46.4
3325	1140.0	-540.0	4.0	0.0	52.0	46.1
3326	1160.0	-540.0	4.0	0.0	50.6	45.9
3327	1180.0	-540.0	4.0	0.0	49.4	45.4
3328	1200.0	-540.0	4.0	0.0	48.4	45.0
3329	1220.0	-540.0	4.0	0.0	47.6	44.6
3330	1240.0	-540.0	4.0	0.0	39.4	35.7
3331	1260.0	-540.0	4.0	0.0	36.1	33.5
3332	1280.0	-540.0	4.0	0.0	35.4	33.0
3333	1300.0	-540.0	4.0	0.0	34.5	32.1
3334	1320.0	-540.0	4.0	0.0	34.0	31.6
3335	1340.0	-540.0	4.0	0.0	33.3	31.0
3336	1360.0	-540.0	4.0	0.0	33.0	30.8
3337	1380.0	-540.0	4.0	0.0	32.3	30.1
3338	1400.0	-540.0	4.0	0.0	31.9	29.9
3339	1420.0	-540.0	4.0	0.0	31.5	29.4
3340	1440.0	-540.0	4.0	0.0	31.1	29.1
3341	1460.0	-540.0	4.0	0.0	30.7	28.8
3342	1480.0	-540.0	4.0	0.0	30.6	28.9
3343	1500.0	-540.0	4.0	0.0	30.5	28.9
3344	1520.0	-540.0	4.0	0.0	30.1	28.6
3345	1540.0	-540.0	4.0	0.0	29.8	28.2
3346	1560.0	-540.0	4.0	0.0	29.6	28.2
3347	1580.0	-540.0	4.0	0.0	29.6	28.2
3348	1600.0	-540.0	4.0	0.0	29.9	28.7
3349	1620.0	-540.0	4.0	0.0	29.8	28.7
3350	1640.0	-540.0	4.0	0.0	29.8	28.9
3351	1660.0	-540.0	4.0	0.0	29.5	28.6
3352	1680.0	-540.0	4.0	0.0	29.2	28.3
3353	1700.0	-540.0	4.0	0.0	28.9	28.0
3354	1720.0	-540.0	4.0	0.0	28.6	27.7
3355	1740.0	-540.0	4.0	0.0	28.3	27.4
3356	1760.0	-540.0	4.0	0.0	28.0	27.1
3357	1780.0	-540.0	4.0	0.0	27.7	26.8
3358	1800.0	-540.0	4.0	0.0	27.4	26.5
3359	1820.0	-540.0	4.0	0.0	27.2	26.2
3360	1840.0	-540.0	4.0	0.0	26.9	26.0
3361	1860.0	-540.0	4.0	0.0	26.7	25.7
3362	1880.0	-540.0	4.0	0.0	26.4	25.5
3363	1900.0	-540.0	4.0	0.0	26.2	25.3
3364	1920.0	-540.0	4.0	0.0	26.0	25.0
3365	1940.0	-540.0	4.0	0.0	25.7	24.8
3366	1960.0	-540.0	4.0	0.0	25.5	24.6
3367	1980.0	-540.0	4.0	0.0	25.3	24.4
3368	2000.0	-540.0	4.0	0.0	25.1	24.2
3369	2020.0	-540.0	4.0	0.0	24.8	23.9
3370	2040.0	-540.0	4.0	0.0	24.6	23.6
3371	2060.0	-540.0	4.0	0.0	24.4	23.4
3372	2080.0	-540.0	4.0	0.0	24.2	23.2
3373	2100.0	-540.0	4.0	0.0	24.0	23.0
3374	2120.0	-540.0	4.0	0.0	23.8	22.8
3375	2140.0	-540.0	4.0	0.0	23.6	22.6
3376	2160.0	-540.0	4.0	0.0	23.4	22.5
3377	2180.0	-540.0	4.0	0.0	23.2	22.3
3378	2200.0	-540.0	4.0	0.0	23.0	22.1
3379	2220.0	-540.0	4.0	0.0	22.8	21.9
3380	2240.0	-540.0	4.0	0.0	22.7	21.7
3381	2260.0	-540.0	4.0	0.0	22.5	21.6
3382	2280.0	-540.0	4.0	0.0	22.3	21.4
3383	2300.0	-540.0	4.0	0.0	22.1	21.2
3384	2320.0	-540.0	4.0	0.0	22.0	21.0
3385	2340.0	-540.0	4.0	0.0	21.8	20.9
3386	2360.0	-540.0	4.0	0.0	21.6	20.7
3387	2380.0	-540.0	4.0	0.0	21.5	20.5
3388	2400.0	-540.0	4.0	0.0	21.3	20.4
3389	0.0	-560.0	4.0	0.0	34.5	34.5
3390	20.0	-560.0	4.0	0.0	34.7	34.7
3391	40.0	-560.0	4.0	0.0	34.9	34.9
3392	60.0	-560.0	4.0	0.0	35.1	35.1
3393	80.0	-560.0	4.0	0.0	35.3	35.3
3394	100.0	-560.0	4.0	0.0	35.6	35.5

3395	120.0	-560.0	4.0	0.0	35.8	35.8
3396	140.0	-560.0	4.0	0.0	36.0	36.0
3397	160.0	-560.0	4.0	0.0	36.3	36.2
3398	180.0	-560.0	4.0	0.0	36.5	36.5
3399	200.0	-560.0	4.0	0.0	36.7	36.7
3400	220.0	-560.0	4.0	0.0	37.0	37.0
3401	240.0	-560.0	4.0	0.0	37.3	37.2
3402	260.0	-560.0	4.0	0.0	37.5	37.5
3403	280.0	-560.0	4.0	0.0	37.8	37.8
3404	300.0	-560.0	4.0	0.0	38.1	38.1
3405	320.0	-560.0	4.0	0.0	38.3	38.3
3406	340.0	-560.0	4.0	0.0	38.6	38.6
3407	360.0	-560.0	4.0	0.0	38.9	38.9
3408	380.0	-560.0	4.0	0.0	39.2	39.2
3409	400.0	-560.0	4.0	0.0	39.5	39.5
3410	420.0	-560.0	4.0	0.0	39.8	39.8
3411	440.0	-560.0	4.0	0.0	40.2	40.2
3412	460.0	-560.0	4.0	0.0	39.9	39.9
3413	480.0	-560.0	4.0	0.0	40.1	40.1
3414	500.0	-560.0	4.0	0.0	39.6	39.6
3415	520.0	-560.0	4.0	0.0	40.0	39.9
3416	540.0	-560.0	4.0	0.0	40.3	40.3
3417	560.0	-560.0	4.0	0.0	40.7	40.7
3418	580.0	-560.0	4.0	0.0	40.1	40.1
3419	600.0	-560.0	4.0	0.0	40.4	40.4
3420	620.0	-560.0	4.0	0.0	39.4	39.4
3421	640.0	-560.0	4.0	0.0	39.9	39.8
3422	660.0	-560.0	4.0	0.0	40.3	40.3
3423	680.0	-560.0	4.0	0.0	40.8	40.8
3424	700.0	-560.0	4.0	0.0	41.3	41.3
3425	720.0	-560.0	4.0	0.0	41.8	41.8
3426	740.0	-560.0	4.0	0.0	42.4	42.4
3427	760.0	-560.0	4.0	0.0	43.0	43.0
3428	780.0	-560.0	4.0	0.0	43.6	43.6
3429	800.0	-560.0	4.0	0.0	44.2	44.2
3430	820.0	-560.0	4.0	0.0	44.8	44.8
3431	840.0	-560.0	4.0	0.0	45.4	45.4
3432	860.0	-560.0	4.0	0.0	45.7	45.7
3433	880.0	-560.0	4.0	0.0	46.0	45.9
3434	900.0	-560.0	4.0	0.0	45.7	45.7
3435	920.0	-560.0	4.0	0.0	45.9	46.4
3436	940.0	-560.0	4.0	0.0	43.5	43.9
3437	960.0	-560.0	4.0	0.0	38.1	38.5
3438	980.0	-560.0	4.0	0.0	39.1	38.8
3439	1000.0	-560.0	4.0	0.0	45.7	38.3
3440	1020.0	-560.0	4.0	0.0	53.7	45.6
3441	1040.0	-560.0	4.0	0.0	56.7	49.6
3442	1060.0	-560.0	4.0	0.0	58.2	49.0
3443	1080.0	-560.0	4.0	0.0	56.5	47.2
3444	1100.0	-560.0	4.0	0.0	54.2	46.2
3445	1120.0	-560.0	4.0	0.0	52.5	46.0
3446	1140.0	-560.0	4.0	0.0	51.2	45.8
3447	1160.0	-560.0	4.0	0.0	50.0	45.5
3448	1180.0	-560.0	4.0	0.0	48.9	45.0
3449	1200.0	-560.0	4.0	0.0	48.0	44.6
3450	1220.0	-560.0	4.0	0.0	47.2	44.0
3451	1240.0	-560.0	4.0	0.0	46.3	43.4
3452	1260.0	-560.0	4.0	0.0	35.8	33.2
3453	1280.0	-560.0	4.0	0.0	35.4	33.1
3454	1300.0	-560.0	4.0	0.0	34.6	32.2
3455	1320.0	-560.0	4.0	0.0	33.9	31.6
3456	1340.0	-560.0	4.0	0.0	33.4	31.2
3457	1360.0	-560.0	4.0	0.0	33.1	31.0
3458	1380.0	-560.0	4.0	0.0	32.2	30.0
3459	1400.0	-560.0	4.0	0.0	31.9	29.8
3460	1420.0	-560.0	4.0	0.0	31.2	28.9
3461	1440.0	-560.0	4.0	0.0	30.8	28.6
3462	1460.0	-560.0	4.0	0.0	30.4	28.3
3463	1480.0	-560.0	4.0	0.0	30.1	28.1
3464	1500.0	-560.0	4.0	0.0	29.8	27.9
3465	1520.0	-560.0	4.0	0.0	29.5	27.6
3466	1540.0	-560.0	4.0	0.0	29.4	27.7
3467	1560.0	-560.0	4.0	0.0	29.3	27.7
3468	1580.0	-560.0	4.0	0.0	29.3	27.9
3469	1600.0	-560.0	4.0	0.0	29.5	28.2
3470	1620.0	-560.0	4.0	0.0	29.5	28.3
3471	1640.0	-560.0	4.0	0.0	29.6	28.6
3472	1660.0	-560.0	4.0	0.0	29.3	28.4
3473	1680.0	-560.0	4.0	0.0	29.2	28.2
3474	1700.0	-560.0	4.0	0.0	28.9	27.9
3475	1720.0	-560.0	4.0	0.0	28.6	27.7
3476	1740.0	-560.0	4.0	0.0	28.3	27.4
3477	1760.0	-560.0	4.0	0.0	28.0	27.0
3478	1780.0	-560.0	4.0	0.0	27.7	26.7
3479	1800.0	-560.0	4.0	0.0	27.4	26.4

3480	1820.0	-560.0	4.0	0.0	27.1	26.2
3481	1840.0	-560.0	4.0	0.0	26.9	25.9
3482	1860.0	-560.0	4.0	0.0	26.6	25.7
3483	1880.0	-560.0	4.0	0.0	26.4	25.5
3484	1900.0	-560.0	4.0	0.0	26.2	25.2
3485	1920.0	-560.0	4.0	0.0	25.9	25.0
3486	1940.0	-560.0	4.0	0.0	25.7	24.8
3487	1960.0	-560.0	4.0	0.0	25.5	24.6
3488	1980.0	-560.0	4.0	0.0	25.3	24.4
3489	2000.0	-560.0	4.0	0.0	25.1	24.1
3490	2020.0	-560.0	4.0	0.0	24.8	23.9
3491	2040.0	-560.0	4.0	0.0	24.5	23.6
3492	2060.0	-560.0	4.0	0.0	24.3	23.4
3493	2080.0	-560.0	4.0	0.0	24.1	23.2
3494	2100.0	-560.0	4.0	0.0	23.9	23.0
3495	2120.0	-560.0	4.0	0.0	23.8	22.8
3496	2140.0	-560.0	4.0	0.0	23.6	22.6
3497	2160.0	-560.0	4.0	0.0	23.4	22.4
3498	2180.0	-560.0	4.0	0.0	23.2	22.3
3499	2200.0	-560.0	4.0	0.0	23.0	22.1
3500	2220.0	-560.0	4.0	0.0	22.8	21.9
3501	2240.0	-560.0	4.0	0.0	22.6	21.7
3502	2260.0	-560.0	4.0	0.0	22.5	21.5
3503	2280.0	-560.0	4.0	0.0	22.3	21.4
3504	2300.0	-560.0	4.0	0.0	22.1	21.2
3505	2320.0	-560.0	4.0	0.0	22.0	21.0
3506	2340.0	-560.0	4.0	0.0	21.8	20.9
3507	2360.0	-560.0	4.0	0.0	21.6	20.7
3508	2380.0	-560.0	4.0	0.0	21.5	20.5
3509	2400.0	-560.0	4.0	0.0	21.3	20.4
3510	0.0	-580.0	4.0	0.0	34.5	34.4
3511	20.0	-580.0	4.0	0.0	34.7	34.7
3512	40.0	-580.0	4.0	0.0	34.9	34.9
3513	60.0	-580.0	4.0	0.0	35.1	35.1
3514	80.0	-580.0	4.0	0.0	35.3	35.3
3515	100.0	-580.0	4.0	0.0	35.5	35.5
3516	120.0	-580.0	4.0	0.0	35.8	35.7
3517	140.0	-580.0	4.0	0.0	36.0	36.0
3518	160.0	-580.0	4.0	0.0	36.2	36.2
3519	180.0	-580.0	4.0	0.0	36.5	36.4
3520	200.0	-580.0	4.0	0.0	36.7	36.7
3521	220.0	-580.0	4.0	0.0	37.0	36.9
3522	240.0	-580.0	4.0	0.0	37.2	37.2
3523	260.0	-580.0	4.0	0.0	37.5	37.5
3524	280.0	-580.0	4.0	0.0	37.7	37.7
3525	300.0	-580.0	4.0	0.0	38.0	38.0
3526	320.0	-580.0	4.0	0.0	38.3	38.3
3527	340.0	-580.0	4.0	0.0	38.6	38.6
3528	360.0	-580.0	4.0	0.0	38.8	38.8
3529	380.0	-580.0	4.0	0.0	39.1	39.1
3530	400.0	-580.0	4.0	0.0	39.5	39.4
3531	420.0	-580.0	4.0	0.0	39.8	39.8
3532	440.0	-580.0	4.0	0.0	40.1	40.1
3533	460.0	-580.0	4.0	0.0	39.8	39.8
3534	480.0	-580.0	4.0	0.0	40.1	40.0
3535	500.0	-580.0	4.0	0.0	39.5	39.5
3536	520.0	-580.0	4.0	0.0	39.8	39.8
3537	540.0	-580.0	4.0	0.0	40.2	40.2
3538	560.0	-580.0	4.0	0.0	40.6	40.6
3539	580.0	-580.0	4.0	0.0	39.9	39.9
3540	600.0	-580.0	4.0	0.0	40.3	40.2
3541	620.0	-580.0	4.0	0.0	39.2	39.2
3542	640.0	-580.0	4.0	0.0	39.7	39.7
3543	660.0	-580.0	4.0	0.0	40.2	40.1
3544	680.0	-580.0	4.0	0.0	40.9	40.9
3545	700.0	-580.0	4.0	0.0	41.1	41.0
3546	720.0	-580.0	4.0	0.0	41.6	41.6
3547	740.0	-580.0	4.0	0.0	42.1	42.1
3548	760.0	-580.0	4.0	0.0	42.7	42.7
3549	780.0	-580.0	4.0	0.0	43.3	43.3
3550	800.0	-580.0	4.0	0.0	43.9	43.9
3551	820.0	-580.0	4.0	0.0	44.4	44.4
3552	840.0	-580.0	4.0	0.0	45.0	45.0
3553	860.0	-580.0	4.0	0.0	45.3	45.3
3554	880.0	-580.0	4.0	0.0	45.6	45.5
3555	900.0	-580.0	4.0	0.0	45.3	45.3
3556	920.0	-580.0	4.0	0.0	45.0	45.0
3557	940.0	-580.0	4.0	0.0	43.7	43.5
3558	960.0	-580.0	4.0	0.0	45.1	43.6
3559	980.0	-580.0	4.0	0.0	48.8	44.7
3560	1000.0	-580.0	4.0	0.0	50.8	46.1
3561	1020.0	-580.0	4.0	0.0	51.9	45.4
3562	1040.0	-580.0	4.0	0.0	52.8	45.8
3563	1060.0	-580.0	4.0	0.0	53.5	46.8
3564	1080.0	-580.0	4.0	0.0	53.0	46.3

3565	1100.0	-580.0	4.0	0.0	52.5	45.7
3566	1120.0	-580.0	4.0	0.0	51.3	45.5
3567	1140.0	-580.0	4.0	0.0	50.3	45.4
3568	1160.0	-580.0	4.0	0.0	49.4	45.1
3569	1180.0	-580.0	4.0	0.0	48.5	44.6
3570	1200.0	-580.0	4.0	0.0	47.6	44.2
3571	1220.0	-580.0	4.0	0.0	46.8	43.6
3572	1240.0	-580.0	4.0	0.0	46.1	43.2
3573	1260.0	-580.0	4.0	0.0	35.8	32.9
3574	1280.0	-580.0	4.0	0.0	35.1	32.7
3575	1300.0	-580.0	4.0	0.0	34.3	31.9
3576	1320.0	-580.0	4.0	0.0	33.8	31.4
3577	1340.0	-580.0	4.0	0.0	33.3	31.2
3578	1360.0	-580.0	4.0	0.0	32.9	30.8
3579	1380.0	-580.0	4.0	0.0	32.1	29.8
3580	1400.0	-580.0	4.0	0.0	31.7	29.6
3581	1420.0	-580.0	4.0	0.0	31.0	28.6
3582	1440.0	-580.0	4.0	0.0	30.5	28.3
3583	1460.0	-580.0	4.0	0.0	30.1	27.9
3584	1480.0	-580.0	4.0	0.0	29.8	27.6
3585	1500.0	-580.0	4.0	0.0	29.5	27.4
3586	1520.0	-580.0	4.0	0.0	29.2	27.2
3587	1540.0	-580.0	4.0	0.0	28.9	27.0
3588	1560.0	-580.0	4.0	0.0	28.7	26.8
3589	1580.0	-580.0	4.0	0.0	28.8	27.1
3590	1600.0	-580.0	4.0	0.0	29.2	27.8
3591	1620.0	-580.0	4.0	0.0	29.2	28.0
3592	1640.0	-580.0	4.0	0.0	29.4	28.3
3593	1660.0	-580.0	4.0	0.0	29.1	28.1
3594	1680.0	-580.0	4.0	0.0	28.8	27.8
3595	1700.0	-580.0	4.0	0.0	28.6	27.6
3596	1720.0	-580.0	4.0	0.0	28.4	27.4
3597	1740.0	-580.0	4.0	0.0	28.1	27.1
3598	1760.0	-580.0	4.0	0.0	27.9	27.0
3599	1780.0	-580.0	4.0	0.0	27.6	26.7
3600	1800.0	-580.0	4.0	0.0	27.3	26.4
3601	1820.0	-580.0	4.0	0.0	27.1	26.1
3602	1840.0	-580.0	4.0	0.0	26.8	25.9
3603	1860.0	-580.0	4.0	0.0	26.6	25.7
3604	1880.0	-580.0	4.0	0.0	26.4	25.4
3605	1900.0	-580.0	4.0	0.0	26.1	25.2
3606	1920.0	-580.0	4.0	0.0	25.9	25.0
3607	1940.0	-580.0	4.0	0.0	25.7	24.8
3608	1960.0	-580.0	4.0	0.0	25.5	24.5
3609	1980.0	-580.0	4.0	0.0	25.3	24.3
3610	2000.0	-580.0	4.0	0.0	25.0	24.1
3611	2020.0	-580.0	4.0	0.0	24.8	23.8
3612	2040.0	-580.0	4.0	0.0	24.5	23.6
3613	2060.0	-580.0	4.0	0.0	24.3	23.4
3614	2080.0	-580.0	4.0	0.0	24.1	23.2
3615	2100.0	-580.0	4.0	0.0	23.9	23.0
3616	2120.0	-580.0	4.0	0.0	23.7	22.8
3617	2140.0	-580.0	4.0	0.0	23.5	22.6
3618	2160.0	-580.0	4.0	0.0	23.4	22.4
3619	2180.0	-580.0	4.0	0.0	23.2	22.2
3620	2200.0	-580.0	4.0	0.0	23.0	22.0
3621	2220.0	-580.0	4.0	0.0	22.8	21.9
3622	2240.0	-580.0	4.0	0.0	22.6	21.7
3623	2260.0	-580.0	4.0	0.0	22.5	21.5
3624	2280.0	-580.0	4.0	0.0	22.3	21.3
3625	2300.0	-580.0	4.0	0.0	22.1	21.2
3626	2320.0	-580.0	4.0	0.0	21.9	21.0
3627	2340.0	-580.0	4.0	0.0	21.8	20.8
3628	2360.0	-580.0	4.0	0.0	21.6	20.7
3629	2380.0	-580.0	4.0	0.0	21.4	20.5
3630	2400.0	-580.0	4.0	0.0	21.3	20.4
3631	0.0	-600.0	4.0	0.0	34.4	34.4
3632	20.0	-600.0	4.0	0.0	34.6	34.6
3633	40.0	-600.0	4.0	0.0	34.8	34.8
3634	60.0	-600.0	4.0	0.0	35.1	35.0
3635	80.0	-600.0	4.0	0.0	35.3	35.2
3636	100.0	-600.0	4.0	0.0	35.5	35.5
3637	120.0	-600.0	4.0	0.0	35.7	35.7
3638	140.0	-600.0	4.0	0.0	35.9	35.9
3639	160.0	-600.0	4.0	0.0	36.2	36.2
3640	180.0	-600.0	4.0	0.0	36.4	36.4
3641	200.0	-600.0	4.0	0.0	36.7	36.6
3642	220.0	-600.0	4.0	0.0	36.9	36.9
3643	240.0	-600.0	4.0	0.0	37.2	37.1
3644	260.0	-600.0	4.0	0.0	37.4	37.4
3645	280.0	-600.0	4.0	0.0	37.7	37.7
3646	300.0	-600.0	4.0	0.0	38.0	37.9
3647	320.0	-600.0	4.0	0.0	38.2	38.2
3648	340.0	-600.0	4.0	0.0	38.5	38.5
3649	360.0	-600.0	4.0	0.0	38.8	38.8

3650	380.0	-600.0	4.0	0.0	39.1	39.1
3651	400.0	-600.0	4.0	0.0	39.4	39.4
3652	420.0	-600.0	4.0	0.0	39.7	39.7
3653	440.0	-600.0	4.0	0.0	40.0	40.0
3654	460.0	-600.0	4.0	0.0	39.7	39.7
3655	480.0	-600.0	4.0	0.0	40.0	39.9
3656	500.0	-600.0	4.0	0.0	39.4	39.4
3657	520.0	-600.0	4.0	0.0	39.7	39.7
3658	540.0	-600.0	4.0	0.0	40.1	40.1
3659	560.0	-600.0	4.0	0.0	40.4	40.4
3660	580.0	-600.0	4.0	0.0	39.8	39.8
3661	600.0	-600.0	4.0	0.0	40.1	40.1
3662	620.0	-600.0	4.0	0.0	39.1	39.0
3663	640.0	-600.0	4.0	0.0	39.5	39.5
3664	660.0	-600.0	4.0	0.0	40.0	39.9
3665	680.0	-600.0	4.0	0.0	40.7	40.7
3666	700.0	-600.0	4.0	0.0	40.8	40.8
3667	720.0	-600.0	4.0	0.0	41.3	41.3
3668	740.0	-600.0	4.0	0.0	41.8	41.8
3669	760.0	-600.0	4.0	0.0	42.4	42.4
3670	780.0	-600.0	4.0	0.0	42.9	42.9
3671	800.0	-600.0	4.0	0.0	43.5	43.5
3672	820.0	-600.0	4.0	0.0	44.0	44.0
3673	840.0	-600.0	4.0	0.0	44.5	44.5
3674	860.0	-600.0	4.0	0.0	44.9	44.8
3675	880.0	-600.0	4.0	0.0	45.2	45.1
3676	900.0	-600.0	4.0	0.0	45.1	44.9
3677	920.0	-600.0	4.0	0.0	45.1	44.4
3678	940.0	-600.0	4.0	0.0	46.0	43.2
3679	960.0	-600.0	4.0	0.0	47.0	43.5
3680	980.0	-600.0	4.0	0.0	48.4	44.0
3681	1000.0	-600.0	4.0	0.0	49.9	45.9
3682	1020.0	-600.0	4.0	0.0	43.9	41.3
3683	1040.0	-600.0	4.0	0.0	40.4	34.6
3684	1060.0	-600.0	4.0	0.0	51.0	45.7
3685	1080.0	-600.0	4.0	0.0	50.8	45.6
3686	1100.0	-600.0	4.0	0.0	50.1	45.3
3687	1120.0	-600.0	4.0	0.0	49.4	45.2
3688	1140.0	-600.0	4.0	0.0	49.4	45.0
3689	1160.0	-600.0	4.0	0.0	48.6	44.7
3690	1180.0	-600.0	4.0	0.0	47.9	44.3
3691	1200.0	-600.0	4.0	0.0	47.0	43.8
3692	1220.0	-600.0	4.0	0.0	46.4	43.3
3693	1240.0	-600.0	4.0	0.0	45.7	42.8
3694	1260.0	-600.0	4.0	0.0	44.4	41.6
3695	1280.0	-600.0	4.0	0.0	34.8	32.3
3696	1300.0	-600.0	4.0	0.0	34.0	31.4
3697	1320.0	-600.0	4.0	0.0	33.5	31.1
3698	1340.0	-600.0	4.0	0.0	33.1	30.8
3699	1360.0	-600.0	4.0	0.0	32.8	30.7
3700	1380.0	-600.0	4.0	0.0	32.0	29.7
3701	1400.0	-600.0	4.0	0.0	31.6	29.4
3702	1420.0	-600.0	4.0	0.0	30.8	28.4
3703	1440.0	-600.0	4.0	0.0	30.4	28.0
3704	1460.0	-600.0	4.0	0.0	30.0	27.7
3705	1480.0	-600.0	4.0	0.0	29.6	27.4
3706	1500.0	-600.0	4.0	0.0	29.3	27.1
3707	1520.0	-600.0	4.0	0.0	29.0	26.8
3708	1540.0	-600.0	4.0	0.0	28.7	26.6
3709	1560.0	-600.0	4.0	0.0	28.4	26.4
3710	1580.0	-600.0	4.0	0.0	28.5	26.8
3711	1600.0	-600.0	4.0	0.0	28.8	27.3
3712	1620.0	-600.0	4.0	0.0	28.8	27.5
3713	1640.0	-600.0	4.0	0.0	28.9	27.8
3714	1660.0	-600.0	4.0	0.0	28.7	27.5
3715	1680.0	-600.0	4.0	0.0	28.6	27.5
3716	1700.0	-600.0	4.0	0.0	28.4	27.4
3717	1720.0	-600.0	4.0	0.0	28.3	27.3
3718	1740.0	-600.0	4.0	0.0	28.0	27.0
3719	1760.0	-600.0	4.0	0.0	27.9	26.9
3720	1780.0	-600.0	4.0	0.0	27.6	26.6
3721	1800.0	-600.0	4.0	0.0	27.3	26.3
3722	1820.0	-600.0	4.0	0.0	27.0	26.1
3723	1840.0	-600.0	4.0	0.0	26.8	25.9
3724	1860.0	-600.0	4.0	0.0	26.6	25.6
3725	1880.0	-600.0	4.0	0.0	26.3	25.4
3726	1900.0	-600.0	4.0	0.0	26.1	25.2
3727	1920.0	-600.0	4.0	0.0	25.9	24.9
3728	1940.0	-600.0	4.0	0.0	25.7	24.7
3729	1960.0	-600.0	4.0	0.0	25.4	24.5
3730	1980.0	-600.0	4.0	0.0	25.2	24.3
3731	2000.0	-600.0	4.0	0.0	25.0	24.1
3732	2020.0	-600.0	4.0	0.0	24.7	23.8
3733	2040.0	-600.0	4.0	0.0	24.5	23.5
3734	2060.0	-600.0	4.0	0.0	24.3	23.3

3735	2080.0	-600.0	4.0	0.0	24.1	23.1
3736	2100.0	-600.0	4.0	0.0	23.9	23.0
3737	2120.0	-600.0	4.0	0.0	23.7	22.8
3738	2140.0	-600.0	4.0	0.0	23.5	22.6
3739	2160.0	-600.0	4.0	0.0	23.3	22.4
3740	2180.0	-600.0	4.0	0.0	23.2	22.2
3741	2200.0	-600.0	4.0	0.0	23.0	22.0
3742	2220.0	-600.0	4.0	0.0	22.8	21.8
3743	2240.0	-600.0	4.0	0.0	22.6	21.7
3744	2260.0	-600.0	4.0	0.0	22.4	21.5
3745	2280.0	-600.0	4.0	0.0	22.3	21.3
3746	2300.0	-600.0	4.0	0.0	22.1	21.2
3747	2320.0	-600.0	4.0	0.0	21.9	21.0
3748	2340.0	-600.0	4.0	0.0	21.8	20.8
3749	2360.0	-600.0	4.0	0.0	21.6	20.7
3750	2380.0	-600.0	4.0	0.0	21.4	20.5
3751	2400.0	-600.0	4.0	0.0	21.3	20.3
3752	0.0	-620.0	4.0	0.0	34.4	34.4
3753	20.0	-620.0	4.0	0.0	34.6	34.6
3754	40.0	-620.0	4.0	0.0	34.8	34.8
3755	60.0	-620.0	4.0	0.0	35.0	35.0
3756	80.0	-620.0	4.0	0.0	35.2	35.2
3757	100.0	-620.0	4.0	0.0	35.4	35.4
3758	120.0	-620.0	4.0	0.0	35.7	35.6
3759	140.0	-620.0	4.0	0.0	35.9	35.9
3760	160.0	-620.0	4.0	0.0	36.1	36.1
3761	180.0	-620.0	4.0	0.0	36.4	36.3
3762	200.0	-620.0	4.0	0.0	36.6	36.6
3763	220.0	-620.0	4.0	0.0	36.9	36.8
3764	240.0	-620.0	4.0	0.0	37.1	37.1
3765	260.0	-620.0	4.0	0.0	37.4	37.3
3766	280.0	-620.0	4.0	0.0	37.6	37.6
3767	300.0	-620.0	4.0	0.0	37.9	37.9
3768	320.0	-620.0	4.0	0.0	38.2	38.1
3769	340.0	-620.0	4.0	0.0	38.4	38.4
3770	360.0	-620.0	4.0	0.0	38.7	38.7
3771	380.0	-620.0	4.0	0.0	39.0	39.0
3772	400.0	-620.0	4.0	0.0	39.3	39.3
3773	420.0	-620.0	4.0	0.0	39.6	39.6
3774	440.0	-620.0	4.0	0.0	39.9	39.9
3775	460.0	-620.0	4.0	0.0	39.7	39.6
3776	480.0	-620.0	4.0	0.0	39.8	39.8
3777	500.0	-620.0	4.0	0.0	39.3	39.2
3778	520.0	-620.0	4.0	0.0	39.6	39.6
3779	540.0	-620.0	4.0	0.0	39.9	39.9
3780	560.0	-620.0	4.0	0.0	40.3	40.3
3781	580.0	-620.0	4.0	0.0	39.6	39.6
3782	600.0	-620.0	4.0	0.0	39.9	39.9
3783	620.0	-620.0	4.0	0.0	38.9	38.9
3784	640.0	-620.0	4.0	0.0	39.3	39.3
3785	660.0	-620.0	4.0	0.0	39.7	39.7
3786	680.0	-620.0	4.0	0.0	40.4	40.4
3787	700.0	-620.0	4.0	0.0	40.6	40.5
3788	720.0	-620.0	4.0	0.0	41.0	41.0
3789	740.0	-620.0	4.0	0.0	41.5	41.5
3790	760.0	-620.0	4.0	0.0	42.0	42.0
3791	780.0	-620.0	4.0	0.0	42.6	42.5
3792	800.0	-620.0	4.0	0.0	43.1	43.0
3793	820.0	-620.0	4.0	0.0	43.6	43.5
3794	840.0	-620.0	4.0	0.0	44.1	44.0
3795	860.0	-620.0	4.0	0.0	44.5	44.3
3796	880.0	-620.0	4.0	0.0	44.9	44.5
3797	900.0	-620.0	4.0	0.0	45.7	44.3
3798	920.0	-620.0	4.0	0.0	45.8	43.7
3799	940.0	-620.0	4.0	0.0	45.9	43.2
3800	960.0	-620.0	4.0	0.0	47.0	43.4
3801	980.0	-620.0	4.0	0.0	47.8	43.9
3802	1000.0	-620.0	4.0	0.0	47.7	45.1
3803	1020.0	-620.0	4.0	0.0	38.5	34.4
3804	1040.0	-620.0	4.0	0.0	38.9	34.4
3805	1060.0	-620.0	4.0	0.0	39.7	35.0
3806	1080.0	-620.0	4.0	0.0	49.2	45.1
3807	1100.0	-620.0	4.0	0.0	48.8	44.9
3808	1120.0	-620.0	4.0	0.0	48.4	44.8
3809	1140.0	-620.0	4.0	0.0	47.8	44.6
3810	1160.0	-620.0	4.0	0.0	47.9	44.2
3811	1180.0	-620.0	4.0	0.0	47.3	43.8
3812	1200.0	-620.0	4.0	0.0	46.6	43.4
3813	1220.0	-620.0	4.0	0.0	45.9	42.9
3814	1240.0	-620.0	4.0	0.0	45.4	42.5
3815	1260.0	-620.0	4.0	0.0	44.8	42.1
3816	1280.0	-620.0	4.0	0.0	34.5	32.0
3817	1300.0	-620.0	4.0	0.0	33.6	31.0
3818	1320.0	-620.0	4.0	0.0	33.2	30.7
3819	1340.0	-620.0	4.0	0.0	32.7	30.3

3820	1360.0	-620.0	4.0	0.0	32.4	30.2
3821	1380.0	-620.0	4.0	0.0	31.7	29.4
3822	1400.0	-620.0	4.0	0.0	31.4	29.1
3823	1420.0	-620.0	4.0	0.0	30.6	28.2
3824	1440.0	-620.0	4.0	0.0	30.2	27.8
3825	1460.0	-620.0	4.0	0.0	29.8	27.4
3826	1480.0	-620.0	4.0	0.0	29.5	27.2
3827	1500.0	-620.0	4.0	0.0	29.1	26.9
3828	1520.0	-620.0	4.0	0.0	28.8	26.6
3829	1540.0	-620.0	4.0	0.0	28.5	26.3
3830	1560.0	-620.0	4.0	0.0	28.2	26.1
3831	1580.0	-620.0	4.0	0.0	28.3	26.5
3832	1600.0	-620.0	4.0	0.0	28.6	27.0
3833	1620.0	-620.0	4.0	0.0	28.6	27.2
3834	1640.0	-620.0	4.0	0.0	28.7	27.5
3835	1660.0	-620.0	4.0	0.0	28.5	27.3
3836	1680.0	-620.0	4.0	0.0	28.2	27.1
3837	1700.0	-620.0	4.0	0.0	28.2	27.1
3838	1720.0	-620.0	4.0	0.0	28.1	27.0
3839	1740.0	-620.0	4.0	0.0	27.8	26.8
3840	1760.0	-620.0	4.0	0.0	27.8	26.8
3841	1780.0	-620.0	4.0	0.0	27.5	26.5
3842	1800.0	-620.0	4.0	0.0	27.2	26.3
3843	1820.0	-620.0	4.0	0.0	27.0	26.0
3844	1840.0	-620.0	4.0	0.0	26.8	25.8
3845	1860.0	-620.0	4.0	0.0	26.5	25.6
3846	1880.0	-620.0	4.0	0.0	26.3	25.3
3847	1900.0	-620.0	4.0	0.0	26.1	25.1
3848	1920.0	-620.0	4.0	0.0	25.8	24.9
3849	1940.0	-620.0	4.0	0.0	25.6	24.7
3850	1960.0	-620.0	4.0	0.0	25.4	24.5
3851	1980.0	-620.0	4.0	0.0	25.2	24.3
3852	2000.0	-620.0	4.0	0.0	25.0	24.0
3853	2020.0	-620.0	4.0	0.0	24.7	23.8
3854	2040.0	-620.0	4.0	0.0	24.5	23.5
3855	2060.0	-620.0	4.0	0.0	24.3	23.3
3856	2080.0	-620.0	4.0	0.0	24.1	23.1
3857	2100.0	-620.0	4.0	0.0	23.9	22.9
3858	2120.0	-620.0	4.0	0.0	23.7	22.7
3859	2140.0	-620.0	4.0	0.0	23.5	22.5
3860	2160.0	-620.0	4.0	0.0	23.3	22.4
3861	2180.0	-620.0	4.0	0.0	23.1	22.2
3862	2200.0	-620.0	4.0	0.0	22.9	22.0
3863	2220.0	-620.0	4.0	0.0	22.8	21.8
3864	2240.0	-620.0	4.0	0.0	22.6	21.6
3865	2260.0	-620.0	4.0	0.0	22.4	21.5
3866	2280.0	-620.0	4.0	0.0	22.2	21.3
3867	2300.0	-620.0	4.0	0.0	22.1	21.1
3868	2320.0	-620.0	4.0	0.0	21.9	21.0
3869	2340.0	-620.0	4.0	0.0	21.7	20.8
3870	2360.0	-620.0	4.0	0.0	21.6	20.6
3871	2380.0	-620.0	4.0	0.0	21.4	20.5
3872	2400.0	-620.0	4.0	0.0	21.2	20.3
3873	0.0	-640.0	4.0	0.0	34.4	34.3
3874	20.0	-640.0	4.0	0.0	34.6	34.5
3875	40.0	-640.0	4.0	0.0	34.8	34.7
3876	60.0	-640.0	4.0	0.0	35.0	35.0
3877	80.0	-640.0	4.0	0.0	35.2	35.2
3878	100.0	-640.0	4.0	0.0	35.4	35.4
3879	120.0	-640.0	4.0	0.0	35.6	35.6
3880	140.0	-640.0	4.0	0.0	35.8	35.8
3881	160.0	-640.0	4.0	0.0	36.1	36.1
3882	180.0	-640.0	4.0	0.0	36.3	36.3
3883	200.0	-640.0	4.0	0.0	36.5	36.5
3884	220.0	-640.0	4.0	0.0	36.8	36.8
3885	240.0	-640.0	4.0	0.0	37.0	37.0
3886	260.0	-640.0	4.0	0.0	37.3	37.3
3887	280.0	-640.0	4.0	0.0	37.5	37.5
3888	300.0	-640.0	4.0	0.0	37.8	37.8
3889	320.0	-640.0	4.0	0.0	38.1	38.1
3890	340.0	-640.0	4.0	0.0	38.4	38.3
3891	360.0	-640.0	4.0	0.0	38.6	38.6
3892	380.0	-640.0	4.0	0.0	38.9	38.9
3893	400.0	-640.0	4.0	0.0	39.2	39.2
3894	420.0	-640.0	4.0	0.0	39.5	39.5
3895	440.0	-640.0	4.0	0.0	39.8	39.8
3896	460.0	-640.0	4.0	0.0	39.6	39.6
3897	480.0	-640.0	4.0	0.0	39.7	39.7
3898	500.0	-640.0	4.0	0.0	39.1	39.1
3899	520.0	-640.0	4.0	0.0	39.4	39.4
3900	540.0	-640.0	4.0	0.0	39.8	39.8
3901	560.0	-640.0	4.0	0.0	40.1	40.1
3902	580.0	-640.0	4.0	0.0	39.5	39.4
3903	600.0	-640.0	4.0	0.0	39.7	39.7
3904	620.0	-640.0	4.0	0.0	38.7	38.7



3905	640.0	-640.0	4.0	0.0	39.1	39.1
3906	660.0	-640.0	4.0	0.0	39.5	39.5
3907	680.0	-640.0	4.0	0.0	40.2	40.2
3908	700.0	-640.0	4.0	0.0	40.3	40.3
3909	720.0	-640.0	4.0	0.0	40.8	40.7
3910	740.0	-640.0	4.0	0.0	41.2	41.2
3911	760.0	-640.0	4.0	0.0	41.7	41.7
3912	780.0	-640.0	4.0	0.0	42.2	42.1
3913	800.0	-640.0	4.0	0.0	42.7	42.6
3914	820.0	-640.0	4.0	0.0	43.2	43.0
3915	840.0	-640.0	4.0	0.0	43.8	43.5
3916	860.0	-640.0	4.0	0.0	44.9	43.8
3917	880.0	-640.0	4.0	0.0	45.3	44.1
3918	900.0	-640.0	4.0	0.0	45.5	44.0
3919	920.0	-640.0	4.0	0.0	46.1	43.8
3920	940.0	-640.0	4.0	0.0	46.3	43.5
3921	960.0	-640.0	4.0	0.0	46.8	43.8
3922	980.0	-640.0	4.0	0.0	46.3	44.0
3923	1000.0	-640.0	4.0	0.0	46.7	44.9
3924	1020.0	-640.0	4.0	0.0	37.7	34.5
3925	1040.0	-640.0	4.0	0.0	37.9	34.4
3926	1060.0	-640.0	4.0	0.0	38.1	34.6
3927	1080.0	-640.0	4.0	0.0	45.9	39.7
3928	1100.0	-640.0	4.0	0.0	47.7	44.4
3929	1120.0	-640.0	4.0	0.0	47.4	44.3
3930	1140.0	-640.0	4.0	0.0	47.0	44.1
3931	1160.0	-640.0	4.0	0.0	46.4	43.7
3932	1180.0	-640.0	4.0	0.0	45.9	43.4
3933	1200.0	-640.0	4.0	0.0	46.1	43.0
3934	1220.0	-640.0	4.0	0.0	45.5	42.5
3935	1240.0	-640.0	4.0	0.0	45.0	42.1
3936	1260.0	-640.0	4.0	0.0	44.5	41.8
3937	1280.0	-640.0	4.0	0.0	42.2	39.5
3938	1300.0	-640.0	4.0	0.0	33.3	30.7
3939	1320.0	-640.0	4.0	0.0	32.9	30.3
3940	1340.0	-640.0	4.0	0.0	32.4	30.0
3941	1360.0	-640.0	4.0	0.0	32.2	29.9
3942	1380.0	-640.0	4.0	0.0	31.5	29.1
3943	1400.0	-640.0	4.0	0.0	31.1	28.8
3944	1420.0	-640.0	4.0	0.0	30.5	28.0
3945	1440.0	-640.0	4.0	0.0	30.1	27.7
3946	1460.0	-640.0	4.0	0.0	29.6	27.2
3947	1480.0	-640.0	4.0	0.0	29.3	27.0
3948	1500.0	-640.0	4.0	0.0	29.0	26.7
3949	1520.0	-640.0	4.0	0.0	28.6	26.4
3950	1540.0	-640.0	4.0	0.0	28.3	26.1
3951	1560.0	-640.0	4.0	0.0	28.1	26.0
3952	1580.0	-640.0	4.0	0.0	28.2	26.3
3953	1600.0	-640.0	4.0	0.0	28.4	26.8
3954	1620.0	-640.0	4.0	0.0	28.4	27.0
3955	1640.0	-640.0	4.0	0.0	28.6	27.3
3956	1660.0	-640.0	4.0	0.0	28.3	27.1
3957	1680.0	-640.0	4.0	0.0	28.0	26.8
3958	1700.0	-640.0	4.0	0.0	28.1	26.9
3959	1720.0	-640.0	4.0	0.0	27.9	26.9
3960	1740.0	-640.0	4.0	0.0	27.7	26.7
3961	1760.0	-640.0	4.0	0.0	27.7	26.8
3962	1780.0	-640.0	4.0	0.0	27.4	26.5
3963	1800.0	-640.0	4.0	0.0	27.2	26.2
3964	1820.0	-640.0	4.0	0.0	27.0	26.0
3965	1840.0	-640.0	4.0	0.0	26.7	25.8
3966	1860.0	-640.0	4.0	0.0	26.5	25.5
3967	1880.0	-640.0	4.0	0.0	26.3	25.3
3968	1900.0	-640.0	4.0	0.0	26.0	25.1
3969	1920.0	-640.0	4.0	0.0	25.8	24.9
3970	1940.0	-640.0	4.0	0.0	25.6	24.6
3971	1960.0	-640.0	4.0	0.0	25.4	24.4
3972	1980.0	-640.0	4.0	0.0	25.2	24.2
3973	2000.0	-640.0	4.0	0.0	24.9	24.0
3974	2020.0	-640.0	4.0	0.0	24.7	23.7
3975	2040.0	-640.0	4.0	0.0	24.4	23.5
3976	2060.0	-640.0	4.0	0.0	24.2	23.3
3977	2080.0	-640.0	4.0	0.0	24.0	23.1
3978	2100.0	-640.0	4.0	0.0	23.8	22.9
3979	2120.0	-640.0	4.0	0.0	23.7	22.7
3980	2140.0	-640.0	4.0	0.0	23.5	22.5
3981	2160.0	-640.0	4.0	0.0	23.3	22.3
3982	2180.0	-640.0	4.0	0.0	23.1	22.1
3983	2200.0	-640.0	4.0	0.0	22.9	22.0
3984	2220.0	-640.0	4.0	0.0	22.7	21.8
3985	2240.0	-640.0	4.0	0.0	22.6	21.6
3986	2260.0	-640.0	4.0	0.0	22.4	21.4
3987	2280.0	-640.0	4.0	0.0	22.2	21.3
3988	2300.0	-640.0	4.0	0.0	22.0	21.1
3989	2320.0	-640.0	4.0	0.0	21.9	20.9

3990	2340.0	-640.0	4.0	0.0	21.7	20.8
3991	2360.0	-640.0	4.0	0.0	21.5	20.6
3992	2380.0	-640.0	4.0	0.0	21.4	20.5
3993	2400.0	-640.0	4.0	0.0	21.2	20.3
3994	0.0	-660.0	4.0	0.0	34.3	34.3
3995	20.0	-660.0	4.0	0.0	34.5	34.5
3996	40.0	-660.0	4.0	0.0	34.7	34.7
3997	60.0	-660.0	4.0	0.0	34.9	34.9
3998	80.0	-660.0	4.0	0.0	35.1	35.1
3999	100.0	-660.0	4.0	0.0	35.3	35.3
4000	120.0	-660.0	4.0	0.0	35.6	35.5
4001	140.0	-660.0	4.0	0.0	35.8	35.8
4002	160.0	-660.0	4.0	0.0	36.0	36.0
4003	180.0	-660.0	4.0	0.0	36.2	36.2
4004	200.0	-660.0	4.0	0.0	36.5	36.5
4005	220.0	-660.0	4.0	0.0	36.7	36.7
4006	240.0	-660.0	4.0	0.0	37.0	37.0
4007	260.0	-660.0	4.0	0.0	37.2	37.2
4008	280.0	-660.0	4.0	0.0	37.5	37.5
4009	300.0	-660.0	4.0	0.0	37.7	37.7
4010	320.0	-660.0	4.0	0.0	38.0	38.0
4011	340.0	-660.0	4.0	0.0	38.3	38.3
4012	360.0	-660.0	4.0	0.0	38.5	38.5
4013	380.0	-660.0	4.0	0.0	38.8	38.8
4014	400.0	-660.0	4.0	0.0	39.1	39.1
4015	420.0	-660.0	4.0	0.0	39.4	39.4
4016	440.0	-660.0	4.0	0.0	39.7	39.7
4017	460.0	-660.0	4.0	0.0	39.5	39.4
4018	480.0	-660.0	4.0	0.0	39.6	39.6
4019	500.0	-660.0	4.0	0.0	39.0	39.0
4020	520.0	-660.0	4.0	0.0	39.3	39.3
4021	540.0	-660.0	4.0	0.0	39.6	39.6
4022	560.0	-660.0	4.0	0.0	39.9	39.9
4023	580.0	-660.0	4.0	0.0	39.3	39.2
4024	600.0	-660.0	4.0	0.0	39.5	39.5
4025	620.0	-660.0	4.0	0.0	38.5	38.5
4026	640.0	-660.0	4.0	0.0	38.9	38.8
4027	660.0	-660.0	4.0	0.0	39.3	39.2
4028	680.0	-660.0	4.0	0.0	40.0	39.9
4029	700.0	-660.0	4.0	0.0	40.1	40.0
4030	720.0	-660.0	4.0	0.0	40.5	40.4
4031	740.0	-660.0	4.0	0.0	40.9	40.8
4032	760.0	-660.0	4.0	0.0	41.4	41.3
4033	780.0	-660.0	4.0	0.0	41.9	41.7
4034	800.0	-660.0	4.0	0.0	42.5	42.2
4035	820.0	-660.0	4.0	0.0	43.0	42.6
4036	840.0	-660.0	4.0	0.0	44.0	43.0
4037	860.0	-660.0	4.0	0.0	44.4	43.3
4038	880.0	-660.0	4.0	0.0	44.9	43.6
4039	900.0	-660.0	4.0	0.0	45.5	43.6
4040	920.0	-660.0	4.0	0.0	45.8	43.6
4041	940.0	-660.0	4.0	0.0	46.0	43.6
4042	960.0	-660.0	4.0	0.0	45.6	43.7
4043	980.0	-660.0	4.0	0.0	45.6	43.9
4044	1000.0	-660.0	4.0	0.0	46.0	44.6
4045	1020.0	-660.0	4.0	0.0	44.1	42.0
4046	1040.0	-660.0	4.0	0.0	37.0	34.2
4047	1060.0	-660.0	4.0	0.0	37.1	34.2
4048	1080.0	-660.0	4.0	0.0	37.2	34.4
4049	1100.0	-660.0	4.0	0.0	46.8	43.9
4050	1120.0	-660.0	4.0	0.0	46.5	43.8
4051	1140.0	-660.0	4.0	0.0	46.2	43.5
4052	1160.0	-660.0	4.0	0.0	45.8	43.2
4053	1180.0	-660.0	4.0	0.0	45.3	42.8
4054	1200.0	-660.0	4.0	0.0	44.9	42.5
4055	1220.0	-660.0	4.0	0.0	44.3	42.1
4056	1240.0	-660.0	4.0	0.0	44.6	41.7
4057	1260.0	-660.0	4.0	0.0	44.1	41.5
4058	1280.0	-660.0	4.0	0.0	43.9	41.5
4059	1300.0	-660.0	4.0	0.0	33.0	30.4
4060	1320.0	-660.0	4.0	0.0	32.6	30.0
4061	1340.0	-660.0	4.0	0.0	32.2	29.7
4062	1360.0	-660.0	4.0	0.0	31.9	29.7
4063	1380.0	-660.0	4.0	0.0	31.2	28.8
4064	1400.0	-660.0	4.0	0.0	30.9	28.7
4065	1420.0	-660.0	4.0	0.0	30.3	27.8
4066	1440.0	-660.0	4.0	0.0	29.9	27.4
4067	1460.0	-660.0	4.0	0.0	29.5	27.1
4068	1480.0	-660.0	4.0	0.0	29.2	26.8
4069	1500.0	-660.0	4.0	0.0	28.8	26.5
4070	1520.0	-660.0	4.0	0.0	28.5	26.2
4071	1540.0	-660.0	4.0	0.0	28.2	26.0
4072	1560.0	-660.0	4.0	0.0	27.9	25.8
4073	1580.0	-660.0	4.0	0.0	28.0	26.2
4074	1600.0	-660.0	4.0	0.0	28.3	26.7

4075	1620.0	-660.0	4.0	0.0	28.3	26.9
4076	1640.0	-660.0	4.0	0.0	28.4	27.1
4077	1660.0	-660.0	4.0	0.0	28.1	26.9
4078	1680.0	-660.0	4.0	0.0	27.9	26.6
4079	1700.0	-660.0	4.0	0.0	27.9	26.8
4080	1720.0	-660.0	4.0	0.0	27.8	26.7
4081	1740.0	-660.0	4.0	0.0	27.6	26.6
4082	1760.0	-660.0	4.0	0.0	27.7	26.7
4083	1780.0	-660.0	4.0	0.0	27.4	26.4
4084	1800.0	-660.0	4.0	0.0	27.1	26.2
4085	1820.0	-660.0	4.0	0.0	26.9	25.9
4086	1840.0	-660.0	4.0	0.0	26.7	25.7
4087	1860.0	-660.0	4.0	0.0	26.4	25.5
4088	1880.0	-660.0	4.0	0.0	26.2	25.2
4089	1900.0	-660.0	4.0	0.0	26.0	25.0
4090	1920.0	-660.0	4.0	0.0	25.8	24.8
4091	1940.0	-660.0	4.0	0.0	25.5	24.6
4092	1960.0	-660.0	4.0	0.0	25.3	24.4
4093	1980.0	-660.0	4.0	0.0	25.1	24.2
4094	2000.0	-660.0	4.0	0.0	24.9	23.9
4095	2020.0	-660.0	4.0	0.0	24.6	23.7
4096	2040.0	-660.0	4.0	0.0	24.4	23.4
4097	2060.0	-660.0	4.0	0.0	24.2	23.2
4098	2080.0	-660.0	4.0	0.0	24.0	23.0
4099	2100.0	-660.0	4.0	0.0	23.8	22.9
4100	2120.0	-660.0	4.0	0.0	23.6	22.7
4101	2140.0	-660.0	4.0	0.0	23.4	22.5
4102	2160.0	-660.0	4.0	0.0	23.3	22.3
4103	2180.0	-660.0	4.0	0.0	23.1	22.1
4104	2200.0	-660.0	4.0	0.0	22.9	21.9
4105	2220.0	-660.0	4.0	0.0	22.7	21.8
4106	2240.0	-660.0	4.0	0.0	22.5	21.6
4107	2260.0	-660.0	4.0	0.0	22.4	21.4
4108	2280.0	-660.0	4.0	0.0	22.2	21.2
4109	2300.0	-660.0	4.0	0.0	22.0	21.1
4110	2320.0	-660.0	4.0	0.0	21.9	20.9
4111	2340.0	-660.0	4.0	0.0	21.7	20.8
4112	2360.0	-660.0	4.0	0.0	21.5	20.6
4113	2380.0	-660.0	4.0	0.0	21.4	20.4
4114	2400.0	-660.0	4.0	0.0	21.2	20.3
4115	0.0	-680.0	4.0	0.0	34.3	34.2
4116	20.0	-680.0	4.0	0.0	34.5	34.4
4117	40.0	-680.0	4.0	0.0	34.7	34.6
4118	60.0	-680.0	4.0	0.0	34.9	34.9
4119	80.0	-680.0	4.0	0.0	35.1	35.1
4120	100.0	-680.0	4.0	0.0	35.3	35.3
4121	120.0	-680.0	4.0	0.0	35.5	35.5
4122	140.0	-680.0	4.0	0.0	35.7	35.7
4123	160.0	-680.0	4.0	0.0	36.0	35.9
4124	180.0	-680.0	4.0	0.0	36.2	36.2
4125	200.0	-680.0	4.0	0.0	36.4	36.4
4126	220.0	-680.0	4.0	0.0	36.7	36.6
4127	240.0	-680.0	4.0	0.0	36.9	36.9
4128	260.0	-680.0	4.0	0.0	37.1	37.1
4129	280.0	-680.0	4.0	0.0	37.4	37.4
4130	300.0	-680.0	4.0	0.0	37.6	37.6
4131	320.0	-680.0	4.0	0.0	37.9	37.9
4132	340.0	-680.0	4.0	0.0	38.2	38.2
4133	360.0	-680.0	4.0	0.0	38.4	38.4
4134	380.0	-680.0	4.0	0.0	38.7	38.7
4135	400.0	-680.0	4.0	0.0	39.0	39.0
4136	420.0	-680.0	4.0	0.0	39.3	39.2
4137	440.0	-680.0	4.0	0.0	39.6	39.5
4138	460.0	-680.0	4.0	0.0	39.3	39.3
4139	480.0	-680.0	4.0	0.0	39.5	39.5
4140	500.0	-680.0	4.0	0.0	38.8	38.8
4141	520.0	-680.0	4.0	0.0	39.1	39.1
4142	540.0	-680.0	4.0	0.0	39.4	39.4
4143	560.0	-680.0	4.0	0.0	39.8	39.7
4144	580.0	-680.0	4.0	0.0	39.1	39.0
4145	600.0	-680.0	4.0	0.0	39.3	39.3
4146	620.0	-680.0	4.0	0.0	38.3	38.2
4147	640.0	-680.0	4.0	0.0	38.7	38.6
4148	660.0	-680.0	4.0	0.0	39.1	39.0
4149	680.0	-680.0	4.0	0.0	39.7	39.6
4150	700.0	-680.0	4.0	0.0	39.8	39.7
4151	720.0	-680.0	4.0	0.0	40.3	40.1
4152	740.0	-680.0	4.0	0.0	40.7	40.5
4153	760.0	-680.0	4.0	0.0	41.2	40.9
4154	780.0	-680.0	4.0	0.0	41.7	41.3
4155	800.0	-680.0	4.0	0.0	42.7	41.7
4156	820.0	-680.0	4.0	0.0	43.1	42.1
4157	840.0	-680.0	4.0	0.0	43.7	42.5
4158	860.0	-680.0	4.0	0.0	44.1	42.8
4159	880.0	-680.0	4.0	0.0	44.8	43.1

4160	900.0	-680.0	4.0	0.0	45.1	43.2
4161	920.0	-680.0	4.0	0.0	45.4	43.4
4162	940.0	-680.0	4.0	0.0	45.0	43.4
4163	960.0	-680.0	4.0	0.0	45.0	43.5
4164	980.0	-680.0	4.0	0.0	45.0	43.7
4165	1000.0	-680.0	4.0	0.0	45.3	44.2
4166	1020.0	-680.0	4.0	0.0	43.4	41.8
4167	1040.0	-680.0	4.0	0.0	36.3	33.9
4168	1060.0	-680.0	4.0	0.0	36.3	33.7
4169	1080.0	-680.0	4.0	0.0	36.2	33.7
4170	1100.0	-680.0	4.0	0.0	37.5	33.7
4171	1120.0	-680.0	4.0	0.0	45.7	43.2
4172	1140.0	-680.0	4.0	0.0	45.4	42.9
4173	1160.0	-680.0	4.0	0.0	45.0	42.7
4174	1180.0	-680.0	4.0	0.0	44.6	42.4
4175	1200.0	-680.0	4.0	0.0	40.2	38.1
4176	1220.0	-680.0	4.0	0.0	34.7	33.0
4177	1240.0	-680.0	4.0	0.0	34.2	32.6
4178	1260.0	-680.0	4.0	0.0	42.9	41.0
4179	1280.0	-680.0	4.0	0.0	43.5	41.2
4180	1300.0	-680.0	4.0	0.0	41.4	38.7
4181	1320.0	-680.0	4.0	0.0	32.3	29.7
4182	1340.0	-680.0	4.0	0.0	31.9	29.5
4183	1360.0	-680.0	4.0	0.0	31.7	29.4
4184	1380.0	-680.0	4.0	0.0	31.0	28.6
4185	1400.0	-680.0	4.0	0.0	30.7	28.4
4186	1420.0	-680.0	4.0	0.0	30.1	27.6
4187	1440.0	-680.0	4.0	0.0	29.7	27.2
4188	1460.0	-680.0	4.0	0.0	29.3	26.9
4189	1480.0	-680.0	4.0	0.0	29.0	26.6
4190	1500.0	-680.0	4.0	0.0	28.7	26.4
4191	1520.0	-680.0	4.0	0.0	28.4	26.1
4192	1540.0	-680.0	4.0	0.0	28.1	25.8
4193	1560.0	-680.0	4.0	0.0	27.8	25.7
4194	1580.0	-680.0	4.0	0.0	27.9	26.0
4195	1600.0	-680.0	4.0	0.0	28.2	26.6
4196	1620.0	-680.0	4.0	0.0	28.2	26.7
4197	1640.0	-680.0	4.0	0.0	28.3	27.0
4198	1660.0	-680.0	4.0	0.0	28.0	26.7
4199	1680.0	-680.0	4.0	0.0	27.8	26.5
4200	1700.0	-680.0	4.0	0.0	27.8	26.7
4201	1720.0	-680.0	4.0	0.0	27.7	26.6
4202	1740.0	-680.0	4.0	0.0	27.6	26.5
4203	1760.0	-680.0	4.0	0.0	27.6	26.6
4204	1780.0	-680.0	4.0	0.0	27.3	26.3
4205	1800.0	-680.0	4.0	0.0	27.1	26.1
4206	1820.0	-680.0	4.0	0.0	26.8	25.9
4207	1840.0	-680.0	4.0	0.0	26.6	25.6
4208	1860.0	-680.0	4.0	0.0	26.4	25.4
4209	1880.0	-680.0	4.0	0.0	26.1	25.2
4210	1900.0	-680.0	4.0	0.0	25.9	25.0
4211	1920.0	-680.0	4.0	0.0	25.7	24.8
4212	1940.0	-680.0	4.0	0.0	25.5	24.5
4213	1960.0	-680.0	4.0	0.0	25.3	24.3
4214	1980.0	-680.0	4.0	0.0	25.1	24.1
4215	2000.0	-680.0	4.0	0.0	24.8	23.9
4216	2020.0	-680.0	4.0	0.0	24.6	23.6
4217	2040.0	-680.0	4.0	0.0	24.4	23.4
4218	2060.0	-680.0	4.0	0.0	24.2	23.2
4219	2080.0	-680.0	4.0	0.0	24.0	23.0
4220	2100.0	-680.0	4.0	0.0	23.8	22.8
4221	2120.0	-680.0	4.0	0.0	23.6	22.6
4222	2140.0	-680.0	4.0	0.0	23.4	22.4
4223	2160.0	-680.0	4.0	0.0	23.2	22.3
4224	2180.0	-680.0	4.0	0.0	23.0	22.1
4225	2200.0	-680.0	4.0	0.0	22.9	21.9
4226	2220.0	-680.0	4.0	0.0	22.7	21.7
4227	2240.0	-680.0	4.0	0.0	22.5	21.6
4228	2260.0	-680.0	4.0	0.0	22.3	21.4
4229	2280.0	-680.0	4.0	0.0	22.2	21.2
4230	2300.0	-680.0	4.0	0.0	22.0	21.1
4231	2320.0	-680.0	4.0	0.0	21.8	20.9
4232	2340.0	-680.0	4.0	0.0	21.7	20.7
4233	2360.0	-680.0	4.0	0.0	21.5	20.6
4234	2380.0	-680.0	4.0	0.0	21.3	20.4
4235	2400.0	-680.0	4.0	0.0	21.2	20.2
4236	0.0	-700.0	4.0	0.0	34.2	34.2
4237	20.0	-700.0	4.0	0.0	34.4	34.4
4238	40.0	-700.0	4.0	0.0	34.6	34.6
4239	60.0	-700.0	4.0	0.0	34.8	34.8
4240	80.0	-700.0	4.0	0.0	35.0	35.0
4241	100.0	-700.0	4.0	0.0	35.2	35.2
4242	120.0	-700.0	4.0	0.0	35.4	35.4
4243	140.0	-700.0	4.0	0.0	35.7	35.6
4244	160.0	-700.0	4.0	0.0	35.9	35.9

4245	180.0	-700.0	4.0	0.0	36.1	36.1
4246	200.0	-700.0	4.0	0.0	36.3	36.3
4247	220.0	-700.0	4.0	0.0	36.6	36.6
4248	240.0	-700.0	4.0	0.0	36.8	36.8
4249	260.0	-700.0	4.0	0.0	37.1	37.0
4250	280.0	-700.0	4.0	0.0	37.3	37.3
4251	300.0	-700.0	4.0	0.0	37.6	37.5
4252	320.0	-700.0	4.0	0.0	37.8	37.8
4253	340.0	-700.0	4.0	0.0	38.1	38.1
4254	360.0	-700.0	4.0	0.0	38.3	38.3
4255	380.0	-700.0	4.0	0.0	38.6	38.6
4256	400.0	-700.0	4.0	0.0	38.9	38.8
4257	420.0	-700.0	4.0	0.0	39.1	39.1
4258	440.0	-700.0	4.0	0.0	39.4	39.4
4259	460.0	-700.0	4.0	0.0	39.2	39.2
4260	480.0	-700.0	4.0	0.0	39.3	39.3
4261	500.0	-700.0	4.0	0.0	38.7	38.6
4262	520.0	-700.0	4.0	0.0	39.0	38.9
4263	540.0	-700.0	4.0	0.0	39.3	39.2
4264	560.0	-700.0	4.0	0.0	39.6	39.5
4265	580.0	-700.0	4.0	0.0	38.9	38.8
4266	600.0	-700.0	4.0	0.0	39.1	39.1
4267	620.0	-700.0	4.0	0.0	38.1	38.0
4268	640.0	-700.0	4.0	0.0	38.5	38.4
4269	660.0	-700.0	4.0	0.0	38.8	38.7
4270	680.0	-700.0	4.0	0.0	39.5	39.3
4271	700.0	-700.0	4.0	0.0	39.6	39.4
4272	720.0	-700.0	4.0	0.0	40.1	39.8
4273	740.0	-700.0	4.0	0.0	40.5	40.2
4274	760.0	-700.0	4.0	0.0	41.5	40.5
4275	780.0	-700.0	4.0	0.0	41.9	40.9
4276	800.0	-700.0	4.0	0.0	42.3	41.3
4277	820.0	-700.0	4.0	0.0	42.8	41.6
4278	840.0	-700.0	4.0	0.0	43.2	42.0
4279	860.0	-700.0	4.0	0.0	44.0	42.3
4280	880.0	-700.0	4.0	0.0	44.3	42.5
4281	900.0	-700.0	4.0	0.0	44.7	42.8
4282	920.0	-700.0	4.0	0.0	44.4	42.9
4283	940.0	-700.0	4.0	0.0	44.3	43.0
4284	960.0	-700.0	4.0	0.0	44.4	43.2
4285	980.0	-700.0	4.0	0.0	44.4	43.3
4286	1000.0	-700.0	4.0	0.0	44.7	43.7
4287	1020.0	-700.0	4.0	0.0	42.8	41.5
4288	1040.0	-700.0	4.0	0.0	41.4	39.6
4289	1060.0	-700.0	4.0	0.0	35.5	33.2
4290	1080.0	-700.0	4.0	0.0	35.4	33.1
4291	1100.0	-700.0	4.0	0.0	35.3	33.0
4292	1120.0	-700.0	4.0	0.0	44.9	42.5
4293	1140.0	-700.0	4.0	0.0	44.6	42.3
4294	1160.0	-700.0	4.0	0.0	44.4	42.1
4295	1180.0	-700.0	4.0	0.0	44.0	41.8
4296	1200.0	-700.0	4.0	0.0	34.4	32.6
4297	1220.0	-700.0	4.0	0.0	34.0	32.4
4298	1240.0	-700.0	4.0	0.0	33.7	32.1
4299	1260.0	-700.0	4.0	0.0	40.9	38.9
4300	1280.0	-700.0	4.0	0.0	42.1	40.5
4301	1300.0	-700.0	4.0	0.0	41.6	39.8
4302	1320.0	-700.0	4.0	0.0	32.0	29.5
4303	1340.0	-700.0	4.0	0.0	31.7	29.2
4304	1360.0	-700.0	4.0	0.0	31.5	29.2
4305	1380.0	-700.0	4.0	0.0	30.8	28.4
4306	1400.0	-700.0	4.0	0.0	30.5	28.2
4307	1420.0	-700.0	4.0	0.0	29.9	27.4
4308	1440.0	-700.0	4.0	0.0	29.5	27.0
4309	1460.0	-700.0	4.0	0.0	29.1	26.7
4310	1480.0	-700.0	4.0	0.0	28.8	26.5
4311	1500.0	-700.0	4.0	0.0	28.5	26.2
4312	1520.0	-700.0	4.0	0.0	28.2	25.9
4313	1540.0	-700.0	4.0	0.0	27.9	25.7
4314	1560.0	-700.0	4.0	0.0	27.7	25.6
4315	1580.0	-700.0	4.0	0.0	27.8	25.9
4316	1600.0	-700.0	4.0	0.0	28.0	26.5
4317	1620.0	-700.0	4.0	0.0	28.1	26.6
4318	1640.0	-700.0	4.0	0.0	28.2	26.9
4319	1660.0	-700.0	4.0	0.0	27.9	26.6
4320	1680.0	-700.0	4.0	0.0	27.7	26.4
4321	1700.0	-700.0	4.0	0.0	27.7	26.6
4322	1720.0	-700.0	4.0	0.0	27.6	26.6
4323	1740.0	-700.0	4.0	0.0	27.5	26.4
4324	1760.0	-700.0	4.0	0.0	27.5	26.5
4325	1780.0	-700.0	4.0	0.0	27.2	26.3
4326	1800.0	-700.0	4.0	0.0	27.0	26.0
4327	1820.0	-700.0	4.0	0.0	26.8	25.8
4328	1840.0	-700.0	4.0	0.0	26.5	25.6
4329	1860.0	-700.0	4.0	0.0	26.3	25.3

4330	1880.0	-700.0	4.0	0.0	26.1	25.1
4331	1900.0	-700.0	4.0	0.0	25.9	24.9
4332	1920.0	-700.0	4.0	0.0	25.7	24.7
4333	1940.0	-700.0	4.0	0.0	25.4	24.5
4334	1960.0	-700.0	4.0	0.0	25.2	24.3
4335	1980.0	-700.0	4.0	0.0	25.0	24.1
4336	2000.0	-700.0	4.0	0.0	24.8	23.8
4337	2020.0	-700.0	4.0	0.0	24.5	23.6
4338	2040.0	-700.0	4.0	0.0	24.3	23.3
4339	2060.0	-700.0	4.0	0.0	24.1	23.1
4340	2080.0	-700.0	4.0	0.0	23.9	23.0
4341	2100.0	-700.0	4.0	0.0	23.7	22.8
4342	2120.0	-700.0	4.0	0.0	23.5	22.6
4343	2140.0	-700.0	4.0	0.0	23.4	22.4
4344	2160.0	-700.0	4.0	0.0	23.2	22.2
4345	2180.0	-700.0	4.0	0.0	23.0	22.0
4346	2200.0	-700.0	4.0	0.0	22.8	21.9
4347	2220.0	-700.0	4.0	0.0	22.6	21.7
4348	2240.0	-700.0	4.0	0.0	22.5	21.5
4349	2260.0	-700.0	4.0	0.0	22.3	21.4
4350	2280.0	-700.0	4.0	0.0	22.1	21.2
4351	2300.0	-700.0	4.0	0.0	22.0	21.0
4352	2320.0	-700.0	4.0	0.0	21.8	20.9
4353	2340.0	-700.0	4.0	0.0	21.6	20.7
4354	2360.0	-700.0	4.0	0.0	21.5	20.5
4355	2380.0	-700.0	4.0	0.0	21.3	20.4
4356	2400.0	-700.0	4.0	0.0	21.2	20.2
4357	0.0	-720.0	4.0	0.0	34.2	34.1
4358	20.0	-720.0	4.0	0.0	34.4	34.3
4359	40.0	-720.0	4.0	0.0	34.6	34.5
4360	60.0	-720.0	4.0	0.0	34.8	34.7
4361	80.0	-720.0	4.0	0.0	35.0	34.9
4362	100.0	-720.0	4.0	0.0	35.2	35.1
4363	120.0	-720.0	4.0	0.0	35.4	35.4
4364	140.0	-720.0	4.0	0.0	35.6	35.6
4365	160.0	-720.0	4.0	0.0	35.8	35.8
4366	180.0	-720.0	4.0	0.0	36.0	36.0
4367	200.0	-720.0	4.0	0.0	36.3	36.2
4368	220.0	-720.0	4.0	0.0	36.5	36.5
4369	240.0	-720.0	4.0	0.0	36.7	36.7
4370	260.0	-720.0	4.0	0.0	37.0	36.9
4371	280.0	-720.0	4.0	0.0	37.2	37.2
4372	300.0	-720.0	4.0	0.0	37.5	37.4
4373	320.0	-720.0	4.0	0.0	37.7	37.7
4374	340.0	-720.0	4.0	0.0	38.0	37.9
4375	360.0	-720.0	4.0	0.0	38.2	38.2
4376	380.0	-720.0	4.0	0.0	38.5	38.4
4377	400.0	-720.0	4.0	0.0	38.7	38.7
4378	420.0	-720.0	4.0	0.0	39.0	39.0
4379	440.0	-720.0	4.0	0.0	39.3	39.3
4380	460.0	-720.0	4.0	0.0	39.1	39.1
4381	480.0	-720.0	4.0	0.0	39.2	39.2
4382	500.0	-720.0	4.0	0.0	38.5	38.5
4383	520.0	-720.0	4.0	0.0	38.8	38.8
4384	540.0	-720.0	4.0	0.0	39.1	39.0
4385	560.0	-720.0	4.0	0.0	39.4	39.3
4386	580.0	-720.0	4.0	0.0	38.7	38.6
4387	600.0	-720.0	4.0	0.0	38.9	38.8
4388	620.0	-720.0	4.0	0.0	37.9	37.8
4389	640.0	-720.0	4.0	0.0	38.3	38.1
4390	660.0	-720.0	4.0	0.0	38.7	38.4
4391	680.0	-720.0	4.0	0.0	39.3	39.1
4392	700.0	-720.0	4.0	0.0	39.5	39.1
4393	720.0	-720.0	4.0	0.0	40.4	39.4
4394	740.0	-720.0	4.0	0.0	40.8	39.8
4395	760.0	-720.0	4.0	0.0	41.2	40.2
4396	780.0	-720.0	4.0	0.0	41.6	40.5
4397	800.0	-720.0	4.0	0.0	42.1	40.9
4398	820.0	-720.0	4.0	0.0	42.4	41.2
4399	840.0	-720.0	4.0	0.0	43.2	41.5
4400	860.0	-720.0	4.0	0.0	43.5	41.8
4401	880.0	-720.0	4.0	0.0	43.8	42.1
4402	900.0	-720.0	4.0	0.0	43.6	42.3
4403	920.0	-720.0	4.0	0.0	43.6	42.4
4404	940.0	-720.0	4.0	0.0	43.7	42.5
4405	960.0	-720.0	4.0	0.0	43.7	42.7
4406	980.0	-720.0	4.0	0.0	43.8	42.9
4407	1000.0	-720.0	4.0	0.0	43.6	42.7
4408	1020.0	-720.0	4.0	0.0	42.2	41.0
4409	1040.0	-720.0	4.0	0.0	40.9	39.3
4410	1060.0	-720.0	4.0	0.0	38.9	36.6
4411	1080.0	-720.0	4.0	0.0	34.7	32.5
4412	1100.0	-720.0	4.0	0.0	34.5	32.3
4413	1120.0	-720.0	4.0	0.0	42.5	39.5
4414	1140.0	-720.0	4.0	0.0	43.9	41.7

4415	1160.0	-720.0	4.0	0.0	43.7	41.5
4416	1180.0	-720.0	4.0	0.0	43.4	41.3
4417	1200.0	-720.0	4.0	0.0	33.7	32.0
4418	1220.0	-720.0	4.0	0.0	33.4	31.7
4419	1240.0	-720.0	4.0	0.0	33.2	31.6
4420	1260.0	-720.0	4.0	0.0	32.9	31.4
4421	1280.0	-720.0	4.0	0.0	40.4	38.6
4422	1300.0	-720.0	4.0	0.0	40.7	39.0
4423	1320.0	-720.0	4.0	0.0	40.9	39.1
4424	1340.0	-720.0	4.0	0.0	30.7	29.0
4425	1360.0	-720.0	4.0	0.0	31.2	29.0
4426	1380.0	-720.0	4.0	0.0	30.6	28.2
4427	1400.0	-720.0	4.0	0.0	30.3	28.0
4428	1420.0	-720.0	4.0	0.0	29.6	27.1
4429	1440.0	-720.0	4.0	0.0	29.3	26.8
4430	1460.0	-720.0	4.0	0.0	29.0	26.6
4431	1480.0	-720.0	4.0	0.0	28.7	26.3
4432	1500.0	-720.0	4.0	0.0	28.4	26.1
4433	1520.0	-720.0	4.0	0.0	28.1	25.8
4434	1540.0	-720.0	4.0	0.0	27.8	25.6
4435	1560.0	-720.0	4.0	0.0	27.6	25.5
4436	1580.0	-720.0	4.0	0.0	27.7	25.8
4437	1600.0	-720.0	4.0	0.0	27.9	26.3
4438	1620.0	-720.0	4.0	0.0	27.9	26.5
4439	1640.0	-720.0	4.0	0.0	28.0	26.7
4440	1660.0	-720.0	4.0	0.0	27.8	26.5
4441	1680.0	-720.0	4.0	0.0	27.6	26.3
4442	1700.0	-720.0	4.0	0.0	27.6	26.5
4443	1720.0	-720.0	4.0	0.0	27.5	26.4
4444	1740.0	-720.0	4.0	0.0	27.4	26.3
4445	1760.0	-720.0	4.0	0.0	27.4	26.4
4446	1780.0	-720.0	4.0	0.0	27.2	26.2
4447	1800.0	-720.0	4.0	0.0	26.9	25.9
4448	1820.0	-720.0	4.0	0.0	26.7	25.7
4449	1840.0	-720.0	4.0	0.0	26.5	25.5
4450	1860.0	-720.0	4.0	0.0	26.2	25.3
4451	1880.0	-720.0	4.0	0.0	26.0	25.1
4452	1900.0	-720.0	4.0	0.0	25.8	24.8
4453	1920.0	-720.0	4.0	0.0	25.6	24.6
4454	1940.0	-720.0	4.0	0.0	25.4	24.4
4455	1960.0	-720.0	4.0	0.0	25.2	24.2
4456	1980.0	-720.0	4.0	0.0	25.0	24.0
4457	2000.0	-720.0	4.0	0.0	24.7	23.8
4458	2020.0	-720.0	4.0	0.0	24.5	23.5
4459	2040.0	-720.0	4.0	0.0	24.3	23.3
4460	2060.0	-720.0	4.0	0.0	24.1	23.1
4461	2080.0	-720.0	4.0	0.0	23.9	22.9
4462	2100.0	-720.0	4.0	0.0	23.7	22.7
4463	2120.0	-720.0	4.0	0.0	23.5	22.5
4464	2140.0	-720.0	4.0	0.0	23.3	22.4
4465	2160.0	-720.0	4.0	0.0	23.1	22.2
4466	2180.0	-720.0	4.0	0.0	23.0	22.0
4467	2200.0	-720.0	4.0	0.0	22.8	21.8
4468	2220.0	-720.0	4.0	0.0	22.6	21.7
4469	2240.0	-720.0	4.0	0.0	22.4	21.5
4470	2260.0	-720.0	4.0	0.0	22.3	21.3
4471	2280.0	-720.0	4.0	0.0	22.1	21.1
4472	2300.0	-720.0	4.0	0.0	21.9	21.0
4473	2320.0	-720.0	4.0	0.0	21.8	20.8
4474	2340.0	-720.0	4.0	0.0	21.6	20.7
4475	2360.0	-720.0	4.0	0.0	21.4	20.5
4476	2380.0	-720.0	4.0	0.0	21.3	20.3
4477	2400.0	-720.0	4.0	0.0	21.1	20.2
4478	0.0	-740.0	4.0	0.0	34.1	34.1
4479	20.0	-740.0	4.0	0.0	34.3	34.3
4480	40.0	-740.0	4.0	0.0	34.5	34.5
4481	60.0	-740.0	4.0	0.0	34.7	34.7
4482	80.0	-740.0	4.0	0.0	34.9	34.9
4483	100.0	-740.0	4.0	0.0	35.1	35.1
4484	120.0	-740.0	4.0	0.0	35.3	35.3
4485	140.0	-740.0	4.0	0.0	35.5	35.5
4486	160.0	-740.0	4.0	0.0	35.7	35.7
4487	180.0	-740.0	4.0	0.0	36.0	35.9
4488	200.0	-740.0	4.0	0.0	36.2	36.2
4489	220.0	-740.0	4.0	0.0	36.4	36.4
4490	240.0	-740.0	4.0	0.0	36.6	36.6
4491	260.0	-740.0	4.0	0.0	36.9	36.9
4492	280.0	-740.0	4.0	0.0	37.1	37.1
4493	300.0	-740.0	4.0	0.0	37.4	37.3
4494	320.0	-740.0	4.0	0.0	37.6	37.6
4495	340.0	-740.0	4.0	0.0	37.9	37.8
4496	360.0	-740.0	4.0	0.0	38.1	38.1
4497	380.0	-740.0	4.0	0.0	38.3	38.3
4498	400.0	-740.0	4.0	0.0	38.6	38.6
4499	420.0	-740.0	4.0	0.0	38.9	38.9

4500	440.0	-740.0	4.0	0.0	39.2	39.1
4501	460.0	-740.0	4.0	0.0	39.0	38.9
4502	480.0	-740.0	4.0	0.0	39.0	39.0
4503	500.0	-740.0	4.0	0.0	38.4	38.3
4504	520.0	-740.0	4.0	0.0	38.6	38.6
4505	540.0	-740.0	4.0	0.0	38.9	38.8
4506	560.0	-740.0	4.0	0.0	39.2	39.1
4507	580.0	-740.0	4.0	0.0	38.5	38.4
4508	600.0	-740.0	4.0	0.0	38.7	38.6
4509	620.0	-740.0	4.0	0.0	37.8	37.5
4510	640.0	-740.0	4.0	0.0	38.2	37.8
4511	660.0	-740.0	4.0	0.0	38.5	38.2
4512	680.0	-740.0	4.0	0.0	39.7	38.8
4513	700.0	-740.0	4.0	0.0	39.7	38.8
4514	720.0	-740.0	4.0	0.0	40.1	39.1
4515	740.0	-740.0	4.0	0.0	40.5	39.4
4516	760.0	-740.0	4.0	0.0	40.9	39.8
4517	780.0	-740.0	4.0	0.0	41.3	40.1
4518	800.0	-740.0	4.0	0.0	42.1	40.4
4519	820.0	-740.0	4.0	0.0	42.4	40.7
4520	840.0	-740.0	4.0	0.0	42.8	41.0
4521	860.0	-740.0	4.0	0.0	43.0	41.3
4522	880.0	-740.0	4.0	0.0	42.9	41.6
4523	900.0	-740.0	4.0	0.0	42.9	41.7
4524	920.0	-740.0	4.0	0.0	41.8	41.1
4525	940.0	-740.0	4.0	0.0	42.8	41.8
4526	960.0	-740.0	4.0	0.0	43.1	42.1
4527	980.0	-740.0	4.0	0.0	43.2	42.3
4528	1000.0	-740.0	4.0	0.0	42.6	41.7
4529	1020.0	-740.0	4.0	0.0	41.6	40.4
4530	1040.0	-740.0	4.0	0.0	40.4	39.0
4531	1060.0	-740.0	4.0	0.0	38.6	36.8
4532	1080.0	-740.0	4.0	0.0	34.0	31.9
4533	1100.0	-740.0	4.0	0.0	33.8	31.7
4534	1120.0	-740.0	4.0	0.0	40.4	36.8
4535	1140.0	-740.0	4.0	0.0	43.3	41.1
4536	1160.0	-740.0	4.0	0.0	43.1	41.0
4537	1180.0	-740.0	4.0	0.0	42.8	40.7
4538	1200.0	-740.0	4.0	0.0	42.5	40.6
4539	1220.0	-740.0	4.0	0.0	32.8	31.2
4540	1240.0	-740.0	4.0	0.0	32.6	31.0
4541	1260.0	-740.0	4.0	0.0	32.4	30.9
4542	1280.0	-740.0	4.0	0.0	37.7	36.1
4543	1300.0	-740.0	4.0	0.0	39.1	37.4
4544	1320.0	-740.0	4.0	0.0	39.9	38.3
4545	1340.0	-740.0	4.0	0.0	30.4	28.7
4546	1360.0	-740.0	4.0	0.0	30.3	28.7
4547	1380.0	-740.0	4.0	0.0	30.3	27.9
4548	1400.0	-740.0	4.0	0.0	30.0	27.7
4549	1420.0	-740.0	4.0	0.0	29.4	26.9
4550	1440.0	-740.0	4.0	0.0	29.1	26.6
4551	1460.0	-740.0	4.0	0.0	28.8	26.4
4552	1480.0	-740.0	4.0	0.0	28.5	26.1
4553	1500.0	-740.0	4.0	0.0	28.2	25.9
4554	1520.0	-740.0	4.0	0.0	27.9	25.6
4555	1540.0	-740.0	4.0	0.0	27.7	25.4
4556	1560.0	-740.0	4.0	0.0	27.5	25.4
4557	1580.0	-740.0	4.0	0.0	27.5	25.6
4558	1600.0	-740.0	4.0	0.0	27.8	26.2
4559	1620.0	-740.0	4.0	0.0	27.8	26.3
4560	1640.0	-740.0	4.0	0.0	27.9	26.6
4561	1660.0	-740.0	4.0	0.0	27.7	26.4
4562	1680.0	-740.0	4.0	0.0	27.5	26.2
4563	1700.0	-740.0	4.0	0.0	27.5	26.4
4564	1720.0	-740.0	4.0	0.0	27.4	26.3
4565	1740.0	-740.0	4.0	0.0	27.2	26.2
4566	1760.0	-740.0	4.0	0.0	27.3	26.3
4567	1780.0	-740.0	4.0	0.0	27.1	26.1
4568	1800.0	-740.0	4.0	0.0	26.8	25.9
4569	1820.0	-740.0	4.0	0.0	26.6	25.6
4570	1840.0	-740.0	4.0	0.0	26.4	25.4
4571	1860.0	-740.0	4.0	0.0	26.2	25.2
4572	1880.0	-740.0	4.0	0.0	26.0	25.0
4573	1900.0	-740.0	4.0	0.0	25.7	24.8
4574	1920.0	-740.0	4.0	0.0	25.5	24.6
4575	1940.0	-740.0	4.0	0.0	25.3	24.4
4576	1960.0	-740.0	4.0	0.0	25.1	24.2
4577	1980.0	-740.0	4.0	0.0	24.9	23.9
4578	2000.0	-740.0	4.0	0.0	24.6	23.7
4579	2020.0	-740.0	4.0	0.0	24.4	23.4
4580	2040.0	-740.0	4.0	0.0	24.2	23.2
4581	2060.0	-740.0	4.0	0.0	24.0	23.0
4582	2080.0	-740.0	4.0	0.0	23.8	22.9
4583	2100.0	-740.0	4.0	0.0	23.6	22.7
4584	2120.0	-740.0	4.0	0.0	23.5	22.5



4585	2140.0	-740.0	4.0	0.0	23.3	22.3
4586	2160.0	-740.0	4.0	0.0	23.1	22.1
4587	2180.0	-740.0	4.0	0.0	22.9	22.0
4588	2200.0	-740.0	4.0	0.0	22.7	21.8
4589	2220.0	-740.0	4.0	0.0	22.6	21.6
4590	2240.0	-740.0	4.0	0.0	22.4	21.4
4591	2260.0	-740.0	4.0	0.0	22.2	21.3
4592	2280.0	-740.0	4.0	0.0	22.1	21.1
4593	2300.0	-740.0	4.0	0.0	21.9	20.9
4594	2320.0	-740.0	4.0	0.0	21.7	20.8
4595	2340.0	-740.0	4.0	0.0	21.6	20.6
4596	2360.0	-740.0	4.0	0.0	21.4	20.5
4597	2380.0	-740.0	4.0	0.0	21.2	20.3
4598	2400.0	-740.0	4.0	0.0	21.1	20.2
4599	0.0	-760.0	4.0	0.0	34.0	34.0
4600	20.0	-760.0	4.0	0.0	34.2	34.2
4601	40.0	-760.0	4.0	0.0	34.4	34.4
4602	60.0	-760.0	4.0	0.0	34.6	34.6
4603	80.0	-760.0	4.0	0.0	34.8	34.8
4604	100.0	-760.0	4.0	0.0	35.0	35.0
4605	120.0	-760.0	4.0	0.0	35.2	35.2
4606	140.0	-760.0	4.0	0.0	35.4	35.4
4607	160.0	-760.0	4.0	0.0	35.7	35.6
4608	180.0	-760.0	4.0	0.0	35.9	35.9
4609	200.0	-760.0	4.0	0.0	36.1	36.1
4610	220.0	-760.0	4.0	0.0	36.3	36.3
4611	240.0	-760.0	4.0	0.0	36.5	36.5
4612	260.0	-760.0	4.0	0.0	36.8	36.8
4613	280.0	-760.0	4.0	0.0	37.0	37.0
4614	300.0	-760.0	4.0	0.0	37.3	37.2
4615	320.0	-760.0	4.0	0.0	37.5	37.5
4616	340.0	-760.0	4.0	0.0	37.7	37.7
4617	360.0	-760.0	4.0	0.0	38.0	37.9
4618	380.0	-760.0	4.0	0.0	38.2	38.2
4619	400.0	-760.0	4.0	0.0	38.5	38.4
4620	420.0	-760.0	4.0	0.0	38.7	38.7
4621	440.0	-760.0	4.0	0.0	39.0	39.0
4622	460.0	-760.0	4.0	0.0	38.8	38.8
4623	480.0	-760.0	4.0	0.0	38.9	38.9
4624	500.0	-760.0	4.0	0.0	38.2	38.1
4625	520.0	-760.0	4.0	0.0	38.5	38.4
4626	540.0	-760.0	4.0	0.0	38.7	38.6
4627	560.0	-760.0	4.0	0.0	39.0	38.9
4628	580.0	-760.0	4.0	0.0	38.4	38.2
4629	600.0	-760.0	4.0	0.0	38.6	38.4
4630	620.0	-760.0	4.0	0.0	37.6	37.3
4631	640.0	-760.0	4.0	0.0	38.5	37.6
4632	660.0	-760.0	4.0	0.0	38.8	37.9
4633	680.0	-760.0	4.0	0.0	39.4	38.5
4634	700.0	-760.0	4.0	0.0	39.5	38.5
4635	720.0	-760.0	4.0	0.0	39.9	38.8
4636	740.0	-760.0	4.0	0.0	40.2	39.1
4637	760.0	-760.0	4.0	0.0	40.6	39.4
4638	780.0	-760.0	4.0	0.0	41.4	39.7
4639	800.0	-760.0	4.0	0.0	41.7	40.0
4640	820.0	-760.0	4.0	0.0	42.0	40.3
4641	840.0	-760.0	4.0	0.0	42.3	40.6
4642	860.0	-760.0	4.0	0.0	42.1	40.8
4643	880.0	-760.0	4.0	0.0	42.2	41.0
4644	900.0	-760.0	4.0	0.0	42.3	41.2
4645	920.0	-760.0	4.0	0.0	32.8	31.3
4646	940.0	-760.0	4.0	0.0	33.0	31.5
4647	960.0	-760.0	4.0	0.0	42.4	41.5
4648	980.0	-760.0	4.0	0.0	42.6	41.8
4649	1000.0	-760.0	4.0	0.0	41.9	41.1
4650	1020.0	-760.0	4.0	0.0	41.0	39.9
4651	1040.0	-760.0	4.0	0.0	39.9	38.6
4652	1060.0	-760.0	4.0	0.0	38.3	36.6
4653	1080.0	-760.0	4.0	0.0	36.2	33.9
4654	1100.0	-760.0	4.0	0.0	34.0	31.2
4655	1120.0	-760.0	4.0	0.0	38.9	35.0
4656	1140.0	-760.0	4.0	0.0	41.7	39.0
4657	1160.0	-760.0	4.0	0.0	42.5	40.5
4658	1180.0	-760.0	4.0	0.0	42.3	40.2
4659	1200.0	-760.0	4.0	0.0	42.0	40.1
4660	1220.0	-760.0	4.0	0.0	32.9	31.5
4661	1240.0	-760.0	4.0	0.0	32.1	30.5
4662	1260.0	-760.0	4.0	0.0	32.0	30.5
4663	1280.0	-760.0	4.0	0.0	32.0	30.6
4664	1300.0	-760.0	4.0	0.0	36.9	35.0
4665	1320.0	-760.0	4.0	0.0	38.5	36.8
4666	1340.0	-760.0	4.0	0.0	39.2	37.8
4667	1360.0	-760.0	4.0	0.0	30.0	28.4
4668	1380.0	-760.0	4.0	0.0	29.3	27.6
4669	1400.0	-760.0	4.0	0.0	29.1	27.5

4670	1420.0	-760.0	4.0	0.0	29.2	26.7
4671	1440.0	-760.0	4.0	0.0	28.9	26.4
4672	1460.0	-760.0	4.0	0.0	28.6	26.2
4673	1480.0	-760.0	4.0	0.0	28.3	25.9
4674	1500.0	-760.0	4.0	0.0	28.0	25.7
4675	1520.0	-760.0	4.0	0.0	27.8	25.5
4676	1540.0	-760.0	4.0	0.0	27.5	25.3
4677	1560.0	-760.0	4.0	0.0	27.4	25.2
4678	1580.0	-760.0	4.0	0.0	27.4	25.5
4679	1600.0	-760.0	4.0	0.0	27.7	26.1
4680	1620.0	-760.0	4.0	0.0	27.7	26.2
4681	1640.0	-760.0	4.0	0.0	27.8	26.5
4682	1660.0	-760.0	4.0	0.0	27.6	26.3
4683	1680.0	-760.0	4.0	0.0	27.4	26.1
4684	1700.0	-760.0	4.0	0.0	27.4	26.3
4685	1720.0	-760.0	4.0	0.0	27.3	26.1
4686	1740.0	-760.0	4.0	0.0	27.2	26.1
4687	1760.0	-760.0	4.0	0.0	27.2	26.2
4688	1780.0	-760.0	4.0	0.0	27.0	26.0
4689	1800.0	-760.0	4.0	0.0	26.8	25.8
4690	1820.0	-760.0	4.0	0.0	26.5	25.6
4691	1840.0	-760.0	4.0	0.0	26.3	25.3
4692	1860.0	-760.0	4.0	0.0	26.1	25.1
4693	1880.0	-760.0	4.0	0.0	25.9	24.9
4694	1900.0	-760.0	4.0	0.0	25.7	24.7
4695	1920.0	-760.0	4.0	0.0	25.5	24.5
4696	1940.0	-760.0	4.0	0.0	25.3	24.3
4697	1960.0	-760.0	4.0	0.0	25.1	24.1
4698	1980.0	-760.0	4.0	0.0	24.8	23.8
4699	2000.0	-760.0	4.0	0.0	24.6	23.6
4700	2020.0	-760.0	4.0	0.0	24.3	23.4
4701	2040.0	-760.0	4.0	0.0	24.2	23.2
4702	2060.0	-760.0	4.0	0.0	24.0	23.0
4703	2080.0	-760.0	4.0	0.0	23.8	22.8
4704	2100.0	-760.0	4.0	0.0	23.6	22.6
4705	2120.0	-760.0	4.0	0.0	23.4	22.4
4706	2140.0	-760.0	4.0	0.0	23.2	22.3
4707	2160.0	-760.0	4.0	0.0	23.1	22.1
4708	2180.0	-760.0	4.0	0.0	22.9	21.9
4709	2200.0	-760.0	4.0	0.0	22.7	21.7
4710	2220.0	-760.0	4.0	0.0	22.5	21.6
4711	2240.0	-760.0	4.0	0.0	22.4	21.4
4712	2260.0	-760.0	4.0	0.0	22.2	21.2
4713	2280.0	-760.0	4.0	0.0	22.0	21.1
4714	2300.0	-760.0	4.0	0.0	21.9	20.9
4715	2320.0	-760.0	4.0	0.0	21.7	20.7
4716	2340.0	-760.0	4.0	0.0	21.5	20.6
4717	2360.0	-760.0	4.0	0.0	21.4	20.4
4718	2380.0	-760.0	4.0	0.0	21.2	20.3
4719	2400.0	-760.0	4.0	0.0	21.1	20.1
4720	0.0	-780.0	4.0	0.0	34.0	34.0
4721	20.0	-780.0	4.0	0.0	34.2	34.1
4722	40.0	-780.0	4.0	0.0	34.4	34.3
4723	60.0	-780.0	4.0	0.0	34.6	34.5
4724	80.0	-780.0	4.0	0.0	34.8	34.7
4725	100.0	-780.0	4.0	0.0	35.0	34.9
4726	120.0	-780.0	4.0	0.0	35.2	35.1
4727	140.0	-780.0	4.0	0.0	35.4	35.3
4728	160.0	-780.0	4.0	0.0	35.6	35.5
4729	180.0	-780.0	4.0	0.0	35.8	35.8
4730	200.0	-780.0	4.0	0.0	36.0	36.0
4731	220.0	-780.0	4.0	0.0	36.2	36.2
4732	240.0	-780.0	4.0	0.0	36.4	36.4
4733	260.0	-780.0	4.0	0.0	36.7	36.6
4734	280.0	-780.0	4.0	0.0	36.9	36.9
4735	300.0	-780.0	4.0	0.0	37.1	37.1
4736	320.0	-780.0	4.0	0.0	37.4	37.3
4737	340.0	-780.0	4.0	0.0	37.6	37.6
4738	360.0	-780.0	4.0	0.0	37.8	37.8
4739	380.0	-780.0	4.0	0.0	38.1	38.1
4740	400.0	-780.0	4.0	0.0	38.3	38.3
4741	420.0	-780.0	4.0	0.0	38.6	38.6
4742	440.0	-780.0	4.0	0.0	38.9	38.8
4743	460.0	-780.0	4.0	0.0	38.7	38.6
4744	480.0	-780.0	4.0	0.0	38.8	38.7
4745	500.0	-780.0	4.0	0.0	38.1	38.0
4746	520.0	-780.0	4.0	0.0	38.3	38.2
4747	540.0	-780.0	4.0	0.0	38.6	38.4
4748	560.0	-780.0	4.0	0.0	38.9	38.7
4749	580.0	-780.0	4.0	0.0	38.2	38.0
4750	600.0	-780.0	4.0	0.0	38.4	38.1
4751	620.0	-780.0	4.0	0.0	38.0	37.0
4752	640.0	-780.0	4.0	0.0	38.3	37.3
4753	660.0	-780.0	4.0	0.0	38.6	37.6
4754	680.0	-780.0	4.0	0.0	39.2	38.2

4755	700.0	-780.0	4.0	0.0	39.3	38.2
4756	720.0	-780.0	4.0	0.0	39.6	38.5
4757	740.0	-780.0	4.0	0.0	39.9	38.8
4758	760.0	-780.0	4.0	0.0	40.7	39.0
4759	780.0	-780.0	4.0	0.0	41.0	39.3
4760	800.0	-780.0	4.0	0.0	41.3	39.6
4761	820.0	-780.0	4.0	0.0	41.6	39.8
4762	840.0	-780.0	4.0	0.0	40.9	39.8
4763	860.0	-780.0	4.0	0.0	32.0	30.8
4764	880.0	-780.0	4.0	0.0	33.6	30.8
4765	900.0	-780.0	4.0	0.0	41.3	40.6
4766	920.0	-780.0	4.0	0.0	32.3	30.8
4767	940.0	-780.0	4.0	0.0	32.4	30.9
4768	960.0	-780.0	4.0	0.0	32.6	31.1
4769	980.0	-780.0	4.0	0.0	42.0	41.2
4770	1000.0	-780.0	4.0	0.0	41.3	40.5
4771	1020.0	-780.0	4.0	0.0	40.4	39.4
4772	1040.0	-780.0	4.0	0.0	39.4	38.3
4773	1060.0	-780.0	4.0	0.0	37.9	36.4
4774	1080.0	-780.0	4.0	0.0	36.1	34.2
4775	1100.0	-780.0	4.0	0.0	33.9	30.6
4776	1120.0	-780.0	4.0	0.0	37.0	31.4
4777	1140.0	-780.0	4.0	0.0	39.6	36.2
4778	1160.0	-780.0	4.0	0.0	41.9	39.9
4779	1180.0	-780.0	4.0	0.0	41.7	39.8
4780	1200.0	-780.0	4.0	0.0	41.5	39.6
4781	1220.0	-780.0	4.0	0.0	41.2	39.5
4782	1240.0	-780.0	4.0	0.0	31.6	30.0
4783	1260.0	-780.0	4.0	0.0	31.5	30.0
4784	1280.0	-780.0	4.0	0.0	31.5	30.1
4785	1300.0	-780.0	4.0	0.0	34.1	32.4
4786	1320.0	-780.0	4.0	0.0	36.5	34.7
4787	1340.0	-780.0	4.0	0.0	38.0	36.5
4788	1360.0	-780.0	4.0	0.0	29.6	28.1
4789	1380.0	-780.0	4.0	0.0	29.1	27.4
4790	1400.0	-780.0	4.0	0.0	28.9	27.3
4791	1420.0	-780.0	4.0	0.0	28.2	26.5
4792	1440.0	-780.0	4.0	0.0	27.9	26.3
4793	1460.0	-780.0	4.0	0.0	28.4	26.0
4794	1480.0	-780.0	4.0	0.0	28.1	25.8
4795	1500.0	-780.0	4.0	0.0	27.9	25.6
4796	1520.0	-780.0	4.0	0.0	27.6	25.3
4797	1540.0	-780.0	4.0	0.0	27.4	25.2
4798	1560.0	-780.0	4.0	0.0	27.2	25.1
4799	1580.0	-780.0	4.0	0.0	27.3	25.4
4800	1600.0	-780.0	4.0	0.0	27.6	26.0
4801	1620.0	-780.0	4.0	0.0	27.5	26.1
4802	1640.0	-780.0	4.0	0.0	27.7	26.4
4803	1660.0	-780.0	4.0	0.0	27.4	26.1
4804	1680.0	-780.0	4.0	0.0	27.3	26.0
4805	1700.0	-780.0	4.0	0.0	27.3	26.1
4806	1720.0	-780.0	4.0	0.0	27.1	26.0
4807	1740.0	-780.0	4.0	0.0	27.1	26.0
4808	1760.0	-780.0	4.0	0.0	27.1	26.1
4809	1780.0	-780.0	4.0	0.0	26.9	25.9
4810	1800.0	-780.0	4.0	0.0	26.7	25.7
4811	1820.0	-780.0	4.0	0.0	26.5	25.5
4812	1840.0	-780.0	4.0	0.0	26.2	25.3
4813	1860.0	-780.0	4.0	0.0	26.0	25.0
4814	1880.0	-780.0	4.0	0.0	25.8	24.8
4815	1900.0	-780.0	4.0	0.0	25.6	24.6
4816	1920.0	-780.0	4.0	0.0	25.4	24.4
4817	1940.0	-780.0	4.0	0.0	25.2	24.2
4818	1960.0	-780.0	4.0	0.0	25.0	24.0
4819	1980.0	-780.0	4.0	0.0	24.7	23.8
4820	2000.0	-780.0	4.0	0.0	24.5	23.5
4821	2020.0	-780.0	4.0	0.0	24.3	23.3
4822	2040.0	-780.0	4.0	0.0	24.1	23.1
4823	2060.0	-780.0	4.0	0.0	23.9	22.9
4824	2080.0	-780.0	4.0	0.0	23.7	22.7
4825	2100.0	-780.0	4.0	0.0	23.5	22.6
4826	2120.0	-780.0	4.0	0.0	23.4	22.4
4827	2140.0	-780.0	4.0	0.0	23.2	22.2
4828	2160.0	-780.0	4.0	0.0	23.0	22.0
4829	2180.0	-780.0	4.0	0.0	22.8	21.9
4830	2200.0	-780.0	4.0	0.0	22.7	21.7
4831	2220.0	-780.0	4.0	0.0	22.5	21.5
4832	2240.0	-780.0	4.0	0.0	22.3	21.4
4833	2260.0	-780.0	4.0	0.0	22.1	21.2
4834	2280.0	-780.0	4.0	0.0	22.0	21.0
4835	2300.0	-780.0	4.0	0.0	21.8	20.9
4836	2320.0	-780.0	4.0	0.0	21.7	20.7
4837	2340.0	-780.0	4.0	0.0	21.5	20.5
4838	2360.0	-780.0	4.0	0.0	21.3	20.4
4839	2380.0	-780.0	4.0	0.0	21.2	20.2

4840	2400.0	-780.0	4.0	0.0	21.0	20.1
4841	0.0	-800.0	4.0	0.0	33.9	33.9
4842	20.0	-800.0	4.0	0.0	34.1	34.1
4843	40.0	-800.0	4.0	0.0	34.3	34.3
4844	60.0	-800.0	4.0	0.0	34.5	34.5
4845	80.0	-800.0	4.0	0.0	34.7	34.6
4846	100.0	-800.0	4.0	0.0	34.9	34.8
4847	120.0	-800.0	4.0	0.0	35.1	35.0
4848	140.0	-800.0	4.0	0.0	35.3	35.3
4849	160.0	-800.0	4.0	0.0	35.5	35.5
4850	180.0	-800.0	4.0	0.0	35.7	35.7
4851	200.0	-800.0	4.0	0.0	35.9	35.9
4852	220.0	-800.0	4.0	0.0	36.1	36.1
4853	240.0	-800.0	4.0	0.0	36.3	36.3
4854	260.0	-800.0	4.0	0.0	36.6	36.5
4855	280.0	-800.0	4.0	0.0	36.8	36.8
4856	300.0	-800.0	4.0	0.0	37.0	37.0
4857	320.0	-800.0	4.0	0.0	37.3	37.2
4858	340.0	-800.0	4.0	0.0	37.5	37.5
4859	360.0	-800.0	4.0	0.0	37.7	37.7
4860	380.0	-800.0	4.0	0.0	38.0	37.9
4861	400.0	-800.0	4.0	0.0	38.2	38.2
4862	420.0	-800.0	4.0	0.0	38.5	38.4
4863	440.0	-800.0	4.0	0.0	38.7	38.7
4864	460.0	-800.0	4.0	0.0	38.5	38.5
4865	480.0	-800.0	4.0	0.0	38.6	38.5
4866	500.0	-800.0	4.0	0.0	37.9	37.8
4867	520.0	-800.0	4.0	0.0	38.2	38.0
4868	540.0	-800.0	4.0	0.0	38.4	38.2
4869	560.0	-800.0	4.0	0.0	38.7	38.5
4870	580.0	-800.0	4.0	0.0	38.4	37.7
4871	600.0	-800.0	4.0	0.0	38.6	37.9
4872	620.0	-800.0	4.0	0.0	37.8	36.8
4873	640.0	-800.0	4.0	0.0	38.1	37.1
4874	660.0	-800.0	4.0	0.0	38.4	37.3
4875	680.0	-800.0	4.0	0.0	39.0	37.9
4876	700.0	-800.0	4.0	0.0	39.0	37.9
4877	720.0	-800.0	4.0	0.0	39.3	38.1
4878	740.0	-800.0	4.0	0.0	40.1	38.4
4879	760.0	-800.0	4.0	0.0	40.4	38.7
4880	780.0	-800.0	4.0	0.0	40.7	39.0
4881	800.0	-800.0	4.0	0.0	41.0	39.2
4882	820.0	-800.0	4.0	0.0	40.5	39.4
4883	840.0	-800.0	4.0	0.0	30.9	29.6
4884	860.0	-800.0	4.0	0.0	31.1	29.8
4885	880.0	-800.0	4.0	0.0	32.3	30.2
4886	900.0	-800.0	4.0	0.0	40.1	39.4
4887	920.0	-800.0	4.0	0.0	31.8	30.3
4888	940.0	-800.0	4.0	0.0	31.9	30.4
4889	960.0	-800.0	4.0	0.0	32.1	30.5
4890	980.0	-800.0	4.0	0.0	32.3	30.8
4891	1000.0	-800.0	4.0	0.0	40.7	39.9
4892	1020.0	-800.0	4.0	0.0	39.9	38.9
4893	1040.0	-800.0	4.0	0.0	39.0	37.9
4894	1060.0	-800.0	4.0	0.0	37.6	36.2
4895	1080.0	-800.0	4.0	0.0	35.9	34.2
4896	1100.0	-800.0	4.0	0.0	34.5	31.6
4897	1120.0	-800.0	4.0	0.0	36.0	30.5
4898	1140.0	-800.0	4.0	0.0	37.6	34.5
4899	1160.0	-800.0	4.0	0.0	40.7	38.3
4900	1180.0	-800.0	4.0	0.0	41.2	39.3
4901	1200.0	-800.0	4.0	0.0	41.1	39.2
4902	1220.0	-800.0	4.0	0.0	40.8	39.0
4903	1240.0	-800.0	4.0	0.0	40.4	38.8
4904	1260.0	-800.0	4.0	0.0	31.0	29.5
4905	1280.0	-800.0	4.0	0.0	31.0	29.7
4906	1300.0	-800.0	4.0	0.0	30.4	28.9
4907	1320.0	-800.0	4.0	0.0	33.9	32.2
4908	1340.0	-800.0	4.0	0.0	36.2	34.5
4909	1360.0	-800.0	4.0	0.0	37.8	36.5
4910	1380.0	-800.0	4.0	0.0	28.8	27.1
4911	1400.0	-800.0	4.0	0.0	28.6	27.1
4912	1420.0	-800.0	4.0	0.0	28.0	26.3
4913	1440.0	-800.0	4.0	0.0	27.7	26.0
4914	1460.0	-800.0	4.0	0.0	27.4	25.8
4915	1480.0	-800.0	4.0	0.0	27.2	25.6
4916	1500.0	-800.0	4.0	0.0	27.7	25.4
4917	1520.0	-800.0	4.0	0.0	27.4	25.2
4918	1540.0	-800.0	4.0	0.0	27.2	25.0
4919	1560.0	-800.0	4.0	0.0	27.1	25.0
4920	1580.0	-800.0	4.0	0.0	27.1	25.3
4921	1600.0	-800.0	4.0	0.0	27.4	25.8
4922	1620.0	-800.0	4.0	0.0	27.4	25.9
4923	1640.0	-800.0	4.0	0.0	27.5	26.2
4924	1660.0	-800.0	4.0	0.0	27.3	26.0

4925	1680.0	-800.0	4.0	0.0	27.1	25.9
4926	1700.0	-800.0	4.0	0.0	27.1	25.9
4927	1720.0	-800.0	4.0	0.0	27.0	25.9
4928	1740.0	-800.0	4.0	0.0	27.0	25.9
4929	1760.0	-800.0	4.0	0.0	27.0	26.0
4930	1780.0	-800.0	4.0	0.0	26.8	25.8
4931	1800.0	-800.0	4.0	0.0	26.6	25.6
4932	1820.0	-800.0	4.0	0.0	26.4	25.4
4933	1840.0	-800.0	4.0	0.0	26.2	25.2
4934	1860.0	-800.0	4.0	0.0	25.9	25.0
4935	1880.0	-800.0	4.0	0.0	25.7	24.8
4936	1900.0	-800.0	4.0	0.0	25.5	24.6
4937	1920.0	-800.0	4.0	0.0	25.3	24.4
4938	1940.0	-800.0	4.0	0.0	25.1	24.2
4939	1960.0	-800.0	4.0	0.0	24.9	23.9
4940	1980.0	-800.0	4.0	0.0	24.7	23.7
4941	2000.0	-800.0	4.0	0.0	24.4	23.4
4942	2020.0	-800.0	4.0	0.0	24.2	23.2
4943	2040.0	-800.0	4.0	0.0	24.0	23.1
4944	2060.0	-800.0	4.0	0.0	23.8	22.9
4945	2080.0	-800.0	4.0	0.0	23.7	22.7
4946	2100.0	-800.0	4.0	0.0	23.5	22.5
4947	2120.0	-800.0	4.0	0.0	23.3	22.3
4948	2140.0	-800.0	4.0	0.0	23.1	22.2
4949	2160.0	-800.0	4.0	0.0	23.0	22.0
4950	2180.0	-800.0	4.0	0.0	22.8	21.8
4951	2200.0	-800.0	4.0	0.0	22.6	21.6
4952	2220.0	-800.0	4.0	0.0	22.4	21.5
4953	2240.0	-800.0	4.0	0.0	22.3	21.3
4954	2260.0	-800.0	4.0	0.0	22.1	21.1
4955	2280.0	-800.0	4.0	0.0	21.9	21.0
4956	2300.0	-800.0	4.0	0.0	21.8	20.8
4957	2320.0	-800.0	4.0	0.0	21.6	20.7
4958	2340.0	-800.0	4.0	0.0	21.5	20.5
4959	2360.0	-800.0	4.0	0.0	21.3	20.3
4960	2380.0	-800.0	4.0	0.0	21.1	20.2
4961	2400.0	-800.0	4.0	0.0	21.0	20.0
4962	0.0	-820.0	4.0	0.0	33.9	33.8
4963	20.0	-820.0	4.0	0.0	34.0	34.0
4964	40.0	-820.0	4.0	0.0	34.2	34.2
4965	60.0	-820.0	4.0	0.0	34.4	34.4
4966	80.0	-820.0	4.0	0.0	34.6	34.6
4967	100.0	-820.0	4.0	0.0	34.8	34.8
4968	120.0	-820.0	4.0	0.0	35.0	35.0
4969	140.0	-820.0	4.0	0.0	35.2	35.2
4970	160.0	-820.0	4.0	0.0	35.4	35.4
4971	180.0	-820.0	4.0	0.0	35.6	35.6
4972	200.0	-820.0	4.0	0.0	35.8	35.8
4973	220.0	-820.0	4.0	0.0	36.0	36.0
4974	240.0	-820.0	4.0	0.0	36.2	36.2
4975	260.0	-820.0	4.0	0.0	36.5	36.4
4976	280.0	-820.0	4.0	0.0	36.7	36.7
4977	300.0	-820.0	4.0	0.0	36.9	36.9
4978	320.0	-820.0	4.0	0.0	37.1	37.1
4979	340.0	-820.0	4.0	0.0	37.4	37.3
4980	360.0	-820.0	4.0	0.0	37.6	37.5
4981	380.0	-820.0	4.0	0.0	37.8	37.8
4982	400.0	-820.0	4.0	0.0	38.1	38.0
4983	420.0	-820.0	4.0	0.0	38.3	38.3
4984	440.0	-820.0	4.0	0.0	38.6	38.5
4985	460.0	-820.0	4.0	0.0	38.4	38.3
4986	480.0	-820.0	4.0	0.0	38.5	38.3
4987	500.0	-820.0	4.0	0.0	37.8	37.6
4988	520.0	-820.0	4.0	0.0	38.0	37.8
4989	540.0	-820.0	4.0	0.0	38.6	38.0
4990	560.0	-820.0	4.0	0.0	38.8	38.3
4991	580.0	-820.0	4.0	0.0	38.2	37.5
4992	600.0	-820.0	4.0	0.0	38.4	37.6
4993	620.0	-820.0	4.0	0.0	37.6	36.5
4994	640.0	-820.0	4.0	0.0	37.9	36.8
4995	660.0	-820.0	4.0	0.0	38.2	37.1
4996	680.0	-820.0	4.0	0.0	38.7	37.6
4997	700.0	-820.0	4.0	0.0	38.7	37.6
4998	720.0	-820.0	4.0	0.0	39.5	37.8
4999	740.0	-820.0	4.0	0.0	34.8	34.2
5000	760.0	-820.0	4.0	0.0	30.0	28.2
5001	780.0	-820.0	4.0	0.0	36.0	34.0
5002	800.0	-820.0	4.0	0.0	39.9	38.8
5003	820.0	-820.0	4.0	0.0	39.1	38.2
5004	840.0	-820.0	4.0	0.0	37.5	36.6
5005	860.0	-820.0	4.0	0.0	30.7	29.3
5006	880.0	-820.0	4.0	0.0	31.2	29.6
5007	900.0	-820.0	4.0	0.0	38.5	37.9
5008	920.0	-820.0	4.0	0.0	31.2	29.8
5009	940.0	-820.0	4.0	0.0	31.4	29.9

5010	960.0	-820.0	4.0	0.0	31.5	30.0
5011	980.0	-820.0	4.0	0.0	31.8	30.3
5012	1000.0	-820.0	4.0	0.0	31.6	29.9
5013	1020.0	-820.0	4.0	0.0	39.3	38.4
5014	1040.0	-820.0	4.0	0.0	38.6	37.5
5015	1060.0	-820.0	4.0	0.0	37.2	36.0
5016	1080.0	-820.0	4.0	0.0	35.7	34.1
5017	1100.0	-820.0	4.0	0.0	34.4	31.8
5018	1120.0	-820.0	4.0	0.0	33.4	29.9
5019	1140.0	-820.0	4.0	0.0	36.0	32.5
5020	1160.0	-820.0	4.0	0.0	36.3	35.8
5021	1180.0	-820.0	4.0	0.0	40.7	38.8
5022	1200.0	-820.0	4.0	0.0	40.6	38.8
5023	1220.0	-820.0	4.0	0.0	40.4	38.6
5024	1240.0	-820.0	4.0	0.0	40.1	38.5
5025	1260.0	-820.0	4.0	0.0	30.6	29.1
5026	1280.0	-820.0	4.0	0.0	30.6	29.2
5027	1300.0	-820.0	4.0	0.0	29.9	28.4
5028	1320.0	-820.0	4.0	0.0	30.9	29.4
5029	1340.0	-820.0	4.0	0.0	33.9	32.2
5030	1360.0	-820.0	4.0	0.0	36.1	34.6
5031	1380.0	-820.0	4.0	0.0	28.6	27.1
5032	1400.0	-820.0	4.0	0.0	28.4	26.8
5033	1420.0	-820.0	4.0	0.0	27.7	26.0
5034	1440.0	-820.0	4.0	0.0	27.5	25.8
5035	1460.0	-820.0	4.0	0.0	27.2	25.6
5036	1480.0	-820.0	4.0	0.0	27.0	25.4
5037	1500.0	-820.0	4.0	0.0	26.8	25.2
5038	1520.0	-820.0	4.0	0.0	26.5	25.0
5039	1540.0	-820.0	4.0	0.0	27.0	24.8
5040	1560.0	-820.0	4.0	0.0	26.9	24.9
5041	1580.0	-820.0	4.0	0.0	27.0	25.1
5042	1600.0	-820.0	4.0	0.0	27.3	25.7
5043	1620.0	-820.0	4.0	0.0	27.3	25.8
5044	1640.0	-820.0	4.0	0.0	27.4	26.1
5045	1660.0	-820.0	4.0	0.0	27.2	25.9
5046	1680.0	-820.0	4.0	0.0	27.0	25.7
5047	1700.0	-820.0	4.0	0.0	27.0	25.8
5048	1720.0	-820.0	4.0	0.0	26.9	25.8
5049	1740.0	-820.0	4.0	0.0	26.9	25.8
5050	1760.0	-820.0	4.0	0.0	26.9	25.9
5051	1780.0	-820.0	4.0	0.0	26.7	25.7
5052	1800.0	-820.0	4.0	0.0	26.5	25.5
5053	1820.0	-820.0	4.0	0.0	26.3	25.3
5054	1840.0	-820.0	4.0	0.0	26.1	25.1
5055	1860.0	-820.0	4.0	0.0	25.9	24.9
5056	1880.0	-820.0	4.0	0.0	25.6	24.7
5057	1900.0	-820.0	4.0	0.0	25.4	24.5
5058	1920.0	-820.0	4.0	0.0	25.2	24.3
5059	1940.0	-820.0	4.0	0.0	25.0	24.1
5060	1960.0	-820.0	4.0	0.0	24.8	23.8
5061	1980.0	-820.0	4.0	0.0	24.6	23.6
5062	2000.0	-820.0	4.0	0.0	24.3	23.4
5063	2020.0	-820.0	4.0	0.0	24.2	23.2
5064	2040.0	-820.0	4.0	0.0	24.0	23.0
5065	2060.0	-820.0	4.0	0.0	23.8	22.8
5066	2080.0	-820.0	4.0	0.0	23.6	22.6
5067	2100.0	-820.0	4.0	0.0	23.4	22.5
5068	2120.0	-820.0	4.0	0.0	23.2	22.3
5069	2140.0	-820.0	4.0	0.0	23.1	22.1
5070	2160.0	-820.0	4.0	0.0	22.9	21.9
5071	2180.0	-820.0	4.0	0.0	22.7	21.8
5072	2200.0	-820.0	4.0	0.0	22.6	21.6
5073	2220.0	-820.0	4.0	0.0	22.4	21.4
5074	2240.0	-820.0	4.0	0.0	22.2	21.3
5075	2260.0	-820.0	4.0	0.0	22.1	21.1
5076	2280.0	-820.0	4.0	0.0	21.9	20.9
5077	2300.0	-820.0	4.0	0.0	21.7	20.8
5078	2320.0	-820.0	4.0	0.0	21.6	20.6
5079	2340.0	-820.0	4.0	0.0	21.4	20.5
5080	2360.0	-820.0	4.0	0.0	21.3	20.3
5081	2380.0	-820.0	4.0	0.0	21.1	20.2
5082	2400.0	-820.0	4.0	0.0	20.9	20.0
5083	0.0	-840.0	4.0	0.0	33.8	33.7
5084	20.0	-840.0	4.0	0.0	34.0	33.9
5085	40.0	-840.0	4.0	0.0	34.1	34.1
5086	60.0	-840.0	4.0	0.0	34.3	34.3
5087	80.0	-840.0	4.0	0.0	34.5	34.5
5088	100.0	-840.0	4.0	0.0	34.7	34.7
5089	120.0	-840.0	4.0	0.0	34.9	34.9
5090	140.0	-840.0	4.0	0.0	35.1	35.1
5091	160.0	-840.0	4.0	0.0	35.3	35.3
5092	180.0	-840.0	4.0	0.0	35.5	35.5
5093	200.0	-840.0	4.0	0.0	35.7	35.7
5094	220.0	-840.0	4.0	0.0	35.9	35.9

5095	240.0	-840.0	4.0	0.0	36.1	36.1
5096	260.0	-840.0	4.0	0.0	36.4	36.3
5097	280.0	-840.0	4.0	0.0	36.6	36.5
5098	300.0	-840.0	4.0	0.0	36.8	36.7
5099	320.0	-840.0	4.0	0.0	37.0	37.0
5100	340.0	-840.0	4.0	0.0	37.3	37.2
5101	360.0	-840.0	4.0	0.0	37.5	37.4
5102	380.0	-840.0	4.0	0.0	37.7	37.6
5103	400.0	-840.0	4.0	0.0	38.0	37.9
5104	420.0	-840.0	4.0	0.0	38.2	38.1
5105	440.0	-840.0	4.0	0.0	38.5	38.3
5106	460.0	-840.0	4.0	0.0	38.3	38.1
5107	480.0	-840.0	4.0	0.0	38.3	38.2
5108	500.0	-840.0	4.0	0.0	37.9	37.4
5109	520.0	-840.0	4.0	0.0	38.1	37.6
5110	540.0	-840.0	4.0	0.0	38.4	37.8
5111	560.0	-840.0	4.0	0.0	38.6	38.0
5112	580.0	-840.0	4.0	0.0	38.0	37.3
5113	600.0	-840.0	4.0	0.0	38.2	37.4
5114	620.0	-840.0	4.0	0.0	37.4	36.3
5115	640.0	-840.0	4.0	0.0	37.7	36.6
5116	660.0	-840.0	4.0	0.0	38.0	36.8
5117	680.0	-840.0	4.0	0.0	38.9	37.4
5118	700.0	-840.0	4.0	0.0	38.9	37.3
5119	720.0	-840.0	4.0	0.0	38.6	37.2
5120	740.0	-840.0	4.0	0.0	37.4	35.9
5121	760.0	-840.0	4.0	0.0	29.6	27.9
5122	780.0	-840.0	4.0	0.0	34.4	28.7
5123	800.0	-840.0	4.0	0.0	39.1	38.3
5124	820.0	-840.0	4.0	0.0	37.7	37.0
5125	840.0	-840.0	4.0	0.0	36.5	35.5
5126	860.0	-840.0	4.0	0.0	30.2	28.9
5127	880.0	-840.0	4.0	0.0	30.4	29.0
5128	900.0	-840.0	4.0	0.0	37.1	36.4
5129	920.0	-840.0	4.0	0.0	30.8	29.3
5130	940.0	-840.0	4.0	0.0	30.9	29.4
5131	960.0	-840.0	4.0	0.0	31.0	29.5
5132	980.0	-840.0	4.0	0.0	31.3	29.8
5133	1000.0	-840.0	4.0	0.0	31.0	29.4
5134	1020.0	-840.0	4.0	0.0	31.0	29.4
5135	1040.0	-840.0	4.0	0.0	38.1	37.2
5136	1060.0	-840.0	4.0	0.0	36.9	35.7
5137	1080.0	-840.0	4.0	0.0	35.5	34.0
5138	1100.0	-840.0	4.0	0.0	34.3	32.0
5139	1120.0	-840.0	4.0	0.0	33.5	30.4
5140	1140.0	-840.0	4.0	0.0	34.4	30.1
5141	1160.0	-840.0	4.0	0.0	37.1	33.9
5142	1180.0	-840.0	4.0	0.0	35.1	34.3
5143	1200.0	-840.0	4.0	0.0	40.2	38.4
5144	1220.0	-840.0	4.0	0.0	40.0	38.2
5145	1240.0	-840.0	4.0	0.0	38.8	37.3
5146	1260.0	-840.0	4.0	0.0	33.3	30.8
5147	1280.0	-840.0	4.0	0.0	30.3	28.9
5148	1300.0	-840.0	4.0	0.0	29.5	28.0
5149	1320.0	-840.0	4.0	0.0	29.4	27.9
5150	1340.0	-840.0	4.0	0.0	31.2	29.5
5151	1360.0	-840.0	4.0	0.0	34.0	32.4
5152	1380.0	-840.0	4.0	0.0	35.2	33.6
5153	1400.0	-840.0	4.0	0.0	28.1	26.6
5154	1420.0	-840.0	4.0	0.0	27.5	25.8
5155	1440.0	-840.0	4.0	0.0	27.2	25.6
5156	1460.0	-840.0	4.0	0.0	27.0	25.4
5157	1480.0	-840.0	4.0	0.0	26.8	25.2
5158	1500.0	-840.0	4.0	0.0	26.6	25.0
5159	1520.0	-840.0	4.0	0.0	26.3	24.8
5160	1540.0	-840.0	4.0	0.0	26.1	24.7
5161	1560.0	-840.0	4.0	0.0	26.8	24.7
5162	1580.0	-840.0	4.0	0.0	26.8	24.9
5163	1600.0	-840.0	4.0	0.0	27.2	25.6
5164	1620.0	-840.0	4.0	0.0	27.1	25.7
5165	1640.0	-840.0	4.0	0.0	27.3	25.9
5166	1660.0	-840.0	4.0	0.0	27.0	25.7
5167	1680.0	-840.0	4.0	0.0	26.8	25.5
5168	1700.0	-840.0	4.0	0.0	26.8	25.6
5169	1720.0	-840.0	4.0	0.0	26.8	25.7
5170	1740.0	-840.0	4.0	0.0	26.7	25.7
5171	1760.0	-840.0	4.0	0.0	26.8	25.8
5172	1780.0	-840.0	4.0	0.0	26.6	25.6
5173	1800.0	-840.0	4.0	0.0	26.4	25.4
5174	1820.0	-840.0	4.0	0.0	26.2	25.2
5175	1840.0	-840.0	4.0	0.0	26.0	25.0
5176	1860.0	-840.0	4.0	0.0	25.8	24.8
5177	1880.0	-840.0	4.0	0.0	25.6	24.6
5178	1900.0	-840.0	4.0	0.0	25.4	24.4
5179	1920.0	-840.0	4.0	0.0	25.2	24.2

5180	1940.0	-840.0	4.0	0.0	25.0	24.0
5181	1960.0	-840.0	4.0	0.0	24.7	23.7
5182	1980.0	-840.0	4.0	0.0	24.5	23.5
5183	2000.0	-840.0	4.0	0.0	24.3	23.3
5184	2020.0	-840.0	4.0	0.0	24.1	23.1
5185	2040.0	-840.0	4.0	0.0	23.9	22.9
5186	2060.0	-840.0	4.0	0.0	23.7	22.7
5187	2080.0	-840.0	4.0	0.0	23.5	22.6
5188	2100.0	-840.0	4.0	0.0	23.4	22.4
5189	2120.0	-840.0	4.0	0.0	23.2	22.2
5190	2140.0	-840.0	4.0	0.0	23.0	22.0
5191	2160.0	-840.0	4.0	0.0	22.8	21.9
5192	2180.0	-840.0	4.0	0.0	22.7	21.7
5193	2200.0	-840.0	4.0	0.0	22.5	21.5
5194	2220.0	-840.0	4.0	0.0	22.3	21.4
5195	2240.0	-840.0	4.0	0.0	22.2	21.2
5196	2260.0	-840.0	4.0	0.0	22.0	21.0
5197	2280.0	-840.0	4.0	0.0	21.8	20.9
5198	2300.0	-840.0	4.0	0.0	21.7	20.7
5199	2320.0	-840.0	4.0	0.0	21.5	20.6
5200	2340.0	-840.0	4.0	0.0	21.4	20.4
5201	2360.0	-840.0	4.0	0.0	21.2	20.3
5202	2380.0	-840.0	4.0	0.0	21.1	20.1
5203	2400.0	-840.0	4.0	0.0	20.9	20.0
5204	0.0	-860.0	4.0	0.0	33.7	33.7
5205	20.0	-860.0	4.0	0.0	33.9	33.9
5206	40.0	-860.0	4.0	0.0	34.1	34.0
5207	60.0	-860.0	4.0	0.0	34.3	34.2
5208	80.0	-860.0	4.0	0.0	34.4	34.4
5209	100.0	-860.0	4.0	0.0	34.6	34.6
5210	120.0	-860.0	4.0	0.0	34.8	34.8
5211	140.0	-860.0	4.0	0.0	35.0	35.0
5212	160.0	-860.0	4.0	0.0	35.2	35.2
5213	180.0	-860.0	4.0	0.0	35.4	35.4
5214	200.0	-860.0	4.0	0.0	35.6	35.6
5215	220.0	-860.0	4.0	0.0	35.8	35.8
5216	240.0	-860.0	4.0	0.0	36.0	36.0
5217	260.0	-860.0	4.0	0.0	36.2	36.2
5218	280.0	-860.0	4.0	0.0	36.5	36.4
5219	300.0	-860.0	4.0	0.0	36.7	36.6
5220	320.0	-860.0	4.0	0.0	36.9	36.8
5221	340.0	-860.0	4.0	0.0	37.1	37.1
5222	360.0	-860.0	4.0	0.0	37.4	37.3
5223	380.0	-860.0	4.0	0.0	37.6	37.5
5224	400.0	-860.0	4.0	0.0	37.8	37.7
5225	420.0	-860.0	4.0	0.0	38.1	37.9
5226	440.0	-860.0	4.0	0.0	38.3	38.2
5227	460.0	-860.0	4.0	0.0	38.4	37.9
5228	480.0	-860.0	4.0	0.0	38.4	38.0
5229	500.0	-860.0	4.0	0.0	37.7	37.2
5230	520.0	-860.0	4.0	0.0	38.0	37.4
5231	540.0	-860.0	4.0	0.0	38.2	37.6
5232	560.0	-860.0	4.0	0.0	38.4	37.8
5233	580.0	-860.0	4.0	0.0	37.9	37.1
5234	600.0	-860.0	4.0	0.0	38.0	37.2
5235	620.0	-860.0	4.0	0.0	37.2	36.1
5236	640.0	-860.0	4.0	0.0	37.5	36.3
5237	660.0	-860.0	4.0	0.0	38.2	36.5
5238	680.0	-860.0	4.0	0.0	38.6	37.1
5239	700.0	-860.0	4.0	0.0	38.2	36.9
5240	720.0	-860.0	4.0	0.0	37.2	35.9
5241	740.0	-860.0	4.0	0.0	36.4	34.7
5242	760.0	-860.0	4.0	0.0	35.0	27.7
5243	780.0	-860.0	4.0	0.0	33.5	29.5
5244	800.0	-860.0	4.0	0.0	37.9	37.2
5245	820.0	-860.0	4.0	0.0	36.7	35.8
5246	840.0	-860.0	4.0	0.0	35.4	34.4
5247	860.0	-860.0	4.0	0.0	29.8	28.4
5248	880.0	-860.0	4.0	0.0	30.0	28.6
5249	900.0	-860.0	4.0	0.0	35.7	35.0
5250	920.0	-860.0	4.0	0.0	30.3	28.8
5251	940.0	-860.0	4.0	0.0	30.4	28.9
5252	960.0	-860.0	4.0	0.0	30.5	29.0
5253	980.0	-860.0	4.0	0.0	30.8	29.4
5254	1000.0	-860.0	4.0	0.0	30.5	28.9
5255	1020.0	-860.0	4.0	0.0	30.5	28.9
5256	1040.0	-860.0	4.0	0.0	30.8	29.2
5257	1060.0	-860.0	4.0	0.0	36.6	35.5
5258	1080.0	-860.0	4.0	0.0	35.2	33.9
5259	1100.0	-860.0	4.0	0.0	34.1	32.0
5260	1120.0	-860.0	4.0	0.0	32.8	29.8
5261	1140.0	-860.0	4.0	0.0	33.6	29.3
5262	1160.0	-860.0	4.0	0.0	35.8	32.6
5263	1180.0	-860.0	4.0	0.0	35.7	35.3
5264	1200.0	-860.0	4.0	0.0	38.2	36.4



5265	1220.0	-860.0	4.0	0.0	30.1	28.4
5266	1240.0	-860.0	4.0	0.0	29.9	28.2
5267	1260.0	-860.0	4.0	0.0	30.6	28.3
5268	1280.0	-860.0	4.0	0.0	29.8	28.4
5269	1300.0	-860.0	4.0	0.0	29.2	27.8
5270	1320.0	-860.0	4.0	0.0	29.0	27.5
5271	1340.0	-860.0	4.0	0.0	28.9	27.5
5272	1360.0	-860.0	4.0	0.0	31.5	29.9
5273	1380.0	-860.0	4.0	0.0	33.4	31.6
5274	1400.0	-860.0	4.0	0.0	28.1	26.7
5275	1420.0	-860.0	4.0	0.0	27.2	25.6
5276	1440.0	-860.0	4.0	0.0	27.0	25.4
5277	1460.0	-860.0	4.0	0.0	26.8	25.1
5278	1480.0	-860.0	4.0	0.0	26.6	25.0
5279	1500.0	-860.0	4.0	0.0	26.4	24.8
5280	1520.0	-860.0	4.0	0.0	26.2	24.7
5281	1540.0	-860.0	4.0	0.0	26.0	24.5
5282	1560.0	-860.0	4.0	0.0	25.9	24.6
5283	1580.0	-860.0	4.0	0.0	26.0	24.8
5284	1600.0	-860.0	4.0	0.0	27.0	25.4
5285	1620.0	-860.0	4.0	0.0	27.0	25.5
5286	1640.0	-860.0	4.0	0.0	27.1	25.8
5287	1660.0	-860.0	4.0	0.0	26.9	25.5
5288	1680.0	-860.0	4.0	0.0	26.6	25.3
5289	1700.0	-860.0	4.0	0.0	26.7	25.5
5290	1720.0	-860.0	4.0	0.0	26.7	25.6
5291	1740.0	-860.0	4.0	0.0	26.6	25.5
5292	1760.0	-860.0	4.0	0.0	26.7	25.7
5293	1780.0	-860.0	4.0	0.0	26.5	25.5
5294	1800.0	-860.0	4.0	0.0	26.3	25.3
5295	1820.0	-860.0	4.0	0.0	26.1	25.1
5296	1840.0	-860.0	4.0	0.0	25.9	24.9
5297	1860.0	-860.0	4.0	0.0	25.7	24.7
5298	1880.0	-860.0	4.0	0.0	25.5	24.5
5299	1900.0	-860.0	4.0	0.0	25.3	24.3
5300	1920.0	-860.0	4.0	0.0	25.1	24.1
5301	1940.0	-860.0	4.0	0.0	24.9	23.9
5302	1960.0	-860.0	4.0	0.0	24.6	23.7
5303	1980.0	-860.0	4.0	0.0	24.4	23.4
5304	2000.0	-860.0	4.0	0.0	24.2	23.2
5305	2020.0	-860.0	4.0	0.0	24.0	23.0
5306	2040.0	-860.0	4.0	0.0	23.8	22.8
5307	2060.0	-860.0	4.0	0.0	23.7	22.7
5308	2080.0	-860.0	4.0	0.0	23.5	22.5
5309	2100.0	-860.0	4.0	0.0	23.3	22.3
5310	2120.0	-860.0	4.0	0.0	23.1	22.2
5311	2140.0	-860.0	4.0	0.0	23.0	22.0
5312	2160.0	-860.0	4.0	0.0	22.8	21.8
5313	2180.0	-860.0	4.0	0.0	22.6	21.6
5314	2200.0	-860.0	4.0	0.0	22.4	21.5
5315	2220.0	-860.0	4.0	0.0	22.3	21.3
5316	2240.0	-860.0	4.0	0.0	22.1	21.2
5317	2260.0	-860.0	4.0	0.0	22.0	21.0
5318	2280.0	-860.0	4.0	0.0	21.8	20.8
5319	2300.0	-860.0	4.0	0.0	21.6	20.7
5320	2320.0	-860.0	4.0	0.0	21.5	20.5
5321	2340.0	-860.0	4.0	0.0	21.3	20.4
5322	2360.0	-860.0	4.0	0.0	21.2	20.2
5323	2380.0	-860.0	4.0	0.0	21.0	20.1
5324	2400.0	-860.0	4.0	0.0	20.9	19.9
5325	0.0	-880.0	4.0	0.0	33.6	33.6
5326	20.0	-880.0	4.0	0.0	33.8	33.8
5327	40.0	-880.0	4.0	0.0	34.0	33.9
5328	60.0	-880.0	4.0	0.0	34.2	34.1
5329	80.0	-880.0	4.0	0.0	34.3	34.3
5330	100.0	-880.0	4.0	0.0	34.5	34.5
5331	120.0	-880.0	4.0	0.0	34.7	34.7
5332	140.0	-880.0	4.0	0.0	34.9	34.9
5333	160.0	-880.0	4.0	0.0	35.1	35.1
5334	180.0	-880.0	4.0	0.0	35.3	35.3
5335	200.0	-880.0	4.0	0.0	35.5	35.5
5336	220.0	-880.0	4.0	0.0	35.7	35.7
5337	240.0	-880.0	4.0	0.0	35.9	35.9
5338	260.0	-880.0	4.0	0.0	36.1	36.1
5339	280.0	-880.0	4.0	0.0	36.4	36.3
5340	300.0	-880.0	4.0	0.0	36.6	36.5
5341	320.0	-880.0	4.0	0.0	36.8	36.7
5342	340.0	-880.0	4.0	0.0	37.0	36.9
5343	360.0	-880.0	4.0	0.0	37.2	37.1
5344	380.0	-880.0	4.0	0.0	37.5	37.3
5345	400.0	-880.0	4.0	0.0	37.7	37.5
5346	420.0	-880.0	4.0	0.0	37.9	37.8
5347	440.0	-880.0	4.0	0.0	38.4	38.0
5348	460.0	-880.0	4.0	0.0	38.2	37.8
5349	480.0	-880.0	4.0	0.0	38.2	37.8

5350	500.0	-880.0	4.0	0.0	37.6	37.0
5351	520.0	-880.0	4.0	0.0	37.8	37.2
5352	540.0	-880.0	4.0	0.0	38.0	37.4
5353	560.0	-880.0	4.0	0.0	38.3	37.6
5354	580.0	-880.0	4.0	0.0	37.6	36.8
5355	600.0	-880.0	4.0	0.0	37.8	36.9
5356	620.0	-880.0	4.0	0.0	37.0	35.8
5357	640.0	-880.0	4.0	0.0	37.7	36.0
5358	660.0	-880.0	4.0	0.0	38.0	36.3
5359	680.0	-880.0	4.0	0.0	38.0	36.8
5360	700.0	-880.0	4.0	0.0	37.0	35.8
5361	720.0	-880.0	4.0	0.0	36.2	34.6
5362	740.0	-880.0	4.0	0.0	35.4	34.0
5363	760.0	-880.0	4.0	0.0	32.8	28.2
5364	780.0	-880.0	4.0	0.0	36.1	35.0
5365	800.0	-880.0	4.0	0.0	36.9	36.2
5366	820.0	-880.0	4.0	0.0	35.7	34.8
5367	840.0	-880.0	4.0	0.0	33.9	33.4
5368	860.0	-880.0	4.0	0.0	29.4	28.0
5369	880.0	-880.0	4.0	0.0	29.6	28.2
5370	900.0	-880.0	4.0	0.0	34.3	33.7
5371	920.0	-880.0	4.0	0.0	29.8	28.4
5372	940.0	-880.0	4.0	0.0	29.9	28.4
5373	960.0	-880.0	4.0	0.0	30.1	28.6
5374	980.0	-880.0	4.0	0.0	30.4	28.9
5375	1000.0	-880.0	4.0	0.0	30.0	28.4
5376	1020.0	-880.0	4.0	0.0	30.0	28.4
5377	1040.0	-880.0	4.0	0.0	35.6	34.6
5378	1060.0	-880.0	4.0	0.0	36.2	35.2
5379	1080.0	-880.0	4.0	0.0	31.0	29.7
5380	1100.0	-880.0	4.0	0.0	31.4	28.5
5381	1120.0	-880.0	4.0	0.0	31.7	28.1
5382	1140.0	-880.0	4.0	0.0	32.8	28.6
5383	1160.0	-880.0	4.0	0.0	34.6	31.2
5384	1180.0	-880.0	4.0	0.0	34.1	33.6
5385	1200.0	-880.0	4.0	0.0	34.0	33.5
5386	1220.0	-880.0	4.0	0.0	29.4	27.8
5387	1240.0	-880.0	4.0	0.0	29.4	27.8
5388	1260.0	-880.0	4.0	0.0	29.9	27.9
5389	1280.0	-880.0	4.0	0.0	29.8	28.6
5390	1300.0	-880.0	4.0	0.0	28.8	27.3
5391	1320.0	-880.0	4.0	0.0	28.7	27.3
5392	1340.0	-880.0	4.0	0.0	28.6	27.1
5393	1360.0	-880.0	4.0	0.0	28.9	27.4
5394	1380.0	-880.0	4.0	0.0	31.1	29.3
5395	1400.0	-880.0	4.0	0.0	33.3	31.7
5396	1420.0	-880.0	4.0	0.0	27.0	25.4
5397	1440.0	-880.0	4.0	0.0	26.7	25.2
5398	1460.0	-880.0	4.0	0.0	26.5	24.9
5399	1480.0	-880.0	4.0	0.0	26.3	24.8
5400	1500.0	-880.0	4.0	0.0	26.1	24.6
5401	1520.0	-880.0	4.0	0.0	26.0	24.5
5402	1540.0	-880.0	4.0	0.0	25.8	24.4
5403	1560.0	-880.0	4.0	0.0	25.8	24.4
5404	1580.0	-880.0	4.0	0.0	25.9	24.7
5405	1600.0	-880.0	4.0	0.0	26.3	25.3
5406	1620.0	-880.0	4.0	0.0	26.3	25.4
5407	1640.0	-880.0	4.0	0.0	27.0	25.6
5408	1660.0	-880.0	4.0	0.0	26.6	25.3
5409	1680.0	-880.0	4.0	0.0	26.5	25.2
5410	1700.0	-880.0	4.0	0.0	26.6	25.4
5411	1720.0	-880.0	4.0	0.0	26.6	25.5
5412	1740.0	-880.0	4.0	0.0	26.5	25.4
5413	1760.0	-880.0	4.0	0.0	26.6	25.6
5414	1780.0	-880.0	4.0	0.0	26.4	25.4
5415	1800.0	-880.0	4.0	0.0	26.2	25.2
5416	1820.0	-880.0	4.0	0.0	26.0	25.0
5417	1840.0	-880.0	4.0	0.0	25.8	24.8
5418	1860.0	-880.0	4.0	0.0	25.6	24.6
5419	1880.0	-880.0	4.0	0.0	25.4	24.4
5420	1900.0	-880.0	4.0	0.0	25.2	24.2
5421	1920.0	-880.0	4.0	0.0	25.0	24.0
5422	1940.0	-880.0	4.0	0.0	24.8	23.8
5423	1960.0	-880.0	4.0	0.0	24.5	23.6
5424	1980.0	-880.0	4.0	0.0	24.3	23.3
5425	2000.0	-880.0	4.0	0.0	24.1	23.1
5426	2020.0	-880.0	4.0	0.0	23.9	23.0
5427	2040.0	-880.0	4.0	0.0	23.8	22.8
5428	2060.0	-880.0	4.0	0.0	23.6	22.6
5429	2080.0	-880.0	4.0	0.0	23.4	22.4
5430	2100.0	-880.0	4.0	0.0	23.2	22.3
5431	2120.0	-880.0	4.0	0.0	23.1	22.1
5432	2140.0	-880.0	4.0	0.0	22.9	21.9
5433	2160.0	-880.0	4.0	0.0	22.7	21.8
5434	2180.0	-880.0	4.0	0.0	22.6	21.6

5435	2200.0	-880.0	4.0	0.0	22.4	21.4
5436	2220.0	-880.0	4.0	0.0	22.2	21.3
5437	2240.0	-880.0	4.0	0.0	22.1	21.1
5438	2260.0	-880.0	4.0	0.0	21.9	20.9
5439	2280.0	-880.0	4.0	0.0	21.7	20.8
5440	2300.0	-880.0	4.0	0.0	21.6	20.6
5441	2320.0	-880.0	4.0	0.0	21.4	20.5
5442	2340.0	-880.0	4.0	0.0	21.3	20.3
5443	2360.0	-880.0	4.0	0.0	21.1	20.2
5444	2380.0	-880.0	4.0	0.0	21.0	20.0
5445	2400.0	-880.0	4.0	0.0	20.8	19.9
5446	0.0	-900.0	4.0	0.0	33.6	33.5
5447	20.0	-900.0	4.0	0.0	33.7	33.7
5448	40.0	-900.0	4.0	0.0	33.9	33.9
5449	60.0	-900.0	4.0	0.0	34.1	34.0
5450	80.0	-900.0	4.0	0.0	34.3	34.2
5451	100.0	-900.0	4.0	0.0	34.4	34.4
5452	120.0	-900.0	4.0	0.0	34.6	34.6
5453	140.0	-900.0	4.0	0.0	34.8	34.8
5454	160.0	-900.0	4.0	0.0	35.0	35.0
5455	180.0	-900.0	4.0	0.0	35.2	35.2
5456	200.0	-900.0	4.0	0.0	35.4	35.4
5457	220.0	-900.0	4.0	0.0	35.6	35.6
5458	240.0	-900.0	4.0	0.0	35.8	35.7
5459	260.0	-900.0	4.0	0.0	36.0	36.0
5460	280.0	-900.0	4.0	0.0	36.3	36.2
5461	300.0	-900.0	4.0	0.0	36.5	36.4
5462	320.0	-900.0	4.0	0.0	36.7	36.6
5463	340.0	-900.0	4.0	0.0	36.9	36.8
5464	360.0	-900.0	4.0	0.0	37.1	37.0
5465	380.0	-900.0	4.0	0.0	37.3	37.2
5466	400.0	-900.0	4.0	0.0	37.8	37.4
5467	420.0	-900.0	4.0	0.0	38.0	37.6
5468	440.0	-900.0	4.0	0.0	38.2	37.8
5469	460.0	-900.0	4.0	0.0	38.0	37.6
5470	480.0	-900.0	4.0	0.0	38.1	37.6
5471	500.0	-900.0	4.0	0.0	37.4	36.8
5472	520.0	-900.0	4.0	0.0	37.6	37.0
5473	540.0	-900.0	4.0	0.0	37.8	37.2
5474	560.0	-900.0	4.0	0.0	38.1	37.4
5475	580.0	-900.0	4.0	0.0	37.4	36.6
5476	600.0	-900.0	4.0	0.0	37.6	36.7
5477	620.0	-900.0	4.0	0.0	37.2	35.6
5478	640.0	-900.0	4.0	0.0	37.4	35.8
5479	660.0	-900.0	4.0	0.0	37.2	36.0
5480	680.0	-900.0	4.0	0.0	37.0	36.0
5481	700.0	-900.0	4.0	0.0	36.0	34.6
5482	720.0	-900.0	4.0	0.0	35.0	33.7
5483	740.0	-900.0	4.0	0.0	34.0	33.4
5484	760.0	-900.0	4.0	0.0	34.0	33.6
5485	780.0	-900.0	4.0	0.0	32.3	31.8
5486	800.0	-900.0	4.0	0.0	36.0	35.2
5487	820.0	-900.0	4.0	0.0	34.6	33.8
5488	840.0	-900.0	4.0	0.0	29.1	27.8
5489	860.0	-900.0	4.0	0.0	28.9	27.5
5490	880.0	-900.0	4.0	0.0	29.1	27.7
5491	900.0	-900.0	4.0	0.0	33.0	32.3
5492	920.0	-900.0	4.0	0.0	29.4	27.9
5493	940.0	-900.0	4.0	0.0	29.5	28.0
5494	960.0	-900.0	4.0	0.0	29.6	28.2
5495	980.0	-900.0	4.0	0.0	29.9	28.5
5496	1000.0	-900.0	4.0	0.0	29.5	27.9
5497	1020.0	-900.0	4.0	0.0	33.8	32.9
5498	1040.0	-900.0	4.0	0.0	30.8	29.6
5499	1060.0	-900.0	4.0	0.0	29.9	28.4
5500	1080.0	-900.0	4.0	0.0	29.5	27.8
5501	1100.0	-900.0	4.0	0.0	30.8	27.7
5502	1120.0	-900.0	4.0	0.0	31.2	27.7
5503	1140.0	-900.0	4.0	0.0	29.7	28.1
5504	1160.0	-900.0	4.0	0.0	33.1	28.9
5505	1180.0	-900.0	4.0	0.0	35.4	32.1
5506	1200.0	-900.0	4.0	0.0	33.9	33.4
5507	1220.0	-900.0	4.0	0.0	29.0	27.4
5508	1240.0	-900.0	4.0	0.0	28.9	27.3
5509	1260.0	-900.0	4.0	0.0	29.3	27.6
5510	1280.0	-900.0	4.0	0.0	30.1	27.8
5511	1300.0	-900.0	4.0	0.0	28.4	26.9
5512	1320.0	-900.0	4.0	0.0	28.4	26.9
5513	1340.0	-900.0	4.0	0.0	28.2	26.8
5514	1360.0	-900.0	4.0	0.0	28.3	26.9
5515	1380.0	-900.0	4.0	0.0	28.7	27.0
5516	1400.0	-900.0	4.0	0.0	31.2	29.5
5517	1420.0	-900.0	4.0	0.0	29.9	28.3
5518	1440.0	-900.0	4.0	0.0	26.5	24.9
5519	1460.0	-900.0	4.0	0.0	26.3	24.7

5520	1480.0	-900.0	4.0	0.0	26.1	24.6
5521	1500.0	-900.0	4.0	0.0	25.9	24.4
5522	1520.0	-900.0	4.0	0.0	25.7	24.3
5523	1540.0	-900.0	4.0	0.0	25.6	24.2
5524	1560.0	-900.0	4.0	0.0	25.6	24.3
5525	1580.0	-900.0	4.0	0.0	25.7	24.5
5526	1600.0	-900.0	4.0	0.0	26.2	25.2
5527	1620.0	-900.0	4.0	0.0	26.2	25.2
5528	1640.0	-900.0	4.0	0.0	26.2	25.4
5529	1660.0	-900.0	4.0	0.0	26.0	25.1
5530	1680.0	-900.0	4.0	0.0	26.4	25.1
5531	1700.0	-900.0	4.0	0.0	26.5	25.3
5532	1720.0	-900.0	4.0	0.0	26.5	25.3
5533	1740.0	-900.0	4.0	0.0	26.4	25.3
5534	1760.0	-900.0	4.0	0.0	26.5	25.5
5535	1780.0	-900.0	4.0	0.0	26.3	25.3
5536	1800.0	-900.0	4.0	0.0	26.1	25.1
5537	1820.0	-900.0	4.0	0.0	25.9	24.9
5538	1840.0	-900.0	4.0	0.0	25.7	24.7
5539	1860.0	-900.0	4.0	0.0	25.5	24.5
5540	1880.0	-900.0	4.0	0.0	25.3	24.3
5541	1900.0	-900.0	4.0	0.0	25.1	24.1
5542	1920.0	-900.0	4.0	0.0	24.9	23.9
5543	1940.0	-900.0	4.0	0.0	24.7	23.7
5544	1960.0	-900.0	4.0	0.0	24.4	23.4
5545	1980.0	-900.0	4.0	0.0	24.2	23.2
5546	2000.0	-900.0	4.0	0.0	24.0	23.1
5547	2020.0	-900.0	4.0	0.0	23.9	22.9
5548	2040.0	-900.0	4.0	0.0	23.7	22.7
5549	2060.0	-900.0	4.0	0.0	23.5	22.5
5550	2080.0	-900.0	4.0	0.0	23.3	22.4
5551	2100.0	-900.0	4.0	0.0	23.2	22.2
5552	2120.0	-900.0	4.0	0.0	23.0	22.0
5553	2140.0	-900.0	4.0	0.0	22.8	21.9
5554	2160.0	-900.0	4.0	0.0	22.7	21.7
5555	2180.0	-900.0	4.0	0.0	22.5	21.5
5556	2200.0	-900.0	4.0	0.0	22.3	21.4
5557	2220.0	-900.0	4.0	0.0	22.2	21.2
5558	2240.0	-900.0	4.0	0.0	22.0	21.0
5559	2260.0	-900.0	4.0	0.0	21.8	20.9
5560	2280.0	-900.0	4.0	0.0	21.7	20.7
5561	2300.0	-900.0	4.0	0.0	21.5	20.6
5562	2320.0	-900.0	4.0	0.0	21.4	20.4
5563	2340.0	-900.0	4.0	0.0	21.2	20.3
5564	2360.0	-900.0	4.0	0.0	21.1	20.1
5565	2380.0	-900.0	4.0	0.0	20.9	20.0
5566	2400.0	-900.0	4.0	0.0	20.7	19.8
5567	0.0	-920.0	4.0	0.0	33.5	33.4
5568	20.0	-920.0	4.0	0.0	33.6	33.6
5569	40.0	-920.0	4.0	0.0	33.8	33.8
5570	60.0	-920.0	4.0	0.0	34.0	34.0
5571	80.0	-920.0	4.0	0.0	34.2	34.1
5572	100.0	-920.0	4.0	0.0	34.4	34.3
5573	120.0	-920.0	4.0	0.0	34.5	34.5
5574	140.0	-920.0	4.0	0.0	34.7	34.7
5575	160.0	-920.0	4.0	0.0	34.9	34.9
5576	180.0	-920.0	4.0	0.0	35.1	35.0
5577	200.0	-920.0	4.0	0.0	35.3	35.2
5578	220.0	-920.0	4.0	0.0	35.5	35.4
5579	240.0	-920.0	4.0	0.0	35.7	35.6
5580	260.0	-920.0	4.0	0.0	35.9	35.8
5581	280.0	-920.0	4.0	0.0	36.1	36.0
5582	300.0	-920.0	4.0	0.0	36.4	36.2
5583	320.0	-920.0	4.0	0.0	36.6	36.4
5584	340.0	-920.0	4.0	0.0	36.8	36.6
5585	360.0	-920.0	4.0	0.0	37.2	36.8
5586	380.0	-920.0	4.0	0.0	37.4	37.0
5587	400.0	-920.0	4.0	0.0	37.6	37.2
5588	420.0	-920.0	4.0	0.0	37.8	37.4
5589	440.0	-920.0	4.0	0.0	38.0	37.6
5590	460.0	-920.0	4.0	0.0	37.9	37.4
5591	480.0	-920.0	4.0	0.0	37.9	37.4
5592	500.0	-920.0	4.0	0.0	37.3	36.6
5593	520.0	-920.0	4.0	0.0	37.4	36.8
5594	540.0	-920.0	4.0	0.0	37.7	37.0
5595	560.0	-920.0	4.0	0.0	37.9	37.2
5596	580.0	-920.0	4.0	0.0	37.6	36.4
5597	600.0	-920.0	4.0	0.0	37.8	36.5
5598	620.0	-920.0	4.0	0.0	36.9	35.3
5599	640.0	-920.0	4.0	0.0	36.7	35.5
5600	660.0	-920.0	4.0	0.0	36.5	35.4
5601	680.0	-920.0	4.0	0.0	36.1	34.9
5602	700.0	-920.0	4.0	0.0	34.8	33.5
5603	720.0	-920.0	4.0	0.0	33.6	33.0
5604	740.0	-920.0	4.0	0.0	33.4	33.0

5605	760.0	-920.0	4.0	0.0	32.4	31.9
5606	780.0	-920.0	4.0	0.0	30.9	30.1
5607	800.0	-920.0	4.0	0.0	30.4	29.5
5608	820.0	-920.0	4.0	0.0	29.9	29.0
5609	840.0	-920.0	4.0	0.0	28.4	27.0
5610	860.0	-920.0	4.0	0.0	28.6	27.1
5611	880.0	-920.0	4.0	0.0	28.7	27.3
5612	900.0	-920.0	4.0	0.0	31.8	31.1
5613	920.0	-920.0	4.0	0.0	28.9	27.4
5614	940.0	-920.0	4.0	0.0	29.0	27.5
5615	960.0	-920.0	4.0	0.0	29.2	27.7
5616	980.0	-920.0	4.0	0.0	29.5	28.0
5617	1000.0	-920.0	4.0	0.0	32.3	31.5
5618	1020.0	-920.0	4.0	0.0	33.4	32.4
5619	1040.0	-920.0	4.0	0.0	29.4	27.8
5620	1060.0	-920.0	4.0	0.0	29.2	27.5
5621	1080.0	-920.0	4.0	0.0	29.1	27.4
5622	1100.0	-920.0	4.0	0.0	30.8	28.1
5623	1120.0	-920.0	4.0	0.0	31.1	28.0
5624	1140.0	-920.0	4.0	0.0	29.8	28.2
5625	1160.0	-920.0	4.0	0.0	32.4	28.2
5626	1180.0	-920.0	4.0	0.0	34.1	30.5
5627	1200.0	-920.0	4.0	0.0	33.7	33.3
5628	1220.0	-920.0	4.0	0.0	33.4	33.0
5629	1240.0	-920.0	4.0	0.0	28.5	26.9
5630	1260.0	-920.0	4.0	0.0	28.8	27.2
5631	1280.0	-920.0	4.0	0.0	29.4	27.5
5632	1300.0	-920.0	4.0	0.0	28.5	27.2
5633	1320.0	-920.0	4.0	0.0	28.0	26.5
5634	1340.0	-920.0	4.0	0.0	28.0	26.6
5635	1360.0	-920.0	4.0	0.0	27.9	26.6
5636	1380.0	-920.0	4.0	0.0	27.6	26.1
5637	1400.0	-920.0	4.0	0.0	28.9	27.2
5638	1420.0	-920.0	4.0	0.0	30.7	28.8
5639	1440.0	-920.0	4.0	0.0	26.3	24.7
5640	1460.0	-920.0	4.0	0.0	26.1	24.5
5641	1480.0	-920.0	4.0	0.0	25.9	24.4
5642	1500.0	-920.0	4.0	0.0	25.7	24.2
5643	1520.0	-920.0	4.0	0.0	25.6	24.1
5644	1540.0	-920.0	4.0	0.0	25.4	24.0
5645	1560.0	-920.0	4.0	0.0	25.4	24.1
5646	1580.0	-920.0	4.0	0.0	25.6	24.4
5647	1600.0	-920.0	4.0	0.0	26.0	25.0
5648	1620.0	-920.0	4.0	0.0	25.9	25.0
5649	1640.0	-920.0	4.0	0.0	26.0	25.2
5650	1660.0	-920.0	4.0	0.0	25.9	25.0
5651	1680.0	-920.0	4.0	0.0	25.8	24.9
5652	1700.0	-920.0	4.0	0.0	25.9	25.1
5653	1720.0	-920.0	4.0	0.0	26.3	25.2
5654	1740.0	-920.0	4.0	0.0	26.3	25.2
5655	1760.0	-920.0	4.0	0.0	26.4	25.3
5656	1780.0	-920.0	4.0	0.0	26.2	25.1
5657	1800.0	-920.0	4.0	0.0	26.0	25.0
5658	1820.0	-920.0	4.0	0.0	25.8	24.8
5659	1840.0	-920.0	4.0	0.0	25.6	24.6
5660	1860.0	-920.0	4.0	0.0	25.4	24.4
5661	1880.0	-920.0	4.0	0.0	25.2	24.2
5662	1900.0	-920.0	4.0	0.0	25.0	24.0
5663	1920.0	-920.0	4.0	0.0	24.8	23.8
5664	1940.0	-920.0	4.0	0.0	24.6	23.6
5665	1960.0	-920.0	4.0	0.0	24.3	23.3
5666	1980.0	-920.0	4.0	0.0	24.1	23.1
5667	2000.0	-920.0	4.0	0.0	24.0	23.0
5668	2020.0	-920.0	4.0	0.0	23.8	22.8
5669	2040.0	-920.0	4.0	0.0	23.6	22.6
5670	2060.0	-920.0	4.0	0.0	23.4	22.5
5671	2080.0	-920.0	4.0	0.0	23.3	22.3
5672	2100.0	-920.0	4.0	0.0	23.1	22.1
5673	2120.0	-920.0	4.0	0.0	22.9	21.9
5674	2140.0	-920.0	4.0	0.0	22.8	21.8
5675	2160.0	-920.0	4.0	0.0	22.6	21.6
5676	2180.0	-920.0	4.0	0.0	22.4	21.5
5677	2200.0	-920.0	4.0	0.0	22.3	21.3
5678	2220.0	-920.0	4.0	0.0	22.1	21.1
5679	2240.0	-920.0	4.0	0.0	21.9	21.0
5680	2260.0	-920.0	4.0	0.0	21.8	20.8
5681	2280.0	-920.0	4.0	0.0	21.6	20.7
5682	2300.0	-920.0	4.0	0.0	21.5	20.5
5683	2320.0	-920.0	4.0	0.0	21.3	20.4
5684	2340.0	-920.0	4.0	0.0	21.2	20.2
5685	2360.0	-920.0	4.0	0.0	21.0	20.1
5686	2380.0	-920.0	4.0	0.0	20.9	19.9
5687	2400.0	-920.0	4.0	0.0	20.7	19.8
5688	0.0	-940.0	4.0	0.0	33.4	33.3
5689	20.0	-940.0	4.0	0.0	33.6	33.5

5690	40.0	-940.0	4.0	0.0	33.7	33.7
5691	60.0	-940.0	4.0	0.0	33.9	33.9
5692	80.0	-940.0	4.0	0.0	34.1	34.0
5693	100.0	-940.0	4.0	0.0	34.3	34.2
5694	120.0	-940.0	4.0	0.0	34.5	34.4
5695	140.0	-940.0	4.0	0.0	34.6	34.6
5696	160.0	-940.0	4.0	0.0	34.8	34.7
5697	180.0	-940.0	4.0	0.0	35.0	34.9
5698	200.0	-940.0	4.0	0.0	35.2	35.1
5699	220.0	-940.0	4.0	0.0	35.4	35.3
5700	240.0	-940.0	4.0	0.0	35.6	35.5
5701	260.0	-940.0	4.0	0.0	35.8	35.7
5702	280.0	-940.0	4.0	0.0	36.0	35.9
5703	300.0	-940.0	4.0	0.0	36.2	36.1
5704	320.0	-940.0	4.0	0.0	36.6	36.3
5705	340.0	-940.0	4.0	0.0	36.8	36.5
5706	360.0	-940.0	4.0	0.0	37.0	36.7
5707	380.0	-940.0	4.0	0.0	37.2	36.9
5708	400.0	-940.0	4.0	0.0	37.4	37.0
5709	420.0	-940.0	4.0	0.0	37.6	37.3
5710	440.0	-940.0	4.0	0.0	37.9	37.5
5711	460.0	-940.0	4.0	0.0	37.7	37.2
5712	480.0	-940.0	4.0	0.0	37.8	37.3
5713	500.0	-940.0	4.0	0.0	37.1	36.4
5714	520.0	-940.0	4.0	0.0	37.3	36.6
5715	540.0	-940.0	4.0	0.0	37.4	36.8
5716	560.0	-940.0	4.0	0.0	38.0	37.0
5717	580.0	-940.0	4.0	0.0	37.4	36.1
5718	600.0	-940.0	4.0	0.0	37.4	36.2
5719	620.0	-940.0	4.0	0.0	36.3	35.1
5720	640.0	-940.0	4.0	0.0	36.1	35.1
5721	660.0	-940.0	4.0	0.0	35.7	34.5
5722	680.0	-940.0	4.0	0.0	35.0	33.8
5723	700.0	-940.0	4.0	0.0	33.3	32.8
5724	720.0	-940.0	4.0	0.0	33.0	32.6
5725	740.0	-940.0	4.0	0.0	33.1	32.7
5726	760.0	-940.0	4.0	0.0	32.1	31.6
5727	780.0	-940.0	4.0	0.0	30.3	29.5
5728	800.0	-940.0	4.0	0.0	29.7	28.9
5729	820.0	-940.0	4.0	0.0	29.7	28.8
5730	840.0	-940.0	4.0	0.0	30.8	30.0
5731	860.0	-940.0	4.0	0.0	32.2	31.6
5732	880.0	-940.0	4.0	0.0	33.2	32.7
5733	900.0	-940.0	4.0	0.0	30.7	29.8
5734	920.0	-940.0	4.0	0.0	28.5	27.0
5735	940.0	-940.0	4.0	0.0	28.6	27.1
5736	960.0	-940.0	4.0	0.0	28.8	27.3
5737	980.0	-940.0	4.0	0.0	31.2	30.4
5738	1000.0	-940.0	4.0	0.0	32.0	31.1
5739	1020.0	-940.0	4.0	0.0	33.0	32.0
5740	1040.0	-940.0	4.0	0.0	29.6	28.3
5741	1060.0	-940.0	4.0	0.0	29.4	28.1
5742	1080.0	-940.0	4.0	0.0	29.4	28.1
5743	1100.0	-940.0	4.0	0.0	30.4	27.7
5744	1120.0	-940.0	4.0	0.0	30.7	27.7
5745	1140.0	-940.0	4.0	0.0	29.4	27.8
5746	1160.0	-940.0	4.0	0.0	31.9	28.0
5747	1180.0	-940.0	4.0	0.0	33.2	29.5
5748	1200.0	-940.0	4.0	0.0	32.4	31.9
5749	1220.0	-940.0	4.0	0.0	31.6	31.0
5750	1240.0	-940.0	4.0	0.0	28.2	26.7
5751	1260.0	-940.0	4.0	0.0	28.4	27.0
5752	1280.0	-940.0	4.0	0.0	28.8	27.1
5753	1300.0	-940.0	4.0	0.0	29.3	26.5
5754	1320.0	-940.0	4.0	0.0	27.7	26.2
5755	1340.0	-940.0	4.0	0.0	27.6	26.3
5756	1360.0	-940.0	4.0	0.0	27.7	26.5
5757	1380.0	-940.0	4.0	0.0	27.2	25.8
5758	1400.0	-940.0	4.0	0.0	27.5	25.9
5759	1420.0	-940.0	4.0	0.0	28.6	26.6
5760	1440.0	-940.0	4.0	0.0	30.6	28.7
5761	1460.0	-940.0	4.0	0.0	25.9	24.3
5762	1480.0	-940.0	4.0	0.0	25.7	24.2
5763	1500.0	-940.0	4.0	0.0	25.6	24.1
5764	1520.0	-940.0	4.0	0.0	25.4	24.0
5765	1540.0	-940.0	4.0	0.0	25.3	23.9
5766	1560.0	-940.0	4.0	0.0	25.3	24.0
5767	1580.0	-940.0	4.0	0.0	25.4	24.2
5768	1600.0	-940.0	4.0	0.0	25.8	24.8
5769	1620.0	-940.0	4.0	0.0	25.7	24.7
5770	1640.0	-940.0	4.0	0.0	25.9	25.0
5771	1660.0	-940.0	4.0	0.0	25.7	24.8
5772	1680.0	-940.0	4.0	0.0	25.6	24.8
5773	1700.0	-940.0	4.0	0.0	25.8	25.0
5774	1720.0	-940.0	4.0	0.0	25.8	25.1

5775	1740.0	-940.0	4.0	0.0	26.1	25.1
5776	1760.0	-940.0	4.0	0.0	26.2	25.2
5777	1780.0	-940.0	4.0	0.0	26.0	25.0
5778	1800.0	-940.0	4.0	0.0	25.8	24.8
5779	1820.0	-940.0	4.0	0.0	25.6	24.7
5780	1840.0	-940.0	4.0	0.0	25.5	24.5
5781	1860.0	-940.0	4.0	0.0	25.3	24.3
5782	1880.0	-940.0	4.0	0.0	25.1	24.1
5783	1900.0	-940.0	4.0	0.0	24.9	23.9
5784	1920.0	-940.0	4.0	0.0	24.7	23.7
5785	1940.0	-940.0	4.0	0.0	24.4	23.4
5786	1960.0	-940.0	4.0	0.0	24.2	23.2
5787	1980.0	-940.0	4.0	0.0	24.1	23.1
5788	2000.0	-940.0	4.0	0.0	23.9	22.9
5789	2020.0	-940.0	4.0	0.0	23.7	22.7
5790	2040.0	-940.0	4.0	0.0	23.5	22.5
5791	2060.0	-940.0	4.0	0.0	23.4	22.4
5792	2080.0	-940.0	4.0	0.0	23.2	22.2
5793	2100.0	-940.0	4.0	0.0	23.0	22.0
5794	2120.0	-940.0	4.0	0.0	22.9	21.9
5795	2140.0	-940.0	4.0	0.0	22.7	21.7
5796	2160.0	-940.0	4.0	0.0	22.5	21.6
5797	2180.0	-940.0	4.0	0.0	22.4	21.4
5798	2200.0	-940.0	4.0	0.0	22.2	21.2
5799	2220.0	-940.0	4.0	0.0	22.0	21.1
5800	2240.0	-940.0	4.0	0.0	21.9	20.9
5801	2260.0	-940.0	4.0	0.0	21.7	20.8
5802	2280.0	-940.0	4.0	0.0	21.6	20.6
5803	2300.0	-940.0	4.0	0.0	21.4	20.5
5804	2320.0	-940.0	4.0	0.0	21.3	20.3
5805	2340.0	-940.0	4.0	0.0	21.1	20.2
5806	2360.0	-940.0	4.0	0.0	21.0	20.0
5807	2380.0	-940.0	4.0	0.0	20.8	19.9
5808	2400.0	-940.0	4.0	0.0	20.6	19.7
5809	0.0	-960.0	4.0	0.0	33.3	33.3
5810	20.0	-960.0	4.0	0.0	33.5	33.4
5811	40.0	-960.0	4.0	0.0	33.7	33.6
5812	60.0	-960.0	4.0	0.0	33.8	33.8
5813	80.0	-960.0	4.0	0.0	34.0	33.9
5814	100.0	-960.0	4.0	0.0	34.2	34.1
5815	120.0	-960.0	4.0	0.0	34.4	34.3
5816	140.0	-960.0	4.0	0.0	34.6	34.5
5817	160.0	-960.0	4.0	0.0	34.7	34.6
5818	180.0	-960.0	4.0	0.0	34.9	34.8
5819	200.0	-960.0	4.0	0.0	35.1	35.0
5820	220.0	-960.0	4.0	0.0	35.3	35.2
5821	240.0	-960.0	4.0	0.0	35.5	35.4
5822	260.0	-960.0	4.0	0.0	35.7	35.6
5823	280.0	-960.0	4.0	0.0	36.1	35.8
5824	300.0	-960.0	4.0	0.0	36.3	35.9
5825	320.0	-960.0	4.0	0.0	36.5	36.1
5826	340.0	-960.0	4.0	0.0	36.7	36.3
5827	360.0	-960.0	4.0	0.0	36.9	36.5
5828	380.0	-960.0	4.0	0.0	37.1	36.7
5829	400.0	-960.0	4.0	0.0	37.3	36.9
5830	420.0	-960.0	4.0	0.0	37.5	37.1
5831	440.0	-960.0	4.0	0.0	37.7	37.3
5832	460.0	-960.0	4.0	0.0	37.5	37.0
5833	480.0	-960.0	4.0	0.0	37.6	37.1
5834	500.0	-960.0	4.0	0.0	36.9	36.2
5835	520.0	-960.0	4.0	0.0	37.1	36.4
5836	540.0	-960.0	4.0	0.0	37.6	36.6
5837	560.0	-960.0	4.0	0.0	37.8	36.7
5838	580.0	-960.0	4.0	0.0	37.0	35.9
5839	600.0	-960.0	4.0	0.0	36.9	36.0
5840	620.0	-960.0	4.0	0.0	35.8	34.7
5841	640.0	-960.0	4.0	0.0	35.5	34.4
5842	660.0	-960.0	4.0	0.0	34.6	33.5
5843	680.0	-960.0	4.0	0.0	33.5	33.0
5844	700.0	-960.0	4.0	0.0	32.7	32.2
5845	720.0	-960.0	4.0	0.0	32.6	32.2
5846	740.0	-960.0	4.0	0.0	31.6	31.1
5847	760.0	-960.0	4.0	0.0	30.3	29.5
5848	780.0	-960.0	4.0	0.0	29.6	28.8
5849	800.0	-960.0	4.0	0.0	29.2	28.2
5850	820.0	-960.0	4.0	0.0	29.6	28.7
5851	840.0	-960.0	4.0	0.0	31.0	30.3
5852	860.0	-960.0	4.0	0.0	32.1	31.6
5853	880.0	-960.0	4.0	0.0	33.0	32.5
5854	900.0	-960.0	4.0	0.0	29.6	28.6
5855	920.0	-960.0	4.0	0.0	28.1	26.6
5856	940.0	-960.0	4.0	0.0	28.2	26.7
5857	960.0	-960.0	4.0	0.0	28.4	26.9
5858	980.0	-960.0	4.0	0.0	30.9	30.1
5859	1000.0	-960.0	4.0	0.0	31.6	30.7

5860	1020.0	-960.0	4.0	0.0	32.4	31.5
5861	1040.0	-960.0	4.0	0.0	29.2	28.0
5862	1060.0	-960.0	4.0	0.0	29.0	27.6
5863	1080.0	-960.0	4.0	0.0	29.0	27.6
5864	1100.0	-960.0	4.0	0.0	30.0	27.3
5865	1120.0	-960.0	4.0	0.0	30.3	27.3
5866	1140.0	-960.0	4.0	0.0	28.8	27.2
5867	1160.0	-960.0	4.0	0.0	31.4	27.7
5868	1180.0	-960.0	4.0	0.0	32.1	27.8
5869	1200.0	-960.0	4.0	0.0	34.1	30.7
5870	1220.0	-960.0	4.0	0.0	33.4	33.0
5871	1240.0	-960.0	4.0	0.0	32.8	32.3
5872	1260.0	-960.0	4.0	0.0	28.2	26.8
5873	1280.0	-960.0	4.0	0.0	28.3	26.7
5874	1300.0	-960.0	4.0	0.0	28.3	26.1
5875	1320.0	-960.0	4.0	0.0	27.9	26.6
5876	1340.0	-960.0	4.0	0.0	27.3	26.0
5877	1360.0	-960.0	4.0	0.0	27.4	26.1
5878	1380.0	-960.0	4.0	0.0	26.9	25.6
5879	1400.0	-960.0	4.0	0.0	26.9	25.6
5880	1420.0	-960.0	4.0	0.0	27.0	25.1
5881	1440.0	-960.0	4.0	0.0	28.6	26.6
5882	1460.0	-960.0	4.0	0.0	25.6	24.1
5883	1480.0	-960.0	4.0	0.0	25.5	24.0
5884	1500.0	-960.0	4.0	0.0	25.4	23.9
5885	1520.0	-960.0	4.0	0.0	25.2	23.8
5886	1540.0	-960.0	4.0	0.0	25.1	23.7
5887	1560.0	-960.0	4.0	0.0	25.1	23.8
5888	1580.0	-960.0	4.0	0.0	25.1	23.9
5889	1600.0	-960.0	4.0	0.0	25.5	24.5
5890	1620.0	-960.0	4.0	0.0	25.4	24.4
5891	1640.0	-960.0	4.0	0.0	25.7	24.8
5892	1660.0	-960.0	4.0	0.0	25.6	24.7
5893	1680.0	-960.0	4.0	0.0	25.5	24.7
5894	1700.0	-960.0	4.0	0.0	25.6	24.9
5895	1720.0	-960.0	4.0	0.0	25.7	25.0
5896	1740.0	-960.0	4.0	0.0	25.6	24.9
5897	1760.0	-960.0	4.0	0.0	25.7	25.1
5898	1780.0	-960.0	4.0	0.0	25.9	24.9
5899	1800.0	-960.0	4.0	0.0	25.7	24.7
5900	1820.0	-960.0	4.0	0.0	25.5	24.5
5901	1840.0	-960.0	4.0	0.0	25.3	24.4
5902	1860.0	-960.0	4.0	0.0	25.2	24.2
5903	1880.0	-960.0	4.0	0.0	25.0	24.0
5904	1900.0	-960.0	4.0	0.0	24.8	23.8
5905	1920.0	-960.0	4.0	0.0	24.6	23.6
5906	1940.0	-960.0	4.0	0.0	24.3	23.3
5907	1960.0	-960.0	4.0	0.0	24.1	23.1
5908	1980.0	-960.0	4.0	0.0	24.0	23.0
5909	2000.0	-960.0	4.0	0.0	23.8	22.8
5910	2020.0	-960.0	4.0	0.0	23.6	22.6
5911	2040.0	-960.0	4.0	0.0	23.4	22.5
5912	2060.0	-960.0	4.0	0.0	23.3	22.3
5913	2080.0	-960.0	4.0	0.0	23.1	22.1
5914	2100.0	-960.0	4.0	0.0	22.9	22.0
5915	2120.0	-960.0	4.0	0.0	22.8	21.8
5916	2140.0	-960.0	4.0	0.0	22.6	21.6
5917	2160.0	-960.0	4.0	0.0	22.5	21.5
5918	2180.0	-960.0	4.0	0.0	22.3	21.3
5919	2200.0	-960.0	4.0	0.0	22.1	21.2
5920	2220.0	-960.0	4.0	0.0	22.0	21.0
5921	2240.0	-960.0	4.0	0.0	21.8	20.9
5922	2260.0	-960.0	4.0	0.0	21.7	20.7
5923	2280.0	-960.0	4.0	0.0	21.5	20.6
5924	2300.0	-960.0	4.0	0.0	21.4	20.4
5925	2320.0	-960.0	4.0	0.0	21.2	20.3
5926	2340.0	-960.0	4.0	0.0	21.1	20.1
5927	2360.0	-960.0	4.0	0.0	20.9	20.0
5928	2380.0	-960.0	4.0	0.0	20.7	19.8
5929	2400.0	-960.0	4.0	0.0	20.6	19.7
5930	0.0	-980.0	4.0	0.0	33.2	33.2
5931	20.0	-980.0	4.0	0.0	33.4	33.3
5932	40.0	-980.0	4.0	0.0	33.6	33.5
5933	60.0	-980.0	4.0	0.0	33.8	33.7
5934	80.0	-980.0	4.0	0.0	33.9	33.8
5935	100.0	-980.0	4.0	0.0	34.1	34.0
5936	120.0	-980.0	4.0	0.0	34.3	34.2
5937	140.0	-980.0	4.0	0.0	34.5	34.3
5938	160.0	-980.0	4.0	0.0	34.7	34.5
5939	180.0	-980.0	4.0	0.0	34.9	34.7
5940	200.0	-980.0	4.0	0.0	35.0	34.9
5941	220.0	-980.0	4.0	0.0	35.2	35.1
5942	240.0	-980.0	4.0	0.0	35.6	35.2
5943	260.0	-980.0	4.0	0.0	35.8	35.4
5944	280.0	-980.0	4.0	0.0	36.0	35.6



5945	300.0	-980.0	4.0	0.0	36.2	35.8
5946	320.0	-980.0	4.0	0.0	36.4	36.0
5947	340.0	-980.0	4.0	0.0	36.6	36.2
5948	360.0	-980.0	4.0	0.0	36.7	36.3
5949	380.0	-980.0	4.0	0.0	36.9	36.5
5950	400.0	-980.0	4.0	0.0	37.1	36.7
5951	420.0	-980.0	4.0	0.0	37.4	36.9
5952	440.0	-980.0	4.0	0.0	37.6	37.1
5953	460.0	-980.0	4.0	0.0	37.4	36.9
5954	480.0	-980.0	4.0	0.0	37.4	36.9
5955	500.0	-980.0	4.0	0.0	36.7	36.0
5956	520.0	-980.0	4.0	0.0	37.2	36.2
5957	540.0	-980.0	4.0	0.0	37.4	36.4
5958	560.0	-980.0	4.0	0.0	37.4	36.5
5959	580.0	-980.0	4.0	0.0	36.5	35.7
5960	600.0	-980.0	4.0	0.0	36.5	35.7
5961	620.0	-980.0	4.0	0.0	35.2	34.1
5962	640.0	-980.0	4.0	0.0	34.5	33.5
5963	660.0	-980.0	4.0	0.0	33.1	32.6
5964	680.0	-980.0	4.0	0.0	32.8	32.4
5965	700.0	-980.0	4.0	0.0	32.2	31.8
5966	720.0	-980.0	4.0	0.0	31.7	31.3
5967	740.0	-980.0	4.0	0.0	31.3	30.8
5968	760.0	-980.0	4.0	0.0	29.6	28.8
5969	780.0	-980.0	4.0	0.0	29.0	28.1
5970	800.0	-980.0	4.0	0.0	28.9	27.9
5971	820.0	-980.0	4.0	0.0	29.5	28.7
5972	840.0	-980.0	4.0	0.0	30.9	30.2
5973	860.0	-980.0	4.0	0.0	32.0	31.5
5974	880.0	-980.0	4.0	0.0	32.1	31.6
5975	900.0	-980.0	4.0	0.0	28.5	27.4
5976	920.0	-980.0	4.0	0.0	27.7	26.2
5977	940.0	-980.0	4.0	0.0	27.8	26.4
5978	960.0	-980.0	4.0	0.0	28.0	26.5
5979	980.0	-980.0	4.0	0.0	30.6	29.8
5980	1000.0	-980.0	4.0	0.0	31.3	30.3
5981	1020.0	-980.0	4.0	0.0	32.0	31.1
5982	1040.0	-980.0	4.0	0.0	28.9	27.6
5983	1060.0	-980.0	4.0	0.0	28.5	27.1
5984	1080.0	-980.0	4.0	0.0	28.6	27.3
5985	1100.0	-980.0	4.0	0.0	29.7	27.1
5986	1120.0	-980.0	4.0	0.0	29.9	26.9
5987	1140.0	-980.0	4.0	0.0	28.4	26.8
5988	1160.0	-980.0	4.0	0.0	30.9	27.3
5989	1180.0	-980.0	4.0	0.0	31.5	27.5
5990	1200.0	-980.0	4.0	0.0	32.9	29.2
5991	1220.0	-980.0	4.0	0.0	32.2	31.7
5992	1240.0	-980.0	4.0	0.0	31.0	30.4
5993	1260.0	-980.0	4.0	0.0	30.7	29.3
5994	1280.0	-980.0	4.0	0.0	30.6	29.4
5995	1300.0	-980.0	4.0	0.0	30.1	28.5
5996	1320.0	-980.0	4.0	0.0	30.6	28.3
5997	1340.0	-980.0	4.0	0.0	28.2	26.9
5998	1360.0	-980.0	4.0	0.0	27.6	26.4
5999	1380.0	-980.0	4.0	0.0	26.6	25.2
6000	1400.0	-980.0	4.0	0.0	26.7	25.4
6001	1420.0	-980.0	4.0	0.0	26.2	24.6
6002	1440.0	-980.0	4.0	0.0	27.0	25.1
6003	1460.0	-980.0	4.0	0.0	28.7	26.6
6004	1480.0	-980.0	4.0	0.0	25.3	23.8
6005	1500.0	-980.0	4.0	0.0	25.2	23.7
6006	1520.0	-980.0	4.0	0.0	25.1	23.7
6007	1540.0	-980.0	4.0	0.0	25.0	23.6
6008	1560.0	-980.0	4.0	0.0	24.9	23.6
6009	1580.0	-980.0	4.0	0.0	24.9	23.7
6010	1600.0	-980.0	4.0	0.0	25.3	24.3
6011	1620.0	-980.0	4.0	0.0	25.3	24.3
6012	1640.0	-980.0	4.0	0.0	25.5	24.6
6013	1660.0	-980.0	4.0	0.0	25.4	24.6
6014	1680.0	-980.0	4.0	0.0	25.4	24.5
6015	1700.0	-980.0	4.0	0.0	25.5	24.7
6016	1720.0	-980.0	4.0	0.0	25.5	24.8
6017	1740.0	-980.0	4.0	0.0	25.5	24.8
6018	1760.0	-980.0	4.0	0.0	25.6	25.0
6019	1780.0	-980.0	4.0	0.0	25.4	24.8
6020	1800.0	-980.0	4.0	0.0	25.2	24.6
6021	1820.0	-980.0	4.0	0.0	25.4	24.4
6022	1840.0	-980.0	4.0	0.0	25.2	24.2
6023	1860.0	-980.0	4.0	0.0	25.1	24.1
6024	1880.0	-980.0	4.0	0.0	24.9	23.9
6025	1900.0	-980.0	4.0	0.0	24.6	23.6
6026	1920.0	-980.0	4.0	0.0	24.4	23.4
6027	1940.0	-980.0	4.0	0.0	24.2	23.2
6028	1960.0	-980.0	4.0	0.0	24.0	23.0
6029	1980.0	-980.0	4.0	0.0	23.9	22.9

6030	2000.0	-980.0	4.0	0.0	23.7	22.7
6031	2020.0	-980.0	4.0	0.0	23.5	22.5
6032	2040.0	-980.0	4.0	0.0	23.4	22.4
6033	2060.0	-980.0	4.0	0.0	23.2	22.2
6034	2080.0	-980.0	4.0	0.0	23.0	22.0
6035	2100.0	-980.0	4.0	0.0	22.9	21.9
6036	2120.0	-980.0	4.0	0.0	22.7	21.7
6037	2140.0	-980.0	4.0	0.0	22.5	21.6
6038	2160.0	-980.0	4.0	0.0	22.4	21.4
6039	2180.0	-980.0	4.0	0.0	22.2	21.3
6040	2200.0	-980.0	4.0	0.0	22.1	21.1
6041	2220.0	-980.0	4.0	0.0	21.9	20.9
6042	2240.0	-980.0	4.0	0.0	21.8	20.8
6043	2260.0	-980.0	4.0	0.0	21.6	20.6
6044	2280.0	-980.0	4.0	0.0	21.5	20.5
6045	2300.0	-980.0	4.0	0.0	21.3	20.3
6046	2320.0	-980.0	4.0	0.0	21.2	20.2
6047	2340.0	-980.0	4.0	0.0	21.0	20.0
6048	2360.0	-980.0	4.0	0.0	20.9	19.9
6049	2380.0	-980.0	4.0	0.0	20.7	19.8
6050	2400.0	-980.0	4.0	0.0	20.5	19.6
6051	0.0	-1000.0	4.0	0.0	33.2	33.1
6052	20.0	-1000.0	4.0	0.0	33.3	33.2
6053	40.0	-1000.0	4.0	0.0	33.5	33.4
6054	60.0	-1000.0	4.0	0.0	33.7	33.6
6055	80.0	-1000.0	4.0	0.0	33.8	33.7
6056	100.0	-1000.0	4.0	0.0	34.0	33.9
6057	120.0	-1000.0	4.0	0.0	34.2	34.1
6058	140.0	-1000.0	4.0	0.0	34.4	34.2
6059	160.0	-1000.0	4.0	0.0	34.6	34.4
6060	180.0	-1000.0	4.0	0.0	34.8	34.6
6061	200.0	-1000.0	4.0	0.0	34.9	34.8
6062	220.0	-1000.0	4.0	0.0	35.3	34.9
6063	240.0	-1000.0	4.0	0.0	35.5	35.1
6064	260.0	-1000.0	4.0	0.0	35.7	35.3
6065	280.0	-1000.0	4.0	0.0	35.9	35.5
6066	300.0	-1000.0	4.0	0.0	36.0	35.7
6067	320.0	-1000.0	4.0	0.0	36.2	35.8
6068	340.0	-1000.0	4.0	0.0	36.4	36.0
6069	360.0	-1000.0	4.0	0.0	36.6	36.2
6070	380.0	-1000.0	4.0	0.0	36.8	36.4
6071	400.0	-1000.0	4.0	0.0	37.0	36.6
6072	420.0	-1000.0	4.0	0.0	37.2	36.7
6073	440.0	-1000.0	4.0	0.0	37.4	36.9
6074	460.0	-1000.0	4.0	0.0	37.2	36.7
6075	480.0	-1000.0	4.0	0.0	37.2	36.7
6076	500.0	-1000.0	4.0	0.0	36.9	35.9
6077	520.0	-1000.0	4.0	0.0	37.0	36.0
6078	540.0	-1000.0	4.0	0.0	37.0	36.1
6079	560.0	-1000.0	4.0	0.0	37.0	36.3
6080	580.0	-1000.0	4.0	0.0	36.2	35.4
6081	600.0	-1000.0	4.0	0.0	36.0	35.2
6082	620.0	-1000.0	4.0	0.0	34.5	33.4
6083	640.0	-1000.0	4.0	0.0	33.0	32.5
6084	660.0	-1000.0	4.0	0.0	32.4	31.9
6085	680.0	-1000.0	4.0	0.0	32.3	31.9
6086	700.0	-1000.0	4.0	0.0	31.8	31.5
6087	720.0	-1000.0	4.0	0.0	30.8	30.3
6088	740.0	-1000.0	4.0	0.0	29.6	28.9
6089	760.0	-1000.0	4.0	0.0	28.9	28.1
6090	780.0	-1000.0	4.0	0.0	28.4	27.5
6091	800.0	-1000.0	4.0	0.0	28.7	27.8
6092	820.0	-1000.0	4.0	0.0	29.6	28.8
6093	840.0	-1000.0	4.0	0.0	30.7	30.1
6094	860.0	-1000.0	4.0	0.0	31.8	31.3
6095	880.0	-1000.0	4.0	0.0	31.1	30.5
6096	900.0	-1000.0	4.0	0.0	27.5	26.1
6097	920.0	-1000.0	4.0	0.0	27.3	25.9
6098	940.0	-1000.0	4.0	0.0	27.5	26.0
6099	960.0	-1000.0	4.0	0.0	27.6	26.2
6100	980.0	-1000.0	4.0	0.0	27.9	26.6
6101	1000.0	-1000.0	4.0	0.0	27.4	25.8
6102	1020.0	-1000.0	4.0	0.0	31.3	30.8
6103	1040.0	-1000.0	4.0	0.0	28.5	27.3
6104	1060.0	-1000.0	4.0	0.0	28.1	26.8
6105	1080.0	-1000.0	4.0	0.0	28.2	26.9
6106	1100.0	-1000.0	4.0	0.0	29.3	26.8
6107	1120.0	-1000.0	4.0	0.0	29.5	26.6
6108	1140.0	-1000.0	4.0	0.0	28.1	26.5
6109	1160.0	-1000.0	4.0	0.0	28.4	27.0
6110	1180.0	-1000.0	4.0	0.0	31.0	27.1
6111	1200.0	-1000.0	4.0	0.0	32.2	28.6
6112	1220.0	-1000.0	4.0	0.0	31.2	30.5
6113	1240.0	-1000.0	4.0	0.0	31.8	31.1
6114	1260.0	-1000.0	4.0	0.0	33.7	33.1

6115	1280.0	-1000.0	4.0	0.0	30.4	29.1
6116	1300.0	-1000.0	4.0	0.0	29.8	28.4
6117	1320.0	-1000.0	4.0	0.0	29.9	28.1
6118	1340.0	-1000.0	4.0	0.0	29.4	28.2
6119	1360.0	-1000.0	4.0	0.0	27.9	26.7
6120	1380.0	-1000.0	4.0	0.0	26.7	25.4
6121	1400.0	-1000.0	4.0	0.0	26.4	25.1
6122	1420.0	-1000.0	4.0	0.0	25.9	24.5
6123	1440.0	-1000.0	4.0	0.0	26.0	24.3
6124	1460.0	-1000.0	4.0	0.0	27.1	25.0
6125	1480.0	-1000.0	4.0	0.0	25.1	23.7
6126	1500.0	-1000.0	4.0	0.0	25.0	23.6
6127	1520.0	-1000.0	4.0	0.0	24.9	23.5
6128	1540.0	-1000.0	4.0	0.0	24.7	23.4
6129	1560.0	-1000.0	4.0	0.0	24.7	23.4
6130	1580.0	-1000.0	4.0	0.0	24.7	23.5
6131	1600.0	-1000.0	4.0	0.0	25.1	24.1
6132	1620.0	-1000.0	4.0	0.0	25.1	24.2
6133	1640.0	-1000.0	4.0	0.0	25.4	24.5
6134	1660.0	-1000.0	4.0	0.0	25.2	24.4
6135	1680.0	-1000.0	4.0	0.0	25.2	24.4
6136	1700.0	-1000.0	4.0	0.0	25.3	24.6
6137	1720.0	-1000.0	4.0	0.0	25.4	24.7
6138	1740.0	-1000.0	4.0	0.0	25.3	24.7
6139	1760.0	-1000.0	4.0	0.0	25.5	24.8
6140	1780.0	-1000.0	4.0	0.0	25.3	24.7
6141	1800.0	-1000.0	4.0	0.0	25.1	24.5
6142	1820.0	-1000.0	4.0	0.0	24.9	24.3
6143	1840.0	-1000.0	4.0	0.0	24.7	24.1
6144	1860.0	-1000.0	4.0	0.0	24.9	24.0
6145	1880.0	-1000.0	4.0	0.0	24.8	23.8
6146	1900.0	-1000.0	4.0	0.0	24.5	23.5
6147	1920.0	-1000.0	4.0	0.0	24.3	23.3
6148	1940.0	-1000.0	4.0	0.0	24.1	23.1
6149	1960.0	-1000.0	4.0	0.0	24.0	22.9
6150	1980.0	-1000.0	4.0	0.0	23.8	22.8
6151	2000.0	-1000.0	4.0	0.0	23.6	22.6
6152	2020.0	-1000.0	4.0	0.0	23.4	22.4
6153	2040.0	-1000.0	4.0	0.0	23.3	22.3
6154	2060.0	-1000.0	4.0	0.0	23.1	22.1
6155	2080.0	-1000.0	4.0	0.0	23.0	22.0
6156	2100.0	-1000.0	4.0	0.0	22.8	21.8
6157	2120.0	-1000.0	4.0	0.0	22.6	21.6
6158	2140.0	-1000.0	4.0	0.0	22.5	21.5
6159	2160.0	-1000.0	4.0	0.0	22.3	21.3
6160	2180.0	-1000.0	4.0	0.0	22.2	21.2
6161	2200.0	-1000.0	4.0	0.0	22.0	21.0
6162	2220.0	-1000.0	4.0	0.0	21.8	20.9
6163	2240.0	-1000.0	4.0	0.0	21.7	20.7
6164	2260.0	-1000.0	4.0	0.0	21.5	20.6
6165	2280.0	-1000.0	4.0	0.0	21.4	20.4
6166	2300.0	-1000.0	4.0	0.0	21.2	20.3
6167	2320.0	-1000.0	4.0	0.0	21.1	20.1
6168	2340.0	-1000.0	4.0	0.0	20.9	20.0
6169	2360.0	-1000.0	4.0	0.0	20.8	19.8
6170	2380.0	-1000.0	4.0	0.0	20.6	19.7
6171	2400.0	-1000.0	4.0	0.0	20.4	19.6
6172	0.0	-1020.0	4.0	0.0	33.1	33.0
6173	20.0	-1020.0	4.0	0.0	33.2	33.1
6174	40.0	-1020.0	4.0	0.0	33.4	33.3
6175	60.0	-1020.0	4.0	0.0	33.6	33.5
6176	80.0	-1020.0	4.0	0.0	33.8	33.6
6177	100.0	-1020.0	4.0	0.0	33.9	33.8
6178	120.0	-1020.0	4.0	0.0	34.1	34.0
6179	140.0	-1020.0	4.0	0.0	34.3	34.1
6180	160.0	-1020.0	4.0	0.0	34.5	34.3
6181	180.0	-1020.0	4.0	0.0	34.8	34.5
6182	200.0	-1020.0	4.0	0.0	35.0	34.6
6183	220.0	-1020.0	4.0	0.0	35.2	34.8
6184	240.0	-1020.0	4.0	0.0	35.4	35.0
6185	260.0	-1020.0	4.0	0.0	35.5	35.2
6186	280.0	-1020.0	4.0	0.0	35.7	35.3
6187	300.0	-1020.0	4.0	0.0	35.9	35.5
6188	320.0	-1020.0	4.0	0.0	36.1	35.7
6189	340.0	-1020.0	4.0	0.0	36.3	35.9
6190	360.0	-1020.0	4.0	0.0	36.5	36.0
6191	380.0	-1020.0	4.0	0.0	36.7	36.2
6192	400.0	-1020.0	4.0	0.0	36.8	36.4
6193	420.0	-1020.0	4.0	0.0	37.0	36.6
6194	440.0	-1020.0	4.0	0.0	37.2	36.7
6195	460.0	-1020.0	4.0	0.0	37.3	36.5
6196	480.0	-1020.0	4.0	0.0	37.3	36.5
6197	500.0	-1020.0	4.0	0.0	36.7	35.7
6198	520.0	-1020.0	4.0	0.0	36.6	35.8
6199	540.0	-1020.0	4.0	0.0	36.6	35.9

6200	560.0	-1020.0	4.0	0.0	36.7	36.1
6201	580.0	-1020.0	4.0	0.0	35.8	35.0
6202	600.0	-1020.0	4.0	0.0	35.5	34.7
6203	620.0	-1020.0	4.0	0.0	33.0	32.5
6204	640.0	-1020.0	4.0	0.0	32.2	31.8
6205	660.0	-1020.0	4.0	0.0	31.7	31.3
6206	680.0	-1020.0	4.0	0.0	31.8	31.5
6207	700.0	-1020.0	4.0	0.0	30.3	29.9
6208	720.0	-1020.0	4.0	0.0	30.6	30.0
6209	740.0	-1020.0	4.0	0.0	28.8	28.1
6210	760.0	-1020.0	4.0	0.0	28.2	27.4
6211	780.0	-1020.0	4.0	0.0	28.0	27.1
6212	800.0	-1020.0	4.0	0.0	28.6	27.7
6213	820.0	-1020.0	4.0	0.0	29.7	29.0
6214	840.0	-1020.0	4.0	0.0	30.7	30.1
6215	860.0	-1020.0	4.0	0.0	31.6	31.1
6216	880.0	-1020.0	4.0	0.0	30.1	29.5
6217	900.0	-1020.0	4.0	0.0	26.9	25.4
6218	920.0	-1020.0	4.0	0.0	27.0	25.5
6219	940.0	-1020.0	4.0	0.0	27.1	25.6
6220	960.0	-1020.0	4.0	0.0	27.2	25.8
6221	980.0	-1020.0	4.0	0.0	27.5	26.2
6222	1000.0	-1020.0	4.0	0.0	27.0	25.4
6223	1020.0	-1020.0	4.0	0.0	27.0	25.4
6224	1040.0	-1020.0	4.0	0.0	27.5	26.0
6225	1060.0	-1020.0	4.0	0.0	27.8	26.5
6226	1080.0	-1020.0	4.0	0.0	27.8	26.5
6227	1100.0	-1020.0	4.0	0.0	29.0	26.5
6228	1120.0	-1020.0	4.0	0.0	29.2	26.3
6229	1140.0	-1020.0	4.0	0.0	28.4	26.2
6230	1160.0	-1020.0	4.0	0.0	28.0	26.6
6231	1180.0	-1020.0	4.0	0.0	30.5	26.8
6232	1200.0	-1020.0	4.0	0.0	31.0	26.7
6233	1220.0	-1020.0	4.0	0.0	32.8	29.3
6234	1240.0	-1020.0	4.0	0.0	32.0	31.5
6235	1260.0	-1020.0	4.0	0.0	31.9	31.1
6236	1280.0	-1020.0	4.0	0.0	30.2	29.0
6237	1300.0	-1020.0	4.0	0.0	29.6	28.2
6238	1320.0	-1020.0	4.0	0.0	29.5	27.9
6239	1340.0	-1020.0	4.0	0.0	30.1	27.8
6240	1360.0	-1020.0	4.0	0.0	28.2	27.0
6241	1380.0	-1020.0	4.0	0.0	26.9	25.5
6242	1400.0	-1020.0	4.0	0.0	26.2	24.9
6243	1420.0	-1020.0	4.0	0.0	25.7	24.3
6244	1440.0	-1020.0	4.0	0.0	25.6	24.2
6245	1460.0	-1020.0	4.0	0.0	25.9	24.0
6246	1480.0	-1020.0	4.0	0.0	27.1	25.1
6247	1500.0	-1020.0	4.0	0.0	24.9	23.5
6248	1520.0	-1020.0	4.0	0.0	24.7	23.3
6249	1540.0	-1020.0	4.0	0.0	24.6	23.2
6250	1560.0	-1020.0	4.0	0.0	24.5	23.2
6251	1580.0	-1020.0	4.0	0.0	24.6	23.4
6252	1600.0	-1020.0	4.0	0.0	25.0	24.0
6253	1620.0	-1020.0	4.0	0.0	25.0	24.1
6254	1640.0	-1020.0	4.0	0.0	25.2	24.3
6255	1660.0	-1020.0	4.0	0.0	25.1	24.2
6256	1680.0	-1020.0	4.0	0.0	25.0	24.2
6257	1700.0	-1020.0	4.0	0.0	25.2	24.4
6258	1720.0	-1020.0	4.0	0.0	25.3	24.6
6259	1740.0	-1020.0	4.0	0.0	25.2	24.5
6260	1760.0	-1020.0	4.0	0.0	25.3	24.7
6261	1780.0	-1020.0	4.0	0.0	25.2	24.5
6262	1800.0	-1020.0	4.0	0.0	25.0	24.4
6263	1820.0	-1020.0	4.0	0.0	24.8	24.2
6264	1840.0	-1020.0	4.0	0.0	24.6	24.0
6265	1860.0	-1020.0	4.0	0.0	24.5	23.8
6266	1880.0	-1020.0	4.0	0.0	24.2	23.6
6267	1900.0	-1020.0	4.0	0.0	24.4	23.4
6268	1920.0	-1020.0	4.0	0.0	24.2	23.2
6269	1940.0	-1020.0	4.0	0.0	24.0	23.0
6270	1960.0	-1020.0	4.0	0.0	23.9	22.8
6271	1980.0	-1020.0	4.0	0.0	23.7	22.7
6272	2000.0	-1020.0	4.0	0.0	23.5	22.5
6273	2020.0	-1020.0	4.0	0.0	23.4	22.4
6274	2040.0	-1020.0	4.0	0.0	23.2	22.2
6275	2060.0	-1020.0	4.0	0.0	23.0	22.0
6276	2080.0	-1020.0	4.0	0.0	22.9	21.9
6277	2100.0	-1020.0	4.0	0.0	22.7	21.7
6278	2120.0	-1020.0	4.0	0.0	22.6	21.6
6279	2140.0	-1020.0	4.0	0.0	22.4	21.4
6280	2160.0	-1020.0	4.0	0.0	22.2	21.3
6281	2180.0	-1020.0	4.0	0.0	22.1	21.1
6282	2200.0	-1020.0	4.0	0.0	21.9	21.0
6283	2220.0	-1020.0	4.0	0.0	21.8	20.8
6284	2240.0	-1020.0	4.0	0.0	21.6	20.7

6285	2260.0	-1020.0	4.0	0.0	21.5	20.5
6286	2280.0	-1020.0	4.0	0.0	21.3	20.4
6287	2300.0	-1020.0	4.0	0.0	21.2	20.2
6288	2320.0	-1020.0	4.0	0.0	21.0	20.1
6289	2340.0	-1020.0	4.0	0.0	20.9	19.9
6290	2360.0	-1020.0	4.0	0.0	20.7	19.8
6291	2380.0	-1020.0	4.0	0.0	20.6	19.6
6292	2400.0	-1020.0	4.0	0.0	20.4	19.5
6293	0.0	-1040.0	4.0	0.0	33.0	32.9
6294	20.0	-1040.0	4.0	0.0	33.2	33.0
6295	40.0	-1040.0	4.0	0.0	33.3	33.2
6296	60.0	-1040.0	4.0	0.0	33.5	33.4
6297	80.0	-1040.0	4.0	0.0	33.7	33.5
6298	100.0	-1040.0	4.0	0.0	33.8	33.7
6299	120.0	-1040.0	4.0	0.0	34.0	33.8
6300	140.0	-1040.0	4.0	0.0	34.4	34.0
6301	160.0	-1040.0	4.0	0.0	34.5	34.2
6302	180.0	-1040.0	4.0	0.0	34.7	34.3
6303	200.0	-1040.0	4.0	0.0	34.9	34.5
6304	220.0	-1040.0	4.0	0.0	35.1	34.7
6305	240.0	-1040.0	4.0	0.0	35.2	34.9
6306	260.0	-1040.0	4.0	0.0	35.4	35.0
6307	280.0	-1040.0	4.0	0.0	35.6	35.2
6308	300.0	-1040.0	4.0	0.0	35.8	35.4
6309	320.0	-1040.0	4.0	0.0	36.0	35.5
6310	340.0	-1040.0	4.0	0.0	36.2	35.7
6311	360.0	-1040.0	4.0	0.0	36.3	35.9
6312	380.0	-1040.0	4.0	0.0	36.5	36.0
6313	400.0	-1040.0	4.0	0.0	36.7	36.2
6314	420.0	-1040.0	4.0	0.0	36.9	36.4
6315	440.0	-1040.0	4.0	0.0	37.3	36.6
6316	460.0	-1040.0	4.0	0.0	37.1	36.3
6317	480.0	-1040.0	4.0	0.0	37.1	36.3
6318	500.0	-1040.0	4.0	0.0	36.3	35.5
6319	520.0	-1040.0	4.0	0.0	36.2	35.6
6320	540.0	-1040.0	4.0	0.0	36.3	35.7
6321	560.0	-1040.0	4.0	0.0	36.4	35.8
6322	580.0	-1040.0	4.0	0.0	35.3	34.5
6323	600.0	-1040.0	4.0	0.0	34.4	34.1
6324	620.0	-1040.0	4.0	0.0	32.1	31.7
6325	640.0	-1040.0	4.0	0.0	31.6	31.2
6326	660.0	-1040.0	4.0	0.0	31.2	30.8
6327	680.0	-1040.0	4.0	0.0	31.3	31.0
6328	700.0	-1040.0	4.0	0.0	30.1	29.6
6329	720.0	-1040.0	4.0	0.0	29.6	29.1
6330	740.0	-1040.0	4.0	0.0	28.2	27.5
6331	760.0	-1040.0	4.0	0.0	27.7	26.9
6332	780.0	-1040.0	4.0	0.0	27.9	26.9
6333	800.0	-1040.0	4.0	0.0	28.5	27.7
6334	820.0	-1040.0	4.0	0.0	29.6	28.9
6335	840.0	-1040.0	4.0	0.0	30.6	30.1
6336	860.0	-1040.0	4.0	0.0	31.3	30.9
6337	880.0	-1040.0	4.0	0.0	29.2	28.4
6338	900.0	-1040.0	4.0	0.0	26.5	25.1
6339	920.0	-1040.0	4.0	0.0	26.6	25.2
6340	940.0	-1040.0	4.0	0.0	26.7	25.2
6341	960.0	-1040.0	4.0	0.0	26.9	25.5
6342	980.0	-1040.0	4.0	0.0	27.2	25.9
6343	1000.0	-1040.0	4.0	0.0	26.7	25.1
6344	1020.0	-1040.0	4.0	0.0	26.7	25.1
6345	1040.0	-1040.0	4.0	0.0	27.2	25.8
6346	1060.0	-1040.0	4.0	0.0	26.9	25.4
6347	1080.0	-1040.0	4.0	0.0	26.8	25.3
6348	1100.0	-1040.0	4.0	0.0	28.6	26.1
6349	1120.0	-1040.0	4.0	0.0	28.8	26.0
6350	1140.0	-1040.0	4.0	0.0	28.1	25.9
6351	1160.0	-1040.0	4.0	0.0	27.6	26.2
6352	1180.0	-1040.0	4.0	0.0	29.9	26.4
6353	1200.0	-1040.0	4.0	0.0	30.6	26.7
6354	1220.0	-1040.0	4.0	0.0	31.9	28.2
6355	1240.0	-1040.0	4.0	0.0	31.0	30.4
6356	1260.0	-1040.0	4.0	0.0	31.5	30.8
6357	1280.0	-1040.0	4.0	0.0	32.6	32.0
6358	1300.0	-1040.0	4.0	0.0	29.5	28.2
6359	1320.0	-1040.0	4.0	0.0	29.3	27.9
6360	1340.0	-1040.0	4.0	0.0	29.6	27.8
6361	1360.0	-1040.0	4.0	0.0	29.1	28.0
6362	1380.0	-1040.0	4.0	0.0	27.1	25.9
6363	1400.0	-1040.0	4.0	0.0	26.6	25.5
6364	1420.0	-1040.0	4.0	0.0	25.6	24.3
6365	1440.0	-1040.0	4.0	0.0	25.5	24.2
6366	1460.0	-1040.0	4.0	0.0	25.5	24.1
6367	1480.0	-1040.0	4.0	0.0	25.9	24.0
6368	1500.0	-1040.0	4.0	0.0	26.8	25.0
6369	1520.0	-1040.0	4.0	0.0	25.1	23.6

6370	1540.0	-1040.0	4.0	0.0	24.5	23.2
6371	1560.0	-1040.0	4.0	0.0	24.5	23.2
6372	1580.0	-1040.0	4.0	0.0	24.6	23.4
6373	1600.0	-1040.0	4.0	0.0	24.9	23.9
6374	1620.0	-1040.0	4.0	0.0	24.9	24.0
6375	1640.0	-1040.0	4.0	0.0	25.1	24.2
6376	1660.0	-1040.0	4.0	0.0	24.9	24.1
6377	1680.0	-1040.0	4.0	0.0	24.9	24.1
6378	1700.0	-1040.0	4.0	0.0	25.0	24.3
6379	1720.0	-1040.0	4.0	0.0	25.1	24.4
6380	1740.0	-1040.0	4.0	0.0	25.1	24.4
6381	1760.0	-1040.0	4.0	0.0	25.2	24.6
6382	1780.0	-1040.0	4.0	0.0	25.0	24.4
6383	1800.0	-1040.0	4.0	0.0	24.9	24.2
6384	1820.0	-1040.0	4.0	0.0	24.7	24.1
6385	1840.0	-1040.0	4.0	0.0	24.5	23.9
6386	1860.0	-1040.0	4.0	0.0	24.3	23.7
6387	1880.0	-1040.0	4.0	0.0	24.1	23.5
6388	1900.0	-1040.0	4.0	0.0	23.9	23.2
6389	1920.0	-1040.0	4.0	0.0	23.7	23.1
6390	1940.0	-1040.0	4.0	0.0	23.9	22.9
6391	1960.0	-1040.0	4.0	0.0	23.8	22.7
6392	1980.0	-1040.0	4.0	0.0	23.6	22.6
6393	2000.0	-1040.0	4.0	0.0	23.4	22.4
6394	2020.0	-1040.0	4.0	0.0	23.3	22.3
6395	2040.0	-1040.0	4.0	0.0	23.1	22.1
6396	2060.0	-1040.0	4.0	0.0	22.9	22.0
6397	2080.0	-1040.0	4.0	0.0	22.8	21.8
6398	2100.0	-1040.0	4.0	0.0	22.6	21.6
6399	2120.0	-1040.0	4.0	0.0	22.5	21.5
6400	2140.0	-1040.0	4.0	0.0	22.3	21.3
6401	2160.0	-1040.0	4.0	0.0	22.2	21.2
6402	2180.0	-1040.0	4.0	0.0	22.0	21.0
6403	2200.0	-1040.0	4.0	0.0	21.9	20.9
6404	2220.0	-1040.0	4.0	0.0	21.7	20.7
6405	2240.0	-1040.0	4.0	0.0	21.6	20.6
6406	2260.0	-1040.0	4.0	0.0	21.4	20.4
6407	2280.0	-1040.0	4.0	0.0	21.3	20.3
6408	2300.0	-1040.0	4.0	0.0	21.1	20.1
6409	2320.0	-1040.0	4.0	0.0	21.0	20.0
6410	2340.0	-1040.0	4.0	0.0	20.8	19.9
6411	2360.0	-1040.0	4.0	0.0	20.6	19.7
6412	2380.0	-1040.0	4.0	0.0	20.5	19.6
6413	2400.0	-1040.0	4.0	0.0	20.3	19.4
6414	0.0	-1060.0	4.0	0.0	32.9	32.8
6415	20.0	-1060.0	4.0	0.0	33.1	32.9
6416	40.0	-1060.0	4.0	0.0	33.3	33.1
6417	60.0	-1060.0	4.0	0.0	33.4	33.3
6418	80.0	-1060.0	4.0	0.0	33.6	33.4
6419	100.0	-1060.0	4.0	0.0	33.9	33.6
6420	120.0	-1060.0	4.0	0.0	34.1	33.7
6421	140.0	-1060.0	4.0	0.0	34.3	33.9
6422	160.0	-1060.0	4.0	0.0	34.4	34.1
6423	180.0	-1060.0	4.0	0.0	34.6	34.2
6424	200.0	-1060.0	4.0	0.0	34.8	34.4
6425	220.0	-1060.0	4.0	0.0	34.9	34.5
6426	240.0	-1060.0	4.0	0.0	35.1	34.7
6427	260.0	-1060.0	4.0	0.0	35.3	34.9
6428	280.0	-1060.0	4.0	0.0	35.5	35.1
6429	300.0	-1060.0	4.0	0.0	35.7	35.2
6430	320.0	-1060.0	4.0	0.0	35.8	35.4
6431	340.0	-1060.0	4.0	0.0	36.0	35.6
6432	360.0	-1060.0	4.0	0.0	36.2	35.7
6433	380.0	-1060.0	4.0	0.0	36.3	35.9
6434	400.0	-1060.0	4.0	0.0	36.5	36.0
6435	420.0	-1060.0	4.0	0.0	36.9	36.2
6436	440.0	-1060.0	4.0	0.0	37.1	36.4
6437	460.0	-1060.0	4.0	0.0	36.9	36.1
6438	480.0	-1060.0	4.0	0.0	36.8	36.1
6439	500.0	-1060.0	4.0	0.0	35.9	35.3
6440	520.0	-1060.0	4.0	0.0	36.0	35.4
6441	540.0	-1060.0	4.0	0.0	36.0	35.4
6442	560.0	-1060.0	4.0	0.0	35.9	35.3
6443	580.0	-1060.0	4.0	0.0	34.4	34.1
6444	600.0	-1060.0	4.0	0.0	33.5	33.2
6445	620.0	-1060.0	4.0	0.0	31.5	31.1
6446	640.0	-1060.0	4.0	0.0	31.0	30.6
6447	660.0	-1060.0	4.0	0.0	30.8	30.5
6448	680.0	-1060.0	4.0	0.0	29.9	29.4
6449	700.0	-1060.0	4.0	0.0	29.8	29.3
6450	720.0	-1060.0	4.0	0.0	28.2	27.5
6451	740.0	-1060.0	4.0	0.0	27.7	26.9
6452	760.0	-1060.0	4.0	0.0	27.3	26.3
6453	780.0	-1060.0	4.0	0.0	27.7	26.9
6454	800.0	-1060.0	4.0	0.0	28.6	27.8

6455	820.0	-1060.0	4.0	0.0	29.5	28.8
6456	840.0	-1060.0	4.0	0.0	30.5	30.1
6457	860.0	-1060.0	4.0	0.0	30.9	30.4
6458	880.0	-1060.0	4.0	0.0	28.2	27.4
6459	900.0	-1060.0	4.0	0.0	26.2	24.7
6460	920.0	-1060.0	4.0	0.0	26.3	24.8
6461	940.0	-1060.0	4.0	0.0	26.4	24.9
6462	960.0	-1060.0	4.0	0.0	26.6	25.1
6463	980.0	-1060.0	4.0	0.0	26.9	25.5
6464	1000.0	-1060.0	4.0	0.0	26.3	24.8
6465	1020.0	-1060.0	4.0	0.0	26.4	24.8
6466	1040.0	-1060.0	4.0	0.0	26.8	25.5
6467	1060.0	-1060.0	4.0	0.0	26.6	25.1
6468	1080.0	-1060.0	4.0	0.0	26.5	24.9
6469	1100.0	-1060.0	4.0	0.0	28.3	25.8
6470	1120.0	-1060.0	4.0	0.0	28.6	25.8
6471	1140.0	-1060.0	4.0	0.0	27.8	25.6
6472	1160.0	-1060.0	4.0	0.0	27.2	25.8
6473	1180.0	-1060.0	4.0	0.0	29.5	26.1
6474	1200.0	-1060.0	4.0	0.0	30.2	26.6
6475	1220.0	-1060.0	4.0	0.0	31.0	27.2
6476	1240.0	-1060.0	4.0	0.0	30.0	29.3
6477	1260.0	-1060.0	4.0	0.0	32.3	31.8
6478	1280.0	-1060.0	4.0	0.0	31.8	31.1
6479	1300.0	-1060.0	4.0	0.0	29.6	28.4
6480	1320.0	-1060.0	4.0	0.0	29.3	28.1
6481	1340.0	-1060.0	4.0	0.0	29.4	28.0
6482	1360.0	-1060.0	4.0	0.0	29.4	28.1
6483	1380.0	-1060.0	4.0	0.0	28.3	27.3
6484	1400.0	-1060.0	4.0	0.0	27.1	26.0
6485	1420.0	-1060.0	4.0	0.0	26.2	25.2
6486	1440.0	-1060.0	4.0	0.0	25.5	24.3
6487	1460.0	-1060.0	4.0	0.0	25.3	24.2
6488	1480.0	-1060.0	4.0	0.0	25.6	24.2
6489	1500.0	-1060.0	4.0	0.0	26.1	24.3
6490	1520.0	-1060.0	4.0	0.0	26.1	24.5
6491	1540.0	-1060.0	4.0	0.0	24.9	23.7
6492	1560.0	-1060.0	4.0	0.0	24.6	23.5
6493	1580.0	-1060.0	4.0	0.0	24.7	23.6
6494	1600.0	-1060.0	4.0	0.0	24.9	23.9
6495	1620.0	-1060.0	4.0	0.0	24.9	24.0
6496	1640.0	-1060.0	4.0	0.0	24.9	24.0
6497	1660.0	-1060.0	4.0	0.0	24.8	23.9
6498	1680.0	-1060.0	4.0	0.0	24.7	23.9
6499	1700.0	-1060.0	4.0	0.0	24.9	24.1
6500	1720.0	-1060.0	4.0	0.0	25.0	24.3
6501	1740.0	-1060.0	4.0	0.0	24.9	24.2
6502	1760.0	-1060.0	4.0	0.0	25.0	24.4
6503	1780.0	-1060.0	4.0	0.0	24.9	24.3
6504	1800.0	-1060.0	4.0	0.0	24.7	24.1
6505	1820.0	-1060.0	4.0	0.0	24.6	23.9
6506	1840.0	-1060.0	4.0	0.0	24.4	23.8
6507	1860.0	-1060.0	4.0	0.0	24.2	23.5
6508	1880.0	-1060.0	4.0	0.0	23.9	23.3
6509	1900.0	-1060.0	4.0	0.0	23.8	23.1
6510	1920.0	-1060.0	4.0	0.0	23.6	23.0
6511	1940.0	-1060.0	4.0	0.0	23.4	22.8
6512	1960.0	-1060.0	4.0	0.0	23.7	22.6
6513	1980.0	-1060.0	4.0	0.0	23.5	22.5
6514	2000.0	-1060.0	4.0	0.0	23.3	22.3
6515	2020.0	-1060.0	4.0	0.0	23.2	22.2
6516	2040.0	-1060.0	4.0	0.0	23.0	22.0
6517	2060.0	-1060.0	4.0	0.0	22.9	21.9
6518	2080.0	-1060.0	4.0	0.0	22.7	21.7
6519	2100.0	-1060.0	4.0	0.0	22.5	21.6
6520	2120.0	-1060.0	4.0	0.0	22.4	21.4
6521	2140.0	-1060.0	4.0	0.0	22.2	21.3
6522	2160.0	-1060.0	4.0	0.0	22.1	21.1
6523	2180.0	-1060.0	4.0	0.0	21.9	21.0
6524	2200.0	-1060.0	4.0	0.0	21.8	20.8
6525	2220.0	-1060.0	4.0	0.0	21.6	20.7
6526	2240.0	-1060.0	4.0	0.0	21.5	20.5
6527	2260.0	-1060.0	4.0	0.0	21.3	20.4
6528	2280.0	-1060.0	4.0	0.0	21.2	20.2
6529	2300.0	-1060.0	4.0	0.0	21.0	20.1
6530	2320.0	-1060.0	4.0	0.0	20.9	19.9
6531	2340.0	-1060.0	4.0	0.0	20.7	19.8
6532	2360.0	-1060.0	4.0	0.0	20.6	19.7
6533	2380.0	-1060.0	4.0	0.0	20.4	19.5
6534	2400.0	-1060.0	4.0	0.0	20.3	19.4
6535	0.0	-1080.0	4.0	0.0	32.8	32.7
6536	20.0	-1080.0	4.0	0.0	33.0	32.8
6537	40.0	-1080.0	4.0	0.0	33.2	33.0
6538	60.0	-1080.0	4.0	0.0	33.5	33.1
6539	80.0	-1080.0	4.0	0.0	33.7	33.3

6540	100.0	-1080.0	4.0	0.0	33.8	33.5
6541	120.0	-1080.0	4.0	0.0	34.0	33.6
6542	140.0	-1080.0	4.0	0.0	34.2	33.8
6543	160.0	-1080.0	4.0	0.0	34.3	33.9
6544	180.0	-1080.0	4.0	0.0	34.5	34.1
6545	200.0	-1080.0	4.0	0.0	34.7	34.3
6546	220.0	-1080.0	4.0	0.0	34.8	34.4
6547	240.0	-1080.0	4.0	0.0	35.0	34.6
6548	260.0	-1080.0	4.0	0.0	35.2	34.8
6549	280.0	-1080.0	4.0	0.0	35.4	34.9
6550	300.0	-1080.0	4.0	0.0	35.5	35.1
6551	320.0	-1080.0	4.0	0.0	35.7	35.2
6552	340.0	-1080.0	4.0	0.0	35.9	35.4
6553	360.0	-1080.0	4.0	0.0	36.0	35.6
6554	380.0	-1080.0	4.0	0.0	36.2	35.7
6555	400.0	-1080.0	4.0	0.0	36.6	35.9
6556	420.0	-1080.0	4.0	0.0	36.8	36.0
6557	440.0	-1080.0	4.0	0.0	36.9	36.2
6558	460.0	-1080.0	4.0	0.0	36.5	35.9
6559	480.0	-1080.0	4.0	0.0	36.5	35.9
6560	500.0	-1080.0	4.0	0.0	35.7	35.1
6561	520.0	-1080.0	4.0	0.0	35.7	35.1
6562	540.0	-1080.0	4.0	0.0	35.6	35.1
6563	560.0	-1080.0	4.0	0.0	35.3	34.9
6564	580.0	-1080.0	4.0	0.0	33.6	33.3
6565	600.0	-1080.0	4.0	0.0	32.8	32.6
6566	620.0	-1080.0	4.0	0.0	30.9	30.5
6567	640.0	-1080.0	4.0	0.0	30.5	30.2
6568	660.0	-1080.0	4.0	0.0	30.5	30.2
6569	680.0	-1080.0	4.0	0.0	29.6	29.1
6570	700.0	-1080.0	4.0	0.0	29.5	29.0
6571	720.0	-1080.0	4.0	0.0	27.6	26.8
6572	740.0	-1080.0	4.0	0.0	27.1	26.2
6573	760.0	-1080.0	4.0	0.0	27.0	26.1
6574	780.0	-1080.0	4.0	0.0	27.7	26.8
6575	800.0	-1080.0	4.0	0.0	28.6	27.9
6576	820.0	-1080.0	4.0	0.0	29.4	28.8
6577	840.0	-1080.0	4.0	0.0	30.4	30.0
6578	860.0	-1080.0	4.0	0.0	30.2	29.7
6579	880.0	-1080.0	4.0	0.0	27.3	26.4
6580	900.0	-1080.0	4.0	0.0	25.9	24.4
6581	920.0	-1080.0	4.0	0.0	26.0	24.5
6582	940.0	-1080.0	4.0	0.0	26.1	24.6
6583	960.0	-1080.0	4.0	0.0	26.2	24.8
6584	980.0	-1080.0	4.0	0.0	26.6	25.2
6585	1000.0	-1080.0	4.0	0.0	26.0	24.5
6586	1020.0	-1080.0	4.0	0.0	26.0	24.5
6587	1040.0	-1080.0	4.0	0.0	26.5	25.2
6588	1060.0	-1080.0	4.0	0.0	26.3	24.8
6589	1080.0	-1080.0	4.0	0.0	26.2	24.6
6590	1100.0	-1080.0	4.0	0.0	28.0	25.5
6591	1120.0	-1080.0	4.0	0.0	28.2	25.5
6592	1140.0	-1080.0	4.0	0.0	27.9	25.3
6593	1160.0	-1080.0	4.0	0.0	26.8	25.3
6594	1180.0	-1080.0	4.0	0.0	27.1	25.7
6595	1200.0	-1080.0	4.0	0.0	29.7	26.2
6596	1220.0	-1080.0	4.0	0.0	30.0	25.8
6597	1240.0	-1080.0	4.0	0.0	31.6	28.0
6598	1260.0	-1080.0	4.0	0.0	31.4	31.0
6599	1280.0	-1080.0	4.0	0.0	30.9	30.3
6600	1300.0	-1080.0	4.0	0.0	33.2	32.7
6601	1320.0	-1080.0	4.0	0.0	29.7	28.7
6602	1340.0	-1080.0	4.0	0.0	29.7	28.6
6603	1360.0	-1080.0	4.0	0.0	30.0	28.6
6604	1380.0	-1080.0	4.0	0.0	29.1	28.2
6605	1400.0	-1080.0	4.0	0.0	28.0	27.1
6606	1420.0	-1080.0	4.0	0.0	26.9	25.8
6607	1440.0	-1080.0	4.0	0.0	26.0	25.1
6608	1460.0	-1080.0	4.0	0.0	25.7	24.7
6609	1480.0	-1080.0	4.0	0.0	25.6	24.6
6610	1500.0	-1080.0	4.0	0.0	25.9	24.6
6611	1520.0	-1080.0	4.0	0.0	26.5	24.8
6612	1540.0	-1080.0	4.0	0.0	25.9	24.6
6613	1560.0	-1080.0	4.0	0.0	25.1	24.0
6614	1580.0	-1080.0	4.0	0.0	24.9	23.9
6615	1600.0	-1080.0	4.0	0.0	24.8	23.9
6616	1620.0	-1080.0	4.0	0.0	24.7	23.8
6617	1640.0	-1080.0	4.0	0.0	24.7	23.9
6618	1660.0	-1080.0	4.0	0.0	24.6	23.8
6619	1680.0	-1080.0	4.0	0.0	24.6	23.8
6620	1700.0	-1080.0	4.0	0.0	24.7	24.0
6621	1720.0	-1080.0	4.0	0.0	24.8	24.1
6622	1740.0	-1080.0	4.0	0.0	24.8	24.1
6623	1760.0	-1080.0	4.0	0.0	24.9	24.3
6624	1780.0	-1080.0	4.0	0.0	24.7	24.1



6625	1800.0	-1080.0	4.0	0.0	24.6	24.0
6626	1820.0	-1080.0	4.0	0.0	24.4	23.8
6627	1840.0	-1080.0	4.0	0.0	24.2	23.6
6628	1860.0	-1080.0	4.0	0.0	24.0	23.4
6629	1880.0	-1080.0	4.0	0.0	23.8	23.2
6630	1900.0	-1080.0	4.0	0.0	23.6	23.0
6631	1920.0	-1080.0	4.0	0.0	23.5	22.9
6632	1940.0	-1080.0	4.0	0.0	23.3	22.7
6633	1960.0	-1080.0	4.0	0.0	23.2	22.5
6634	1980.0	-1080.0	4.0	0.0	23.0	22.4
6635	2000.0	-1080.0	4.0	0.0	23.2	22.2
6636	2020.0	-1080.0	4.0	0.0	23.1	22.1
6637	2040.0	-1080.0	4.0	0.0	22.9	21.9
6638	2060.0	-1080.0	4.0	0.0	22.8	21.8
6639	2080.0	-1080.0	4.0	0.0	22.6	21.6
6640	2100.0	-1080.0	4.0	0.0	22.5	21.5
6641	2120.0	-1080.0	4.0	0.0	22.3	21.3
6642	2140.0	-1080.0	4.0	0.0	22.2	21.2
6643	2160.0	-1080.0	4.0	0.0	22.0	21.0
6644	2180.0	-1080.0	4.0	0.0	21.9	20.9
6645	2200.0	-1080.0	4.0	0.0	21.7	20.7
6646	2220.0	-1080.0	4.0	0.0	21.6	20.6
6647	2240.0	-1080.0	4.0	0.0	21.4	20.4
6648	2260.0	-1080.0	4.0	0.0	21.3	20.3
6649	2280.0	-1080.0	4.0	0.0	21.1	20.2
6650	2300.0	-1080.0	4.0	0.0	21.0	20.0
6651	2320.0	-1080.0	4.0	0.0	20.8	19.9
6652	2340.0	-1080.0	4.0	0.0	20.7	19.7
6653	2360.0	-1080.0	4.0	0.0	20.5	19.6
6654	2380.0	-1080.0	4.0	0.0	20.3	19.5
6655	2400.0	-1080.0	4.0	0.0	20.2	19.3
6656	0.0	-1100.0	4.0	0.0	32.8	32.6
6657	20.0	-1100.0	4.0	0.0	32.9	32.7
6658	40.0	-1100.0	4.0	0.0	33.3	32.9
6659	60.0	-1100.0	4.0	0.0	33.4	33.0
6660	80.0	-1100.0	4.0	0.0	33.6	33.2
6661	100.0	-1100.0	4.0	0.0	33.7	33.3
6662	120.0	-1100.0	4.0	0.0	33.9	33.5
6663	140.0	-1100.0	4.0	0.0	34.0	33.6
6664	160.0	-1100.0	4.0	0.0	34.2	33.8
6665	180.0	-1100.0	4.0	0.0	34.4	34.0
6666	200.0	-1100.0	4.0	0.0	34.5	34.1
6667	220.0	-1100.0	4.0	0.0	34.7	34.3
6668	240.0	-1100.0	4.0	0.0	34.9	34.5
6669	260.0	-1100.0	4.0	0.0	35.1	34.6
6670	280.0	-1100.0	4.0	0.0	35.2	34.8
6671	300.0	-1100.0	4.0	0.0	35.4	34.9
6672	320.0	-1100.0	4.0	0.0	35.6	35.1
6673	340.0	-1100.0	4.0	0.0	35.7	35.2
6674	360.0	-1100.0	4.0	0.0	35.9	35.4
6675	380.0	-1100.0	4.0	0.0	36.3	35.5
6676	400.0	-1100.0	4.0	0.0	36.4	35.7
6677	420.0	-1100.0	4.0	0.0	36.5	35.9
6678	440.0	-1100.0	4.0	0.0	36.6	36.0
6679	460.0	-1100.0	4.0	0.0	36.2	35.8
6680	480.0	-1100.0	4.0	0.0	36.2	35.7
6681	500.0	-1100.0	4.0	0.0	35.4	34.9
6682	520.0	-1100.0	4.0	0.0	35.4	34.8
6683	540.0	-1100.0	4.0	0.0	35.0	34.7
6684	560.0	-1100.0	4.0	0.0	34.6	34.4
6685	580.0	-1100.0	4.0	0.0	32.8	32.6
6686	600.0	-1100.0	4.0	0.0	32.2	31.9
6687	620.0	-1100.0	4.0	0.0	30.3	29.9
6688	640.0	-1100.0	4.0	0.0	30.2	29.8
6689	660.0	-1100.0	4.0	0.0	29.0	28.5
6690	680.0	-1100.0	4.0	0.0	29.3	28.9
6691	700.0	-1100.0	4.0	0.0	27.6	26.9
6692	720.0	-1100.0	4.0	0.0	27.1	26.3
6693	740.0	-1100.0	4.0	0.0	26.7	25.8
6694	760.0	-1100.0	4.0	0.0	26.9	26.0
6695	780.0	-1100.0	4.0	0.0	27.6	26.8
6696	800.0	-1100.0	4.0	0.0	28.5	27.9
6697	820.0	-1100.0	4.0	0.0	29.3	28.7
6698	840.0	-1100.0	4.0	0.0	30.2	29.8
6699	860.0	-1100.0	4.0	0.0	29.4	28.8
6700	880.0	-1100.0	4.0	0.0	26.4	25.3
6701	900.0	-1100.0	4.0	0.0	25.6	24.1
6702	920.0	-1100.0	4.0	0.0	25.7	24.2
6703	940.0	-1100.0	4.0	0.0	25.8	24.3
6704	960.0	-1100.0	4.0	0.0	25.9	24.5
6705	980.0	-1100.0	4.0	0.0	26.3	24.9
6706	1000.0	-1100.0	4.0	0.0	25.7	24.1
6707	1020.0	-1100.0	4.0	0.0	25.7	24.1
6708	1040.0	-1100.0	4.0	0.0	26.2	24.9
6709	1060.0	-1100.0	4.0	0.0	26.0	24.5

6710	1080.0	-1100.0	4.0	0.0	25.8	24.4
6711	1100.0	-1100.0	4.0	0.0	27.2	24.2
6712	1120.0	-1100.0	4.0	0.0	27.9	25.3
6713	1140.0	-1100.0	4.0	0.0	27.6	25.0
6714	1160.0	-1100.0	4.0	0.0	26.5	25.0
6715	1180.0	-1100.0	4.0	0.0	26.8	25.4
6716	1200.0	-1100.0	4.0	0.0	29.2	25.8
6717	1220.0	-1100.0	4.0	0.0	29.6	25.6
6718	1240.0	-1100.0	4.0	0.0	30.9	27.4
6719	1260.0	-1100.0	4.0	0.0	30.7	30.2
6720	1280.0	-1100.0	4.0	0.0	31.9	31.5
6721	1300.0	-1100.0	4.0	0.0	32.3	31.7
6722	1320.0	-1100.0	4.0	0.0	29.7	28.8
6723	1340.0	-1100.0	4.0	0.0	29.6	28.7
6724	1360.0	-1100.0	4.0	0.0	29.8	28.7
6725	1380.0	-1100.0	4.0	0.0	29.0	28.2
6726	1400.0	-1100.0	4.0	0.0	28.9	28.1
6727	1420.0	-1100.0	4.0	0.0	27.2	26.3
6728	1440.0	-1100.0	4.0	0.0	26.6	25.8
6729	1460.0	-1100.0	4.0	0.0	25.7	24.8
6730	1480.0	-1100.0	4.0	0.0	25.5	24.5
6731	1500.0	-1100.0	4.0	0.0	25.5	24.5
6732	1520.0	-1100.0	4.0	0.0	25.9	24.5
6733	1540.0	-1100.0	4.0	0.0	26.6	25.0
6734	1560.0	-1100.0	4.0	0.0	25.6	24.5
6735	1580.0	-1100.0	4.0	0.0	25.0	24.1
6736	1600.0	-1100.0	4.0	0.0	24.8	23.9
6737	1620.0	-1100.0	4.0	0.0	24.7	23.8
6738	1640.0	-1100.0	4.0	0.0	24.6	23.7
6739	1660.0	-1100.0	4.0	0.0	24.5	23.6
6740	1680.0	-1100.0	4.0	0.0	24.4	23.6
6741	1700.0	-1100.0	4.0	0.0	24.6	23.9
6742	1720.0	-1100.0	4.0	0.0	24.7	24.0
6743	1740.0	-1100.0	4.0	0.0	24.6	23.9
6744	1760.0	-1100.0	4.0	0.0	24.8	24.1
6745	1780.0	-1100.0	4.0	0.0	24.6	24.0
6746	1800.0	-1100.0	4.0	0.0	24.4	23.8
6747	1820.0	-1100.0	4.0	0.0	24.3	23.6
6748	1840.0	-1100.0	4.0	0.0	24.1	23.5
6749	1860.0	-1100.0	4.0	0.0	23.8	23.2
6750	1880.0	-1100.0	4.0	0.0	23.7	23.1
6751	1900.0	-1100.0	4.0	0.0	23.5	22.9
6752	1920.0	-1100.0	4.0	0.0	23.4	22.7
6753	1940.0	-1100.0	4.0	0.0	23.2	22.6
6754	1960.0	-1100.0	4.0	0.0	23.1	22.4
6755	1980.0	-1100.0	4.0	0.0	22.9	22.3
6756	2000.0	-1100.0	4.0	0.0	22.7	22.1
6757	2020.0	-1100.0	4.0	0.0	22.6	22.0
6758	2040.0	-1100.0	4.0	0.0	22.8	21.8
6759	2060.0	-1100.0	4.0	0.0	22.7	21.7
6760	2080.0	-1100.0	4.0	0.0	22.5	21.5
6761	2100.0	-1100.0	4.0	0.0	22.4	21.4
6762	2120.0	-1100.0	4.0	0.0	22.2	21.2
6763	2140.0	-1100.0	4.0	0.0	22.1	21.1
6764	2160.0	-1100.0	4.0	0.0	21.9	20.9
6765	2180.0	-1100.0	4.0	0.0	21.8	20.8
6766	2200.0	-1100.0	4.0	0.0	21.6	20.6
6767	2220.0	-1100.0	4.0	0.0	21.5	20.5
6768	2240.0	-1100.0	4.0	0.0	21.3	20.4
6769	2260.0	-1100.0	4.0	0.0	21.2	20.2
6770	2280.0	-1100.0	4.0	0.0	21.0	20.1
6771	2300.0	-1100.0	4.0	0.0	20.9	19.9
6772	2320.0	-1100.0	4.0	0.0	20.7	19.8
6773	2340.0	-1100.0	4.0	0.0	20.6	19.7
6774	2360.0	-1100.0	4.0	0.0	20.4	19.5
6775	2380.0	-1100.0	4.0	0.0	20.3	19.4
6776	2400.0	-1100.0	4.0	0.0	20.1	19.3
6777	0.0	-1120.0	4.0	0.0	32.8	32.5
6778	20.0	-1120.0	4.0	0.0	33.0	32.6
6779	40.0	-1120.0	4.0	0.0	33.2	32.8
6780	60.0	-1120.0	4.0	0.0	33.3	32.9
6781	80.0	-1120.0	4.0	0.0	33.5	33.1
6782	100.0	-1120.0	4.0	0.0	33.6	33.2
6783	120.0	-1120.0	4.0	0.0	33.8	33.4
6784	140.0	-1120.0	4.0	0.0	33.9	33.5
6785	160.0	-1120.0	4.0	0.0	34.1	33.7
6786	180.0	-1120.0	4.0	0.0	34.3	33.8
6787	200.0	-1120.0	4.0	0.0	34.4	34.0
6788	220.0	-1120.0	4.0	0.0	34.6	34.2
6789	240.0	-1120.0	4.0	0.0	34.8	34.3
6790	260.0	-1120.0	4.0	0.0	34.9	34.5
6791	280.0	-1120.0	4.0	0.0	35.1	34.6
6792	300.0	-1120.0	4.0	0.0	35.2	34.8
6793	320.0	-1120.0	4.0	0.0	35.4	34.9
6794	340.0	-1120.0	4.0	0.0	35.8	35.1

6795	360.0	-1120.0	4.0	0.0	36.0	35.2
6796	380.0	-1120.0	4.0	0.0	36.1	35.4
6797	400.0	-1120.0	4.0	0.0	36.2	35.5
6798	420.0	-1120.0	4.0	0.0	36.2	35.7
6799	440.0	-1120.0	4.0	0.0	36.3	35.8
6800	460.0	-1120.0	4.0	0.0	36.0	35.6
6801	480.0	-1120.0	4.0	0.0	36.0	35.5
6802	500.0	-1120.0	4.0	0.0	35.1	34.6
6803	520.0	-1120.0	4.0	0.0	34.8	34.4
6804	540.0	-1120.0	4.0	0.0	34.5	34.3
6805	560.0	-1120.0	4.0	0.0	33.9	33.7
6806	580.0	-1120.0	4.0	0.0	32.2	32.0
6807	600.0	-1120.0	4.0	0.0	31.5	31.3
6808	620.0	-1120.0	4.0	0.0	29.9	29.5
6809	640.0	-1120.0	4.0	0.0	29.7	29.3
6810	660.0	-1120.0	4.0	0.0	28.8	28.2
6811	680.0	-1120.0	4.0	0.0	29.0	28.6
6812	700.0	-1120.0	4.0	0.0	27.0	26.3
6813	720.0	-1120.0	4.0	0.0	26.7	25.9
6814	740.0	-1120.0	4.0	0.0	26.4	25.4
6815	760.0	-1120.0	4.0	0.0	26.8	25.9
6816	780.0	-1120.0	4.0	0.0	27.6	26.8
6817	800.0	-1120.0	4.0	0.0	28.4	27.8
6818	820.0	-1120.0	4.0	0.0	29.2	28.7
6819	840.0	-1120.0	4.0	0.0	30.0	29.6
6820	860.0	-1120.0	4.0	0.0	28.6	28.0
6821	880.0	-1120.0	4.0	0.0	25.8	24.6
6822	900.0	-1120.0	4.0	0.0	25.3	23.8
6823	920.0	-1120.0	4.0	0.0	25.4	23.9
6824	940.0	-1120.0	4.0	0.0	25.5	24.0
6825	960.0	-1120.0	4.0	0.0	25.6	24.3
6826	980.0	-1120.0	4.0	0.0	26.0	24.7
6827	1000.0	-1120.0	4.0	0.0	25.4	23.8
6828	1020.0	-1120.0	4.0	0.0	25.4	23.8
6829	1040.0	-1120.0	4.0	0.0	25.9	24.6
6830	1060.0	-1120.0	4.0	0.0	25.7	24.3
6831	1080.0	-1120.0	4.0	0.0	25.6	24.1
6832	1100.0	-1120.0	4.0	0.0	26.8	23.9
6833	1120.0	-1120.0	4.0	0.0	27.6	24.9
6834	1140.0	-1120.0	4.0	0.0	27.4	24.9
6835	1160.0	-1120.0	4.0	0.0	26.2	24.7
6836	1180.0	-1120.0	4.0	0.0	26.4	25.1
6837	1200.0	-1120.0	4.0	0.0	28.7	25.4
6838	1220.0	-1120.0	4.0	0.0	29.2	25.5
6839	1240.0	-1120.0	4.0	0.0	30.0	26.1
6840	1260.0	-1120.0	4.0	0.0	29.9	29.3
6841	1280.0	-1120.0	4.0	0.0	31.6	31.2
6842	1300.0	-1120.0	4.0	0.0	31.6	31.1
6843	1320.0	-1120.0	4.0	0.0	33.3	32.9
6844	1340.0	-1120.0	4.0	0.0	29.9	29.1
6845	1360.0	-1120.0	4.0	0.0	30.0	29.0
6846	1380.0	-1120.0	4.0	0.0	29.9	28.6
6847	1400.0	-1120.0	4.0	0.0	29.3	28.6
6848	1420.0	-1120.0	4.0	0.0	28.3	27.6
6849	1440.0	-1120.0	4.0	0.0	27.1	26.2
6850	1460.0	-1120.0	4.0	0.0	26.8	26.1
6851	1480.0	-1120.0	4.0	0.0	25.8	24.9
6852	1500.0	-1120.0	4.0	0.0	25.6	24.8
6853	1520.0	-1120.0	4.0	0.0	25.7	24.7
6854	1540.0	-1120.0	4.0	0.0	26.1	24.7
6855	1560.0	-1120.0	4.0	0.0	26.3	25.0
6856	1580.0	-1120.0	4.0	0.0	25.3	24.3
6857	1600.0	-1120.0	4.0	0.0	24.8	24.0
6858	1620.0	-1120.0	4.0	0.0	24.6	23.7
6859	1640.0	-1120.0	4.0	0.0	24.4	23.5
6860	1660.0	-1120.0	4.0	0.0	24.3	23.5
6861	1680.0	-1120.0	4.0	0.0	24.3	23.5
6862	1700.0	-1120.0	4.0	0.0	24.4	23.7
6863	1720.0	-1120.0	4.0	0.0	24.5	23.8
6864	1740.0	-1120.0	4.0	0.0	24.5	23.8
6865	1760.0	-1120.0	4.0	0.0	24.6	24.0
6866	1780.0	-1120.0	4.0	0.0	24.5	23.8
6867	1800.0	-1120.0	4.0	0.0	24.3	23.7
6868	1820.0	-1120.0	4.0	0.0	24.1	23.5
6869	1840.0	-1120.0	4.0	0.0	23.9	23.3
6870	1860.0	-1120.0	4.0	0.0	23.7	23.1
6871	1880.0	-1120.0	4.0	0.0	23.6	22.9
6872	1900.0	-1120.0	4.0	0.0	23.4	22.8
6873	1920.0	-1120.0	4.0	0.0	23.3	22.6
6874	1940.0	-1120.0	4.0	0.0	23.1	22.5
6875	1960.0	-1120.0	4.0	0.0	23.0	22.3
6876	1980.0	-1120.0	4.0	0.0	22.8	22.2
6877	2000.0	-1120.0	4.0	0.0	22.6	22.0
6878	2020.0	-1120.0	4.0	0.0	22.5	21.9
6879	2040.0	-1120.0	4.0	0.0	22.3	21.7

6880	2060.0	-1120.0	4.0	0.0	22.2	21.6
6881	2080.0	-1120.0	4.0	0.0	22.4	21.4
6882	2100.0	-1120.0	4.0	0.0	22.3	21.3
6883	2120.0	-1120.0	4.0	0.0	22.1	21.1
6884	2140.0	-1120.0	4.0	0.0	22.0	21.0
6885	2160.0	-1120.0	4.0	0.0	21.8	20.9
6886	2180.0	-1120.0	4.0	0.0	21.7	20.7
6887	2200.0	-1120.0	4.0	0.0	21.5	20.6
6888	2220.0	-1120.0	4.0	0.0	21.4	20.4
6889	2240.0	-1120.0	4.0	0.0	21.3	20.3
6890	2260.0	-1120.0	4.0	0.0	21.1	20.1
6891	2280.0	-1120.0	4.0	0.0	21.0	20.0
6892	2300.0	-1120.0	4.0	0.0	20.8	19.9
6893	2320.0	-1120.0	4.0	0.0	20.7	19.7
6894	2340.0	-1120.0	4.0	0.0	20.5	19.6
6895	2360.0	-1120.0	4.0	0.0	20.3	19.5
6896	2380.0	-1120.0	4.0	0.0	20.2	19.3
6897	2400.0	-1120.0	4.0	0.0	20.1	19.2
6898	0.0	-1140.0	4.0	0.0	32.7	32.4
6899	20.0	-1140.0	4.0	0.0	32.9	32.5
6900	40.0	-1140.0	4.0	0.0	33.0	32.7
6901	60.0	-1140.0	4.0	0.0	33.2	32.8
6902	80.0	-1140.0	4.0	0.0	33.4	33.0
6903	100.0	-1140.0	4.0	0.0	33.5	33.1
6904	120.0	-1140.0	4.0	0.0	33.7	33.3
6905	140.0	-1140.0	4.0	0.0	33.8	33.4
6906	160.0	-1140.0	4.0	0.0	34.0	33.6
6907	180.0	-1140.0	4.0	0.0	34.2	33.7
6908	200.0	-1140.0	4.0	0.0	34.3	33.9
6909	220.0	-1140.0	4.0	0.0	34.5	34.0
6910	240.0	-1140.0	4.0	0.0	34.6	34.2
6911	260.0	-1140.0	4.0	0.0	34.8	34.3
6912	280.0	-1140.0	4.0	0.0	34.9	34.5
6913	300.0	-1140.0	4.0	0.0	35.1	34.6
6914	320.0	-1140.0	4.0	0.0	35.5	34.8
6915	340.0	-1140.0	4.0	0.0	35.7	34.9
6916	360.0	-1140.0	4.0	0.0	35.8	35.1
6917	380.0	-1140.0	4.0	0.0	35.9	35.2
6918	400.0	-1140.0	4.0	0.0	35.9	35.4
6919	420.0	-1140.0	4.0	0.0	36.0	35.5
6920	440.0	-1140.0	4.0	0.0	36.1	35.6
6921	460.0	-1140.0	4.0	0.0	35.8	35.4
6922	480.0	-1140.0	4.0	0.0	35.8	35.3
6923	500.0	-1140.0	4.0	0.0	34.5	34.2
6924	520.0	-1140.0	4.0	0.0	34.2	34.1
6925	540.0	-1140.0	4.0	0.0	33.9	33.7
6926	560.0	-1140.0	4.0	0.0	33.2	33.0
6927	580.0	-1140.0	4.0	0.0	31.6	31.4
6928	600.0	-1140.0	4.0	0.0	31.0	30.7
6929	620.0	-1140.0	4.0	0.0	29.6	29.3
6930	640.0	-1140.0	4.0	0.0	28.4	27.9
6931	660.0	-1140.0	4.0	0.0	28.5	28.0
6932	680.0	-1140.0	4.0	0.0	28.2	27.7
6933	700.0	-1140.0	4.0	0.0	26.6	25.8
6934	720.0	-1140.0	4.0	0.0	26.2	25.4
6935	740.0	-1140.0	4.0	0.0	26.3	25.3
6936	760.0	-1140.0	4.0	0.0	26.8	25.9
6937	780.0	-1140.0	4.0	0.0	27.6	26.9
6938	800.0	-1140.0	4.0	0.0	28.3	27.7
6939	820.0	-1140.0	4.0	0.0	29.2	28.7
6940	840.0	-1140.0	4.0	0.0	29.6	29.2
6941	860.0	-1140.0	4.0	0.0	27.8	27.1
6942	880.0	-1140.0	4.0	0.0	25.2	23.9
6943	900.0	-1140.0	4.0	0.0	25.0	23.6
6944	920.0	-1140.0	4.0	0.0	25.1	23.7
6945	940.0	-1140.0	4.0	0.0	25.2	23.8
6946	960.0	-1140.0	4.0	0.0	25.4	24.0
6947	980.0	-1140.0	4.0	0.0	25.7	24.4
6948	1000.0	-1140.0	4.0	0.0	25.1	23.6
6949	1020.0	-1140.0	4.0	0.0	25.1	23.6
6950	1040.0	-1140.0	4.0	0.0	25.7	24.4
6951	1060.0	-1140.0	4.0	0.0	25.4	24.0
6952	1080.0	-1140.0	4.0	0.0	25.3	23.8
6953	1100.0	-1140.0	4.0	0.0	26.6	23.7
6954	1120.0	-1140.0	4.0	0.0	27.3	24.7
6955	1140.0	-1140.0	4.0	0.0	27.0	24.6
6956	1160.0	-1140.0	4.0	0.0	25.9	24.5
6957	1180.0	-1140.0	4.0	0.0	26.1	24.8
6958	1200.0	-1140.0	4.0	0.0	28.3	25.1
6959	1220.0	-1140.0	4.0	0.0	28.8	25.4
6960	1240.0	-1140.0	4.0	0.0	29.1	24.8
6961	1260.0	-1140.0	4.0	0.0	31.1	28.0
6962	1280.0	-1140.0	4.0	0.0	30.8	30.3
6963	1300.0	-1140.0	4.0	0.0	31.6	31.2
6964	1320.0	-1140.0	4.0	0.0	32.6	32.2

6965	1340.0	-1140.0	4.0	0.0	29.7	28.9
6966	1360.0	-1140.0	4.0	0.0	29.7	28.9
6967	1380.0	-1140.0	4.0	0.0	29.5	28.4
6968	1400.0	-1140.0	4.0	0.0	29.0	28.3
6969	1420.0	-1140.0	4.0	0.0	28.5	27.8
6970	1440.0	-1140.0	4.0	0.0	27.3	26.5
6971	1460.0	-1140.0	4.0	0.0	26.7	25.9
6972	1480.0	-1140.0	4.0	0.0	26.1	25.3
6973	1500.0	-1140.0	4.0	0.0	25.4	24.6
6974	1520.0	-1140.0	4.0	0.0	25.3	24.4
6975	1540.0	-1140.0	4.0	0.0	25.6	24.4
6976	1560.0	-1140.0	4.0	0.0	25.8	24.3
6977	1580.0	-1140.0	4.0	0.0	25.8	24.7
6978	1600.0	-1140.0	4.0	0.0	24.8	23.9
6979	1620.0	-1140.0	4.0	0.0	24.5	23.7
6980	1640.0	-1140.0	4.0	0.0	24.3	23.4
6981	1660.0	-1140.0	4.0	0.0	24.1	23.3
6982	1680.0	-1140.0	4.0	0.0	24.1	23.3
6983	1700.0	-1140.0	4.0	0.0	24.3	23.6
6984	1720.0	-1140.0	4.0	0.0	24.4	23.7
6985	1740.0	-1140.0	4.0	0.0	24.3	23.7
6986	1760.0	-1140.0	4.0	0.0	24.5	23.9
6987	1780.0	-1140.0	4.0	0.0	24.3	23.7
6988	1800.0	-1140.0	4.0	0.0	24.1	23.5
6989	1820.0	-1140.0	4.0	0.0	23.9	23.3
6990	1840.0	-1140.0	4.0	0.0	23.8	23.1
6991	1860.0	-1140.0	4.0	0.0	23.6	23.0
6992	1880.0	-1140.0	4.0	0.0	23.4	22.8
6993	1900.0	-1140.0	4.0	0.0	23.3	22.7
6994	1920.0	-1140.0	4.0	0.0	23.1	22.5
6995	1940.0	-1140.0	4.0	0.0	23.0	22.4
6996	1960.0	-1140.0	4.0	0.0	22.8	22.2
6997	1980.0	-1140.0	4.0	0.0	22.7	22.1
6998	2000.0	-1140.0	4.0	0.0	22.5	21.9
6999	2020.0	-1140.0	4.0	0.0	22.4	21.8
7000	2040.0	-1140.0	4.0	0.0	22.2	21.6
7001	2060.0	-1140.0	4.0	0.0	22.1	21.5
7002	2080.0	-1140.0	4.0	0.0	22.0	21.3
7003	2100.0	-1140.0	4.0	0.0	21.8	21.2
7004	2120.0	-1140.0	4.0	0.0	22.0	21.1
7005	2140.0	-1140.0	4.0	0.0	21.9	20.9
7006	2160.0	-1140.0	4.0	0.0	21.8	20.8
7007	2180.0	-1140.0	4.0	0.0	21.6	20.6
7008	2200.0	-1140.0	4.0	0.0	21.5	20.5
7009	2220.0	-1140.0	4.0	0.0	21.3	20.3
7010	2240.0	-1140.0	4.0	0.0	21.2	20.2
7011	2260.0	-1140.0	4.0	0.0	21.0	20.1
7012	2280.0	-1140.0	4.0	0.0	20.9	19.9
7013	2300.0	-1140.0	4.0	0.0	20.7	19.8
7014	2320.0	-1140.0	4.0	0.0	20.6	19.7
7015	2340.0	-1140.0	4.0	0.0	20.4	19.5
7016	2360.0	-1140.0	4.0	0.0	20.3	19.4
7017	2380.0	-1140.0	4.0	0.0	20.1	19.3
7018	2400.0	-1140.0	4.0	0.0	20.0	19.1
7019	0.0	-1160.0	4.0	0.0	32.6	32.3
7020	20.0	-1160.0	4.0	0.0	32.8	32.4
7021	40.0	-1160.0	4.0	0.0	32.9	32.5
7022	60.0	-1160.0	4.0	0.0	33.1	32.7
7023	80.0	-1160.0	4.0	0.0	33.2	32.8
7024	100.0	-1160.0	4.0	0.0	33.4	33.0
7025	120.0	-1160.0	4.0	0.0	33.6	33.1
7026	140.0	-1160.0	4.0	0.0	33.7	33.3
7027	160.0	-1160.0	4.0	0.0	33.9	33.4
7028	180.0	-1160.0	4.0	0.0	34.0	33.6
7029	200.0	-1160.0	4.0	0.0	34.2	33.7
7030	220.0	-1160.0	4.0	0.0	34.3	33.9
7031	240.0	-1160.0	4.0	0.0	34.5	34.0
7032	260.0	-1160.0	4.0	0.0	34.6	34.2
7033	280.0	-1160.0	4.0	0.0	34.8	34.3
7034	300.0	-1160.0	4.0	0.0	35.2	34.5
7035	320.0	-1160.0	4.0	0.0	35.3	34.6
7036	340.0	-1160.0	4.0	0.0	35.5	34.8
7037	360.0	-1160.0	4.0	0.0	35.5	34.9
7038	380.0	-1160.0	4.0	0.0	35.6	35.1
7039	400.0	-1160.0	4.0	0.0	35.6	35.2
7040	420.0	-1160.0	4.0	0.0	35.7	35.3
7041	440.0	-1160.0	4.0	0.0	35.9	35.5
7042	460.0	-1160.0	4.0	0.0	35.6	35.2
7043	480.0	-1160.0	4.0	0.0	35.1	34.9
7044	500.0	-1160.0	4.0	0.0	34.0	33.8
7045	520.0	-1160.0	4.0	0.0	33.8	33.7
7046	540.0	-1160.0	4.0	0.0	33.2	33.0
7047	560.0	-1160.0	4.0	0.0	32.6	32.4
7048	580.0	-1160.0	4.0	0.0	31.0	30.8
7049	600.0	-1160.0	4.0	0.0	30.6	30.4

7050	620.0	-1160.0	4.0	0.0	28.8	28.4
7051	640.0	-1160.0	4.0	0.0	28.1	27.7
7052	660.0	-1160.0	4.0	0.0	28.3	27.8
7053	680.0	-1160.0	4.0	0.0	26.9	26.3
7054	700.0	-1160.0	4.0	0.0	26.2	25.4
7055	720.0	-1160.0	4.0	0.0	25.9	25.0
7056	740.0	-1160.0	4.0	0.0	26.2	25.3
7057	760.0	-1160.0	4.0	0.0	26.7	25.9
7058	780.0	-1160.0	4.0	0.0	27.6	26.9
7059	800.0	-1160.0	4.0	0.0	28.2	27.6
7060	820.0	-1160.0	4.0	0.0	29.2	28.7
7061	840.0	-1160.0	4.0	0.0	29.2	28.8
7062	860.0	-1160.0	4.0	0.0	27.1	26.3
7063	880.0	-1160.0	4.0	0.0	24.8	23.5
7064	900.0	-1160.0	4.0	0.0	24.8	23.3
7065	920.0	-1160.0	4.0	0.0	24.9	23.5
7066	940.0	-1160.0	4.0	0.0	25.0	23.6
7067	960.0	-1160.0	4.0	0.0	25.2	23.8
7068	980.0	-1160.0	4.0	0.0	25.4	24.2
7069	1000.0	-1160.0	4.0	0.0	24.8	23.3
7070	1020.0	-1160.0	4.0	0.0	24.8	23.3
7071	1040.0	-1160.0	4.0	0.0	25.4	24.1
7072	1060.0	-1160.0	4.0	0.0	25.2	23.8
7073	1080.0	-1160.0	4.0	0.0	25.0	23.6
7074	1100.0	-1160.0	4.0	0.0	26.3	23.5
7075	1120.0	-1160.0	4.0	0.0	27.0	24.3
7076	1140.0	-1160.0	4.0	0.0	26.7	24.3
7077	1160.0	-1160.0	4.0	0.0	25.6	24.2
7078	1180.0	-1160.0	4.0	0.0	25.8	24.4
7079	1200.0	-1160.0	4.0	0.0	28.0	24.8
7080	1220.0	-1160.0	4.0	0.0	28.4	25.1
7081	1240.0	-1160.0	4.0	0.0	28.7	24.8
7082	1260.0	-1160.0	4.0	0.0	30.4	27.4
7083	1280.0	-1160.0	4.0	0.0	29.9	29.4
7084	1300.0	-1160.0	4.0	0.0	31.7	31.4
7085	1320.0	-1160.0	4.0	0.0	31.2	30.7
7086	1340.0	-1160.0	4.0	0.0	32.8	32.4
7087	1360.0	-1160.0	4.0	0.0	29.5	28.7
7088	1380.0	-1160.0	4.0	0.0	29.2	28.2
7089	1400.0	-1160.0	4.0	0.0	29.4	28.1
7090	1420.0	-1160.0	4.0	0.0	28.4	27.7
7091	1440.0	-1160.0	4.0	0.0	27.9	27.1
7092	1460.0	-1160.0	4.0	0.0	26.7	25.9
7093	1480.0	-1160.0	4.0	0.0	26.2	25.5
7094	1500.0	-1160.0	4.0	0.0	25.3	24.5
7095	1520.0	-1160.0	4.0	0.0	25.1	24.2
7096	1540.0	-1160.0	4.0	0.0	25.1	24.1
7097	1560.0	-1160.0	4.0	0.0	25.4	24.1
7098	1580.0	-1160.0	4.0	0.0	25.8	24.2
7099	1600.0	-1160.0	4.0	0.0	25.3	24.2
7100	1620.0	-1160.0	4.0	0.0	24.4	23.5
7101	1640.0	-1160.0	4.0	0.0	24.2	23.4
7102	1660.0	-1160.0	4.0	0.0	24.1	23.2
7103	1680.0	-1160.0	4.0	0.0	23.9	23.2
7104	1700.0	-1160.0	4.0	0.0	24.1	23.4
7105	1720.0	-1160.0	4.0	0.0	24.2	23.5
7106	1740.0	-1160.0	4.0	0.0	24.2	23.5
7107	1760.0	-1160.0	4.0	0.0	24.3	23.7
7108	1780.0	-1160.0	4.0	0.0	24.2	23.5
7109	1800.0	-1160.0	4.0	0.0	24.0	23.4
7110	1820.0	-1160.0	4.0	0.0	23.8	23.1
7111	1840.0	-1160.0	4.0	0.0	23.6	23.0
7112	1860.0	-1160.0	4.0	0.0	23.5	22.8
7113	1880.0	-1160.0	4.0	0.0	23.3	22.7
7114	1900.0	-1160.0	4.0	0.0	23.2	22.6
7115	1920.0	-1160.0	4.0	0.0	23.0	22.4
7116	1940.0	-1160.0	4.0	0.0	22.9	22.3
7117	1960.0	-1160.0	4.0	0.0	22.7	22.1
7118	1980.0	-1160.0	4.0	0.0	22.6	22.0
7119	2000.0	-1160.0	4.0	0.0	22.4	21.8
7120	2020.0	-1160.0	4.0	0.0	22.3	21.7
7121	2040.0	-1160.0	4.0	0.0	22.1	21.5
7122	2060.0	-1160.0	4.0	0.0	22.0	21.4
7123	2080.0	-1160.0	4.0	0.0	21.9	21.2
7124	2100.0	-1160.0	4.0	0.0	21.7	21.1
7125	2120.0	-1160.0	4.0	0.0	21.6	21.0
7126	2140.0	-1160.0	4.0	0.0	21.8	20.8
7127	2160.0	-1160.0	4.0	0.0	21.7	20.7
7128	2180.0	-1160.0	4.0	0.0	21.5	20.5
7129	2200.0	-1160.0	4.0	0.0	21.4	20.4
7130	2220.0	-1160.0	4.0	0.0	21.2	20.3
7131	2240.0	-1160.0	4.0	0.0	21.1	20.1
7132	2260.0	-1160.0	4.0	0.0	21.0	20.0
7133	2280.0	-1160.0	4.0	0.0	20.8	19.9
7134	2300.0	-1160.0	4.0	0.0	20.7	19.7

7135	2320.0	-1160.0	4.0	0.0	20.5	19.6
7136	2340.0	-1160.0	4.0	0.0	20.3	19.5
7137	2360.0	-1160.0	4.0	0.0	20.2	19.3
7138	2380.0	-1160.0	4.0	0.0	20.1	19.2
7139	2400.0	-1160.0	4.0	0.0	19.9	19.1
7140	0.0	-1180.0	4.0	0.0	32.5	32.1
7141	20.0	-1180.0	4.0	0.0	32.7	32.3
7142	40.0	-1180.0	4.0	0.0	32.8	32.4
7143	60.0	-1180.0	4.0	0.0	33.0	32.6
7144	80.0	-1180.0	4.0	0.0	33.1	32.7
7145	100.0	-1180.0	4.0	0.0	33.3	32.9
7146	120.0	-1180.0	4.0	0.0	33.5	33.0
7147	140.0	-1180.0	4.0	0.0	33.6	33.2
7148	160.0	-1180.0	4.0	0.0	33.8	33.3
7149	180.0	-1180.0	4.0	0.0	33.9	33.5
7150	200.0	-1180.0	4.0	0.0	34.1	33.6
7151	220.0	-1180.0	4.0	0.0	34.2	33.7
7152	240.0	-1180.0	4.0	0.0	34.4	33.9
7153	260.0	-1180.0	4.0	0.0	34.5	34.0
7154	280.0	-1180.0	4.0	0.0	34.9	34.2
7155	300.0	-1180.0	4.0	0.0	35.1	34.3
7156	320.0	-1180.0	4.0	0.0	35.2	34.5
7157	340.0	-1180.0	4.0	0.0	35.2	34.6
7158	360.0	-1180.0	4.0	0.0	35.3	34.7
7159	380.0	-1180.0	4.0	0.0	35.3	34.9
7160	400.0	-1180.0	4.0	0.0	35.4	35.0
7161	420.0	-1180.0	4.0	0.0	35.6	35.1
7162	440.0	-1180.0	4.0	0.0	35.7	35.3
7163	460.0	-1180.0	4.0	0.0	35.0	34.8
7164	480.0	-1180.0	4.0	0.0	34.6	34.4
7165	500.0	-1180.0	4.0	0.0	33.7	33.5
7166	520.0	-1180.0	4.0	0.0	33.2	33.0
7167	540.0	-1180.0	4.0	0.0	32.6	32.4
7168	560.0	-1180.0	4.0	0.0	32.0	31.8
7169	580.0	-1180.0	4.0	0.0	30.5	30.2
7170	600.0	-1180.0	4.0	0.0	30.4	30.1
7171	620.0	-1180.0	4.0	0.0	27.8	27.3
7172	640.0	-1180.0	4.0	0.0	27.9	27.4
7173	660.0	-1180.0	4.0	0.0	27.7	27.3
7174	680.0	-1180.0	4.0	0.0	26.4	25.7
7175	700.0	-1180.0	4.0	0.0	25.9	25.0
7176	720.0	-1180.0	4.0	0.0	25.7	24.8
7177	740.0	-1180.0	4.0	0.0	26.1	25.2
7178	760.0	-1180.0	4.0	0.0	26.7	25.9
7179	780.0	-1180.0	4.0	0.0	27.4	26.8
7180	800.0	-1180.0	4.0	0.0	28.1	27.5
7181	820.0	-1180.0	4.0	0.0	29.0	28.6
7182	840.0	-1180.0	4.0	0.0	28.7	28.2
7183	860.0	-1180.0	4.0	0.0	26.3	25.4
7184	880.0	-1180.0	4.0	0.0	24.5	23.2
7185	900.0	-1180.0	4.0	0.0	24.5	23.1
7186	920.0	-1180.0	4.0	0.0	24.6	23.2
7187	940.0	-1180.0	4.0	0.0	24.7	23.3
7188	960.0	-1180.0	4.0	0.0	24.9	23.6
7189	980.0	-1180.0	4.0	0.0	25.2	23.9
7190	1000.0	-1180.0	4.0	0.0	24.6	23.1
7191	1020.0	-1180.0	4.0	0.0	24.6	23.1
7192	1040.0	-1180.0	4.0	0.0	25.1	23.8
7193	1060.0	-1180.0	4.0	0.0	24.9	23.5
7194	1080.0	-1180.0	4.0	0.0	24.7	23.3
7195	1100.0	-1180.0	4.0	0.0	26.0	23.2
7196	1120.0	-1180.0	4.0	0.0	26.4	23.6
7197	1140.0	-1180.0	4.0	0.0	26.9	24.0
7198	1160.0	-1180.0	4.0	0.0	25.3	23.9
7199	1180.0	-1180.0	4.0	0.0	25.4	24.0
7200	1200.0	-1180.0	4.0	0.0	25.7	24.5
7201	1220.0	-1180.0	4.0	0.0	28.0	24.8
7202	1240.0	-1180.0	4.0	0.0	28.3	24.6
7203	1260.0	-1180.0	4.0	0.0	29.6	26.4
7204	1280.0	-1180.0	4.0	0.0	28.8	28.2
7205	1300.0	-1180.0	4.0	0.0	30.8	30.4
7206	1320.0	-1180.0	4.0	0.0	30.8	30.3
7207	1340.0	-1180.0	4.0	0.0	32.2	31.8
7208	1360.0	-1180.0	4.0	0.0	29.3	28.5
7209	1380.0	-1180.0	4.0	0.0	28.9	28.0
7210	1400.0	-1180.0	4.0	0.0	29.1	28.0
7211	1420.0	-1180.0	4.0	0.0	28.1	27.4
7212	1440.0	-1180.0	4.0	0.0	28.0	27.2
7213	1460.0	-1180.0	4.0	0.0	27.3	26.6
7214	1480.0	-1180.0	4.0	0.0	26.2	25.3
7215	1500.0	-1180.0	4.0	0.0	25.8	25.2
7216	1520.0	-1180.0	4.0	0.0	24.9	24.0
7217	1540.0	-1180.0	4.0	0.0	24.7	23.9
7218	1560.0	-1180.0	4.0	0.0	24.8	23.8
7219	1580.0	-1180.0	4.0	0.0	25.2	23.8

7220	1600.0	-1180.0	4.0	0.0	25.5	24.1
7221	1620.0	-1180.0	4.0	0.0	24.8	23.8
7222	1640.0	-1180.0	4.0	0.0	24.1	23.3
7223	1660.0	-1180.0	4.0	0.0	24.0	23.2
7224	1680.0	-1180.0	4.0	0.0	23.9	23.1
7225	1700.0	-1180.0	4.0	0.0	24.0	23.2
7226	1720.0	-1180.0	4.0	0.0	24.1	23.4
7227	1740.0	-1180.0	4.0	0.0	24.0	23.4
7228	1760.0	-1180.0	4.0	0.0	24.2	23.5
7229	1780.0	-1180.0	4.0	0.0	24.0	23.4
7230	1800.0	-1180.0	4.0	0.0	23.8	23.2
7231	1820.0	-1180.0	4.0	0.0	23.6	23.0
7232	1840.0	-1180.0	4.0	0.0	23.5	22.9
7233	1860.0	-1180.0	4.0	0.0	23.4	22.7
7234	1880.0	-1180.0	4.0	0.0	23.2	22.6
7235	1900.0	-1180.0	4.0	0.0	23.1	22.4
7236	1920.0	-1180.0	4.0	0.0	22.9	22.3
7237	1940.0	-1180.0	4.0	0.0	22.8	22.1
7238	1960.0	-1180.0	4.0	0.0	22.6	22.0
7239	1980.0	-1180.0	4.0	0.0	22.5	21.9
7240	2000.0	-1180.0	4.0	0.0	22.3	21.7
7241	2020.0	-1180.0	4.0	0.0	22.2	21.6
7242	2040.0	-1180.0	4.0	0.0	22.0	21.4
7243	2060.0	-1180.0	4.0	0.0	21.9	21.3
7244	2080.0	-1180.0	4.0	0.0	21.8	21.2
7245	2100.0	-1180.0	4.0	0.0	21.6	21.0
7246	2120.0	-1180.0	4.0	0.0	21.5	20.9
7247	2140.0	-1180.0	4.0	0.0	21.3	20.7
7248	2160.0	-1180.0	4.0	0.0	21.2	20.6
7249	2180.0	-1180.0	4.0	0.0	21.4	20.5
7250	2200.0	-1180.0	4.0	0.0	21.3	20.3
7251	2220.0	-1180.0	4.0	0.0	21.2	20.2
7252	2240.0	-1180.0	4.0	0.0	21.0	20.0
7253	2260.0	-1180.0	4.0	0.0	20.9	19.9
7254	2280.0	-1180.0	4.0	0.0	20.7	19.8
7255	2300.0	-1180.0	4.0	0.0	20.6	19.6
7256	2320.0	-1180.0	4.0	0.0	20.4	19.5
7257	2340.0	-1180.0	4.0	0.0	20.3	19.4
7258	2360.0	-1180.0	4.0	0.0	20.1	19.2
7259	2380.0	-1180.0	4.0	0.0	20.0	19.1
7260	2400.0	-1180.0	4.0	0.0	19.9	19.0
7261	0.0	-1200.0	4.0	0.0	32.4	32.0
7262	20.0	-1200.0	4.0	0.0	32.6	32.2
7263	40.0	-1200.0	4.0	0.0	32.7	32.3
7264	60.0	-1200.0	4.0	0.0	32.9	32.5
7265	80.0	-1200.0	4.0	0.0	33.0	32.6
7266	100.0	-1200.0	4.0	0.0	33.2	32.8
7267	120.0	-1200.0	4.0	0.0	33.3	32.9
7268	140.0	-1200.0	4.0	0.0	33.5	33.0
7269	160.0	-1200.0	4.0	0.0	33.6	33.2
7270	180.0	-1200.0	4.0	0.0	33.8	33.3
7271	200.0	-1200.0	4.0	0.0	33.9	33.5
7272	220.0	-1200.0	4.0	0.0	34.1	33.6
7273	240.0	-1200.0	4.0	0.0	34.5	33.8
7274	260.0	-1200.0	4.0	0.0	34.6	33.9
7275	280.0	-1200.0	4.0	0.0	34.8	34.0
7276	300.0	-1200.0	4.0	0.0	34.9	34.2
7277	320.0	-1200.0	4.0	0.0	34.9	34.3
7278	340.0	-1200.0	4.0	0.0	35.0	34.5
7279	360.0	-1200.0	4.0	0.0	35.0	34.6
7280	380.0	-1200.0	4.0	0.0	35.1	34.7
7281	400.0	-1200.0	4.0	0.0	35.3	34.8
7282	420.0	-1200.0	4.0	0.0	35.3	35.0
7283	440.0	-1200.0	4.0	0.0	35.1	34.9
7284	460.0	-1200.0	4.0	0.0	34.5	34.3
7285	480.0	-1200.0	4.0	0.0	34.2	34.0
7286	500.0	-1200.0	4.0	0.0	33.2	33.0
7287	520.0	-1200.0	4.0	0.0	32.6	32.4
7288	540.0	-1200.0	4.0	0.0	32.0	31.8
7289	560.0	-1200.0	4.0	0.0	31.4	31.2
7290	580.0	-1200.0	4.0	0.0	30.2	29.9
7291	600.0	-1200.0	4.0	0.0	29.5	29.1
7292	620.0	-1200.0	4.0	0.0	27.5	27.1
7293	640.0	-1200.0	4.0	0.0	27.7	27.2
7294	660.0	-1200.0	4.0	0.0	26.2	25.5
7295	680.0	-1200.0	4.0	0.0	26.1	25.4
7296	700.0	-1200.0	4.0	0.0	25.4	24.5
7297	720.0	-1200.0	4.0	0.0	25.5	24.7
7298	740.0	-1200.0	4.0	0.0	26.0	25.2
7299	760.0	-1200.0	4.0	0.0	26.7	26.0
7300	780.0	-1200.0	4.0	0.0	27.2	26.6
7301	800.0	-1200.0	4.0	0.0	28.0	27.5
7302	820.0	-1200.0	4.0	0.0	28.8	28.4
7303	840.0	-1200.0	4.0	0.0	28.0	27.4
7304	860.0	-1200.0	4.0	0.0	25.5	24.5



7305	880.0	-1200.0	4.0	0.0	24.3	22.9
7306	900.0	-1200.0	4.0	0.0	24.2	22.8
7307	920.0	-1200.0	4.0	0.0	24.3	22.9
7308	940.0	-1200.0	4.0	0.0	24.4	23.1
7309	960.0	-1200.0	4.0	0.0	24.6	23.3
7310	980.0	-1200.0	4.0	0.0	24.9	23.6
7311	1000.0	-1200.0	4.0	0.0	24.3	22.8
7312	1020.0	-1200.0	4.0	0.0	24.3	22.8
7313	1040.0	-1200.0	4.0	0.0	24.9	23.6
7314	1060.0	-1200.0	4.0	0.0	24.6	23.3
7315	1080.0	-1200.0	4.0	0.0	24.5	23.1
7316	1100.0	-1200.0	4.0	0.0	25.7	22.9
7317	1120.0	-1200.0	4.0	0.0	26.0	23.0
7318	1140.0	-1200.0	4.0	0.0	26.6	23.7
7319	1160.0	-1200.0	4.0	0.0	25.1	23.8
7320	1180.0	-1200.0	4.0	0.0	25.0	23.6
7321	1200.0	-1200.0	4.0	0.0	25.5	24.2
7322	1220.0	-1200.0	4.0	0.0	27.6	24.4
7323	1240.0	-1200.0	4.0	0.0	28.0	24.5
7324	1260.0	-1200.0	4.0	0.0	28.8	25.2
7325	1280.0	-1200.0	4.0	0.0	30.3	27.2
7326	1300.0	-1200.0	4.0	0.0	30.1	29.7
7327	1320.0	-1200.0	4.0	0.0	31.0	30.6
7328	1340.0	-1200.0	4.0	0.0	30.9	30.4
7329	1360.0	-1200.0	4.0	0.0	32.3	32.0
7330	1380.0	-1200.0	4.0	0.0	28.7	27.8
7331	1400.0	-1200.0	4.0	0.0	28.7	27.7
7332	1420.0	-1200.0	4.0	0.0	28.4	27.2
7333	1440.0	-1200.0	4.0	0.0	27.9	27.1
7334	1460.0	-1200.0	4.0	0.0	27.5	26.7
7335	1480.0	-1200.0	4.0	0.0	26.3	25.5
7336	1500.0	-1200.0	4.0	0.0	25.7	24.9
7337	1520.0	-1200.0	4.0	0.0	25.3	24.6
7338	1540.0	-1200.0	4.0	0.0	24.5	23.7
7339	1560.0	-1200.0	4.0	0.0	24.4	23.6
7340	1580.0	-1200.0	4.0	0.0	24.7	23.5
7341	1600.0	-1200.0	4.0	0.0	25.0	23.6
7342	1620.0	-1200.0	4.0	0.0	25.1	23.9
7343	1640.0	-1200.0	4.0	0.0	24.3	23.3
7344	1660.0	-1200.0	4.0	0.0	23.9	23.1
7345	1680.0	-1200.0	4.0	0.0	23.8	23.1
7346	1700.0	-1200.0	4.0	0.0	23.9	23.2
7347	1720.0	-1200.0	4.0	0.0	23.9	23.2
7348	1740.0	-1200.0	4.0	0.0	23.9	23.2
7349	1760.0	-1200.0	4.0	0.0	24.0	23.4
7350	1780.0	-1200.0	4.0	0.0	23.8	23.2
7351	1800.0	-1200.0	4.0	0.0	23.7	23.0
7352	1820.0	-1200.0	4.0	0.0	23.5	22.9
7353	1840.0	-1200.0	4.0	0.0	23.4	22.7
7354	1860.0	-1200.0	4.0	0.0	23.2	22.6
7355	1880.0	-1200.0	4.0	0.0	23.1	22.5
7356	1900.0	-1200.0	4.0	0.0	22.9	22.3
7357	1920.0	-1200.0	4.0	0.0	22.8	22.2
7358	1940.0	-1200.0	4.0	0.0	22.7	22.0
7359	1960.0	-1200.0	4.0	0.0	22.5	21.9
7360	1980.0	-1200.0	4.0	0.0	22.4	21.8
7361	2000.0	-1200.0	4.0	0.0	22.2	21.6
7362	2020.0	-1200.0	4.0	0.0	22.1	21.5
7363	2040.0	-1200.0	4.0	0.0	21.9	21.3
7364	2060.0	-1200.0	4.0	0.0	21.8	21.2
7365	2080.0	-1200.0	4.0	0.0	21.7	21.1
7366	2100.0	-1200.0	4.0	0.0	21.5	20.9
7367	2120.0	-1200.0	4.0	0.0	21.4	20.8
7368	2140.0	-1200.0	4.0	0.0	21.2	20.6
7369	2160.0	-1200.0	4.0	0.0	21.1	20.5
7370	2180.0	-1200.0	4.0	0.0	21.0	20.4
7371	2200.0	-1200.0	4.0	0.0	20.8	20.2
7372	2220.0	-1200.0	4.0	0.0	21.1	20.1
7373	2240.0	-1200.0	4.0	0.0	20.9	20.0
7374	2260.0	-1200.0	4.0	0.0	20.8	19.8
7375	2280.0	-1200.0	4.0	0.0	20.6	19.7
7376	2300.0	-1200.0	4.0	0.0	20.5	19.6
7377	2320.0	-1200.0	4.0	0.0	20.3	19.4
7378	2340.0	-1200.0	4.0	0.0	20.2	19.3
7379	2360.0	-1200.0	4.0	0.0	20.1	19.2
7380	2380.0	-1200.0	4.0	0.0	19.9	19.0
7381	2400.0	-1200.0	4.0	0.0	19.8	18.9
7382	0.0	-1220.0	4.0	0.0	32.3	31.9
7383	20.0	-1220.0	4.0	0.0	32.5	32.1
7384	40.0	-1220.0	4.0	0.0	32.6	32.2
7385	60.0	-1220.0	4.0	0.0	32.8	32.4
7386	80.0	-1220.0	4.0	0.0	32.9	32.5
7387	100.0	-1220.0	4.0	0.0	33.1	32.6
7388	120.0	-1220.0	4.0	0.0	33.2	32.8
7389	140.0	-1220.0	4.0	0.0	33.4	32.9

7390	160.0	-1220.0	4.0	0.0	33.5	33.1
7391	180.0	-1220.0	4.0	0.0	33.7	33.2
7392	200.0	-1220.0	4.0	0.0	33.8	33.3
7393	220.0	-1220.0	4.0	0.0	34.2	33.5
7394	240.0	-1220.0	4.0	0.0	34.4	33.6
7395	260.0	-1220.0	4.0	0.0	34.5	33.7
7396	280.0	-1220.0	4.0	0.0	34.6	33.9
7397	300.0	-1220.0	4.0	0.0	34.6	34.0
7398	320.0	-1220.0	4.0	0.0	34.7	34.2
7399	340.0	-1220.0	4.0	0.0	34.7	34.3
7400	360.0	-1220.0	4.0	0.0	34.8	34.4
7401	380.0	-1220.0	4.0	0.0	35.0	34.5
7402	400.0	-1220.0	4.0	0.0	35.0	34.7
7403	420.0	-1220.0	4.0	0.0	34.9	34.7
7404	440.0	-1220.0	4.0	0.0	34.6	34.5
7405	460.0	-1220.0	4.0	0.0	34.0	33.9
7406	480.0	-1220.0	4.0	0.0	33.8	33.6
7407	500.0	-1220.0	4.0	0.0	32.5	32.4
7408	520.0	-1220.0	4.0	0.0	32.0	31.8
7409	540.0	-1220.0	4.0	0.0	31.4	31.2
7410	560.0	-1220.0	4.0	0.0	30.9	30.7
7411	580.0	-1220.0	4.0	0.0	29.9	29.6
7412	600.0	-1220.0	4.0	0.0	28.8	28.5
7413	620.0	-1220.0	4.0	0.0	27.3	26.9
7414	640.0	-1220.0	4.0	0.0	27.5	27.0
7415	660.0	-1220.0	4.0	0.0	25.7	24.9
7416	680.0	-1220.0	4.0	0.0	25.7	25.0
7417	700.0	-1220.0	4.0	0.0	25.1	24.2
7418	720.0	-1220.0	4.0	0.0	25.4	24.6
7419	740.0	-1220.0	4.0	0.0	25.9	25.1
7420	760.0	-1220.0	4.0	0.0	26.6	25.9
7421	780.0	-1220.0	4.0	0.0	27.1	26.5
7422	800.0	-1220.0	4.0	0.0	28.0	27.6
7423	820.0	-1220.0	4.0	0.0	28.4	28.0
7424	840.0	-1220.0	4.0	0.0	27.3	26.7
7425	860.0	-1220.0	4.0	0.0	24.9	23.9
7426	880.0	-1220.0	4.0	0.0	23.9	22.5
7427	900.0	-1220.0	4.0	0.0	24.0	22.6
7428	920.0	-1220.0	4.0	0.0	24.1	22.7
7429	940.0	-1220.0	4.0	0.0	24.2	22.8
7430	960.0	-1220.0	4.0	0.0	24.4	23.1
7431	980.0	-1220.0	4.0	0.0	24.6	23.4
7432	1000.0	-1220.0	4.0	0.0	24.0	22.5
7433	1020.0	-1220.0	4.0	0.0	24.0	22.5
7434	1040.0	-1220.0	4.0	0.0	24.6	23.3
7435	1060.0	-1220.0	4.0	0.0	24.4	23.0
7436	1080.0	-1220.0	4.0	0.0	24.2	22.8
7437	1100.0	-1220.0	4.0	0.0	25.5	22.7
7438	1120.0	-1220.0	4.0	0.0	25.7	22.7
7439	1140.0	-1220.0	4.0	0.0	26.3	23.4
7440	1160.0	-1220.0	4.0	0.0	24.8	23.5
7441	1180.0	-1220.0	4.0	0.0	24.7	23.3
7442	1200.0	-1220.0	4.0	0.0	25.0	23.8
7443	1220.0	-1220.0	4.0	0.0	27.2	24.1
7444	1240.0	-1220.0	4.0	0.0	27.7	24.3
7445	1260.0	-1220.0	4.0	0.0	28.4	25.0
7446	1280.0	-1220.0	4.0	0.0	29.7	26.7
7447	1300.0	-1220.0	4.0	0.0	29.0	28.5
7448	1320.0	-1220.0	4.0	0.0	30.7	30.3
7449	1340.0	-1220.0	4.0	0.0	29.8	29.3
7450	1360.0	-1220.0	4.0	0.0	31.8	31.5
7451	1380.0	-1220.0	4.0	0.0	28.5	27.7
7452	1400.0	-1220.0	4.0	0.0	28.5	27.6
7453	1420.0	-1220.0	4.0	0.0	28.3	27.1
7454	1440.0	-1220.0	4.0	0.0	27.6	26.8
7455	1460.0	-1220.0	4.0	0.0	27.5	26.7
7456	1480.0	-1220.0	4.0	0.0	26.9	26.2
7457	1500.0	-1220.0	4.0	0.0	25.7	24.9
7458	1520.0	-1220.0	4.0	0.0	25.2	24.6
7459	1540.0	-1220.0	4.0	0.0	24.6	23.8
7460	1560.0	-1220.0	4.0	0.0	24.2	23.4
7461	1580.0	-1220.0	4.0	0.0	24.2	23.3
7462	1600.0	-1220.0	4.0	0.0	24.5	23.3
7463	1620.0	-1220.0	4.0	0.0	24.9	23.4
7464	1640.0	-1220.0	4.0	0.0	24.8	23.7
7465	1660.0	-1220.0	4.0	0.0	23.9	23.0
7466	1680.0	-1220.0	4.0	0.0	23.7	22.9
7467	1700.0	-1220.0	4.0	0.0	23.8	23.1
7468	1720.0	-1220.0	4.0	0.0	23.8	23.2
7469	1740.0	-1220.0	4.0	0.0	23.7	23.0
7470	1760.0	-1220.0	4.0	0.0	23.8	23.2
7471	1780.0	-1220.0	4.0	0.0	23.7	23.0
7472	1800.0	-1220.0	4.0	0.0	23.5	22.9
7473	1820.0	-1220.0	4.0	0.0	23.4	22.7
7474	1840.0	-1220.0	4.0	0.0	23.2	22.6

7475	1860.0	-1220.0	4.0	0.0	23.1	22.5
7476	1880.0	-1220.0	4.0	0.0	23.0	22.3
7477	1900.0	-1220.0	4.0	0.0	22.8	22.2
7478	1920.0	-1220.0	4.0	0.0	22.7	22.1
7479	1940.0	-1220.0	4.0	0.0	22.5	21.9
7480	1960.0	-1220.0	4.0	0.0	22.4	21.8
7481	1980.0	-1220.0	4.0	0.0	22.3	21.6
7482	2000.0	-1220.0	4.0	0.0	22.1	21.5
7483	2020.0	-1220.0	4.0	0.0	22.0	21.4
7484	2040.0	-1220.0	4.0	0.0	21.8	21.2
7485	2060.0	-1220.0	4.0	0.0	21.7	21.1
7486	2080.0	-1220.0	4.0	0.0	21.6	21.0
7487	2100.0	-1220.0	4.0	0.0	21.4	20.8
7488	2120.0	-1220.0	4.0	0.0	21.3	20.7
7489	2140.0	-1220.0	4.0	0.0	21.2	20.6
7490	2160.0	-1220.0	4.0	0.0	21.0	20.4
7491	2180.0	-1220.0	4.0	0.0	20.9	20.3
7492	2200.0	-1220.0	4.0	0.0	20.8	20.1
7493	2220.0	-1220.0	4.0	0.0	20.6	20.0
7494	2240.0	-1220.0	4.0	0.0	20.5	19.9
7495	2260.0	-1220.0	4.0	0.0	20.7	19.8
7496	2280.0	-1220.0	4.0	0.0	20.6	19.6
7497	2300.0	-1220.0	4.0	0.0	20.4	19.5
7498	2320.0	-1220.0	4.0	0.0	20.3	19.4
7499	2340.0	-1220.0	4.0	0.0	20.1	19.2
7500	2360.0	-1220.0	4.0	0.0	20.0	19.1
7501	2380.0	-1220.0	4.0	0.0	19.9	19.0
7502	2400.0	-1220.0	4.0	0.0	19.7	18.8
7503	0.0	-1240.0	4.0	0.0	32.2	31.8
7504	20.0	-1240.0	4.0	0.0	32.4	31.9
7505	40.0	-1240.0	4.0	0.0	32.5	32.1
7506	60.0	-1240.0	4.0	0.0	32.7	32.2
7507	80.0	-1240.0	4.0	0.0	32.8	32.4
7508	100.0	-1240.0	4.0	0.0	33.0	32.5
7509	120.0	-1240.0	4.0	0.0	33.1	32.6
7510	140.0	-1240.0	4.0	0.0	33.3	32.8
7511	160.0	-1240.0	4.0	0.0	33.4	32.9
7512	180.0	-1240.0	4.0	0.0	33.5	33.1
7513	200.0	-1240.0	4.0	0.0	33.9	33.2
7514	220.0	-1240.0	4.0	0.0	34.1	33.3
7515	240.0	-1240.0	4.0	0.0	34.2	33.5
7516	260.0	-1240.0	4.0	0.0	34.3	33.6
7517	280.0	-1240.0	4.0	0.0	34.3	33.7
7518	300.0	-1240.0	4.0	0.0	34.4	33.9
7519	320.0	-1240.0	4.0	0.0	34.4	34.0
7520	340.0	-1240.0	4.0	0.0	34.6	34.1
7521	360.0	-1240.0	4.0	0.0	34.7	34.2
7522	380.0	-1240.0	4.0	0.0	34.8	34.4
7523	400.0	-1240.0	4.0	0.0	34.7	34.4
7524	420.0	-1240.0	4.0	0.0	34.4	34.2
7525	440.0	-1240.0	4.0	0.0	34.1	34.0
7526	460.0	-1240.0	4.0	0.0	33.6	33.5
7527	480.0	-1240.0	4.0	0.0	33.2	33.0
7528	500.0	-1240.0	4.0	0.0	32.0	31.8
7529	520.0	-1240.0	4.0	0.0	31.4	31.3
7530	540.0	-1240.0	4.0	0.0	30.8	30.6
7531	560.0	-1240.0	4.0	0.0	30.6	30.4
7532	580.0	-1240.0	4.0	0.0	28.7	28.4
7533	600.0	-1240.0	4.0	0.0	28.6	28.3
7534	620.0	-1240.0	4.0	0.0	27.1	26.6
7535	640.0	-1240.0	4.0	0.0	26.1	25.5
7536	660.0	-1240.0	4.0	0.0	25.2	24.5
7537	680.0	-1240.0	4.0	0.0	25.4	24.7
7538	700.0	-1240.0	4.0	0.0	24.9	24.1
7539	720.0	-1240.0	4.0	0.0	25.3	24.5
7540	740.0	-1240.0	4.0	0.0	25.9	25.1
7541	760.0	-1240.0	4.0	0.0	26.5	25.8
7542	780.0	-1240.0	4.0	0.0	26.9	26.4
7543	800.0	-1240.0	4.0	0.0	28.0	27.5
7544	820.0	-1240.0	4.0	0.0	28.0	27.6
7545	840.0	-1240.0	4.0	0.0	26.6	26.0
7546	860.0	-1240.0	4.0	0.0	24.4	23.3
7547	880.0	-1240.0	4.0	0.0	23.6	22.3
7548	900.0	-1240.0	4.0	0.0	23.7	22.3
7549	920.0	-1240.0	4.0	0.0	23.8	22.4
7550	940.0	-1240.0	4.0	0.0	23.9	22.6
7551	960.0	-1240.0	4.0	0.0	24.1	22.8
7552	980.0	-1240.0	4.0	0.0	24.4	23.1
7553	1000.0	-1240.0	4.0	0.0	23.7	22.3
7554	1020.0	-1240.0	4.0	0.0	23.7	22.3
7555	1040.0	-1240.0	4.0	0.0	24.3	23.1
7556	1060.0	-1240.0	4.0	0.0	24.1	22.8
7557	1080.0	-1240.0	4.0	0.0	23.9	22.5
7558	1100.0	-1240.0	4.0	0.0	25.2	22.4
7559	1120.0	-1240.0	4.0	0.0	25.4	22.5

7560	1140.0	-1240.0	4.0	0.0	26.0	23.1
7561	1160.0	-1240.0	4.0	0.0	24.5	23.1
7562	1180.0	-1240.0	4.0	0.0	24.4	23.0
7563	1200.0	-1240.0	4.0	0.0	24.7	23.4
7564	1220.0	-1240.0	4.0	0.0	26.8	23.7
7565	1240.0	-1240.0	4.0	0.0	27.3	24.0
7566	1260.0	-1240.0	4.0	0.0	28.0	24.9
7567	1280.0	-1240.0	4.0	0.0	28.8	25.7
7568	1300.0	-1240.0	4.0	0.0	27.9	27.3
7569	1320.0	-1240.0	4.0	0.0	29.9	29.5
7570	1340.0	-1240.0	4.0	0.0	30.1	29.7
7571	1360.0	-1240.0	4.0	0.0	30.5	30.0
7572	1380.0	-1240.0	4.0	0.0	31.7	31.4
7573	1400.0	-1240.0	4.0	0.0	28.3	27.4
7574	1420.0	-1240.0	4.0	0.0	28.0	26.9
7575	1440.0	-1240.0	4.0	0.0	27.7	26.7
7576	1460.0	-1240.0	4.0	0.0	27.3	26.6
7577	1480.0	-1240.0	4.0	0.0	27.0	26.2
7578	1500.0	-1240.0	4.0	0.0	26.3	25.6
7579	1520.0	-1240.0	4.0	0.0	25.3	24.4
7580	1540.0	-1240.0	4.0	0.0	24.9	24.2
7581	1560.0	-1240.0	4.0	0.0	24.0	23.2
7582	1580.0	-1240.0	4.0	0.0	23.9	23.1
7583	1600.0	-1240.0	4.0	0.0	24.1	23.0
7584	1620.0	-1240.0	4.0	0.0	24.3	23.0
7585	1640.0	-1240.0	4.0	0.0	24.7	23.2
7586	1660.0	-1240.0	4.0	0.0	24.4	23.4
7587	1680.0	-1240.0	4.0	0.0	23.6	22.7
7588	1700.0	-1240.0	4.0	0.0	23.7	23.0
7589	1720.0	-1240.0	4.0	0.0	23.7	23.1
7590	1740.0	-1240.0	4.0	0.0	23.5	22.9
7591	1760.0	-1240.0	4.0	0.0	23.7	23.0
7592	1780.0	-1240.0	4.0	0.0	23.5	22.9
7593	1800.0	-1240.0	4.0	0.0	23.4	22.8
7594	1820.0	-1240.0	4.0	0.0	23.2	22.6
7595	1840.0	-1240.0	4.0	0.0	23.1	22.5
7596	1860.0	-1240.0	4.0	0.0	23.0	22.3
7597	1880.0	-1240.0	4.0	0.0	22.8	22.2
7598	1900.0	-1240.0	4.0	0.0	22.7	22.1
7599	1920.0	-1240.0	4.0	0.0	22.6	21.9
7600	1940.0	-1240.0	4.0	0.0	22.4	21.8
7601	1960.0	-1240.0	4.0	0.0	22.3	21.7
7602	1980.0	-1240.0	4.0	0.0	22.1	21.5
7603	2000.0	-1240.0	4.0	0.0	22.0	21.4
7604	2020.0	-1240.0	4.0	0.0	21.9	21.3
7605	2040.0	-1240.0	4.0	0.0	21.7	21.1
7606	2060.0	-1240.0	4.0	0.0	21.6	21.0
7607	2080.0	-1240.0	4.0	0.0	21.5	20.9
7608	2100.0	-1240.0	4.0	0.0	21.3	20.7
7609	2120.0	-1240.0	4.0	0.0	21.2	20.6
7610	2140.0	-1240.0	4.0	0.0	21.1	20.5
7611	2160.0	-1240.0	4.0	0.0	20.9	20.3
7612	2180.0	-1240.0	4.0	0.0	20.8	20.2
7613	2200.0	-1240.0	4.0	0.0	20.7	20.1
7614	2220.0	-1240.0	4.0	0.0	20.5	19.9
7615	2240.0	-1240.0	4.0	0.0	20.4	19.8
7616	2260.0	-1240.0	4.0	0.0	20.2	19.7
7617	2280.0	-1240.0	4.0	0.0	20.1	19.5
7618	2300.0	-1240.0	4.0	0.0	20.3	19.4
7619	2320.0	-1240.0	4.0	0.0	20.2	19.3
7620	2340.0	-1240.0	4.0	0.0	20.0	19.2
7621	2360.0	-1240.0	4.0	0.0	19.9	19.0
7622	2380.0	-1240.0	4.0	0.0	19.8	18.9
7623	2400.0	-1240.0	4.0	0.0	19.7	18.8
7624	0.0	-1260.0	4.0	0.0	32.2	31.7
7625	20.0	-1260.0	4.0	0.0	32.3	31.8
7626	40.0	-1260.0	4.0	0.0	32.4	32.0
7627	60.0	-1260.0	4.0	0.0	32.6	32.1
7628	80.0	-1260.0	4.0	0.0	32.7	32.3
7629	100.0	-1260.0	4.0	0.0	32.8	32.4
7630	120.0	-1260.0	4.0	0.0	33.0	32.5
7631	140.0	-1260.0	4.0	0.0	33.1	32.7
7632	160.0	-1260.0	4.0	0.0	33.3	32.8
7633	180.0	-1260.0	4.0	0.0	33.7	32.9
7634	200.0	-1260.0	4.0	0.0	33.8	33.1
7635	220.0	-1260.0	4.0	0.0	33.9	33.2
7636	240.0	-1260.0	4.0	0.0	34.0	33.3
7637	260.0	-1260.0	4.0	0.0	34.0	33.5
7638	280.0	-1260.0	4.0	0.0	34.1	33.6
7639	300.0	-1260.0	4.0	0.0	34.2	33.7
7640	320.0	-1260.0	4.0	0.0	34.3	33.9
7641	340.0	-1260.0	4.0	0.0	34.4	34.0
7642	360.0	-1260.0	4.0	0.0	34.5	34.1
7643	380.0	-1260.0	4.0	0.0	34.5	34.2
7644	400.0	-1260.0	4.0	0.0	34.2	34.0

7645	420.0	-1260.0	4.0	0.0	33.9	33.8
7646	440.0	-1260.0	4.0	0.0	33.7	33.6
7647	460.0	-1260.0	4.0	0.0	33.2	33.1
7648	480.0	-1260.0	4.0	0.0	32.6	32.5
7649	500.0	-1260.0	4.0	0.0	31.4	31.3
7650	520.0	-1260.0	4.0	0.0	30.9	30.7
7651	540.0	-1260.0	4.0	0.0	30.4	30.2
7652	560.0	-1260.0	4.0	0.0	30.2	30.0
7653	580.0	-1260.0	4.0	0.0	28.4	28.1
7654	600.0	-1260.0	4.0	0.0	28.5	28.2
7655	620.0	-1260.0	4.0	0.0	26.9	26.5
7656	640.0	-1260.0	4.0	0.0	25.2	24.5
7657	660.0	-1260.0	4.0	0.0	24.9	24.1
7658	680.0	-1260.0	4.0	0.0	25.1	24.3
7659	700.0	-1260.0	4.0	0.0	24.9	24.0
7660	720.0	-1260.0	4.0	0.0	25.3	24.5
7661	740.0	-1260.0	4.0	0.0	25.8	25.1
7662	760.0	-1260.0	4.0	0.0	26.2	25.6
7663	780.0	-1260.0	4.0	0.0	26.9	26.4
7664	800.0	-1260.0	4.0	0.0	27.9	27.4
7665	820.0	-1260.0	4.0	0.0	27.7	27.2
7666	840.0	-1260.0	4.0	0.0	26.0	25.3
7667	860.0	-1260.0	4.0	0.0	23.8	22.6
7668	880.0	-1260.0	4.0	0.0	23.3	21.9
7669	900.0	-1260.0	4.0	0.0	23.4	21.9
7670	920.0	-1260.0	4.0	0.0	23.5	22.1
7671	940.0	-1260.0	4.0	0.0	23.6	22.2
7672	960.0	-1260.0	4.0	0.0	23.8	22.5
7673	980.0	-1260.0	4.0	0.0	24.0	22.8
7674	1000.0	-1260.0	4.0	0.0	23.4	21.9
7675	1020.0	-1260.0	4.0	0.0	23.4	21.9
7676	1040.0	-1260.0	4.0	0.0	24.0	22.7
7677	1060.0	-1260.0	4.0	0.0	23.8	22.4
7678	1080.0	-1260.0	4.0	0.0	23.6	22.2
7679	1100.0	-1260.0	4.0	0.0	24.9	22.1
7680	1120.0	-1260.0	4.0	0.0	25.1	22.1
7681	1140.0	-1260.0	4.0	0.0	25.5	22.4
7682	1160.0	-1260.0	4.0	0.0	24.3	22.9
7683	1180.0	-1260.0	4.0	0.0	24.1	22.7
7684	1200.0	-1260.0	4.0	0.0	24.3	23.0
7685	1220.0	-1260.0	4.0	0.0	24.6	23.4
7686	1240.0	-1260.0	4.0	0.0	26.9	23.7
7687	1260.0	-1260.0	4.0	0.0	27.7	24.7
7688	1280.0	-1260.0	4.0	0.0	28.0	24.5
7689	1300.0	-1260.0	4.0	0.0	29.6	26.8
7690	1320.0	-1260.0	4.0	0.0	29.1	28.7
7691	1340.0	-1260.0	4.0	0.0	30.7	30.4
7692	1360.0	-1260.0	4.0	0.0	29.5	29.0
7693	1380.0	-1260.0	4.0	0.0	31.3	31.0
7694	1400.0	-1260.0	4.0	0.0	28.1	27.3
7695	1420.0	-1260.0	4.0	0.0	27.7	26.7
7696	1440.0	-1260.0	4.0	0.0	27.8	26.5
7697	1460.0	-1260.0	4.0	0.0	27.1	26.4
7698	1480.0	-1260.0	4.0	0.0	27.0	26.2
7699	1500.0	-1260.0	4.0	0.0	26.5	25.8
7700	1520.0	-1260.0	4.0	0.0	25.4	24.6
7701	1540.0	-1260.0	4.0	0.0	24.9	24.0
7702	1560.0	-1260.0	4.0	0.0	24.6	23.9
7703	1580.0	-1260.0	4.0	0.0	23.7	22.9
7704	1600.0	-1260.0	4.0	0.0	23.6	22.7
7705	1620.0	-1260.0	4.0	0.0	23.8	22.7
7706	1640.0	-1260.0	4.0	0.0	24.2	22.8
7707	1660.0	-1260.0	4.0	0.0	24.4	23.2
7708	1680.0	-1260.0	4.0	0.0	24.0	23.1
7709	1700.0	-1260.0	4.0	0.0	23.5	22.7
7710	1720.0	-1260.0	4.0	0.0	23.5	22.8
7711	1740.0	-1260.0	4.0	0.0	23.5	22.8
7712	1760.0	-1260.0	4.0	0.0	23.6	23.0
7713	1780.0	-1260.0	4.0	0.0	23.4	22.8
7714	1800.0	-1260.0	4.0	0.0	23.2	22.6
7715	1820.0	-1260.0	4.0	0.0	23.1	22.5
7716	1840.0	-1260.0	4.0	0.0	23.0	22.4
7717	1860.0	-1260.0	4.0	0.0	22.8	22.2
7718	1880.0	-1260.0	4.0	0.0	22.7	22.1
7719	1900.0	-1260.0	4.0	0.0	22.6	22.0
7720	1920.0	-1260.0	4.0	0.0	22.4	21.8
7721	1940.0	-1260.0	4.0	0.0	22.3	21.7
7722	1960.0	-1260.0	4.0	0.0	22.2	21.6
7723	1980.0	-1260.0	4.0	0.0	22.0	21.4
7724	2000.0	-1260.0	4.0	0.0	21.9	21.3
7725	2020.0	-1260.0	4.0	0.0	21.8	21.2
7726	2040.0	-1260.0	4.0	0.0	21.6	21.0
7727	2060.0	-1260.0	4.0	0.0	21.5	20.9
7728	2080.0	-1260.0	4.0	0.0	21.4	20.8
7729	2100.0	-1260.0	4.0	0.0	21.2	20.6

7730	2120.0	-1260.0	4.0	0.0	21.1	20.5
7731	2140.0	-1260.0	4.0	0.0	21.0	20.4
7732	2160.0	-1260.0	4.0	0.0	20.8	20.2
7733	2180.0	-1260.0	4.0	0.0	20.7	20.1
7734	2200.0	-1260.0	4.0	0.0	20.6	20.0
7735	2220.0	-1260.0	4.0	0.0	20.4	19.8
7736	2240.0	-1260.0	4.0	0.0	20.3	19.7
7737	2260.0	-1260.0	4.0	0.0	20.1	19.6
7738	2280.0	-1260.0	4.0	0.0	20.0	19.5
7739	2300.0	-1260.0	4.0	0.0	19.8	19.3
7740	2320.0	-1260.0	4.0	0.0	20.1	19.2
7741	2340.0	-1260.0	4.0	0.0	20.0	19.1
7742	2360.0	-1260.0	4.0	0.0	19.8	19.0
7743	2380.0	-1260.0	4.0	0.0	19.7	18.8
7744	2400.0	-1260.0	4.0	0.0	19.5	18.7
7745	0.0	-1280.0	4.0	0.0	32.1	31.6
7746	20.0	-1280.0	4.0	0.0	32.2	31.7
7747	40.0	-1280.0	4.0	0.0	32.3	31.9
7748	60.0	-1280.0	4.0	0.0	32.5	32.0
7749	80.0	-1280.0	4.0	0.0	32.6	32.1
7750	100.0	-1280.0	4.0	0.0	32.7	32.3
7751	120.0	-1280.0	4.0	0.0	32.9	32.4
7752	140.0	-1280.0	4.0	0.0	33.0	32.5
7753	160.0	-1280.0	4.0	0.0	33.4	32.7
7754	180.0	-1280.0	4.0	0.0	33.5	32.8
7755	200.0	-1280.0	4.0	0.0	33.7	32.9
7756	220.0	-1280.0	4.0	0.0	33.7	33.1
7757	240.0	-1280.0	4.0	0.0	33.8	33.2
7758	260.0	-1280.0	4.0	0.0	33.8	33.3
7759	280.0	-1280.0	4.0	0.0	33.9	33.4
7760	300.0	-1280.0	4.0	0.0	34.0	33.6
7761	320.0	-1280.0	4.0	0.0	34.1	33.7
7762	340.0	-1280.0	4.0	0.0	34.2	33.8
7763	360.0	-1280.0	4.0	0.0	34.2	33.9
7764	380.0	-1280.0	4.0	0.0	34.0	33.8
7765	400.0	-1280.0	4.0	0.0	33.7	33.6
7766	420.0	-1280.0	4.0	0.0	33.5	33.4
7767	440.0	-1280.0	4.0	0.0	33.3	33.2
7768	460.0	-1280.0	4.0	0.0	32.6	32.5
7769	480.0	-1280.0	4.0	0.0	32.1	32.0
7770	500.0	-1280.0	4.0	0.0	30.9	30.7
7771	520.0	-1280.0	4.0	0.0	30.3	30.1
7772	540.0	-1280.0	4.0	0.0	30.1	29.9
7773	560.0	-1280.0	4.0	0.0	29.4	29.1
7774	580.0	-1280.0	4.0	0.0	28.2	27.9
7775	600.0	-1280.0	4.0	0.0	28.3	28.0
7776	620.0	-1280.0	4.0	0.0	26.0	25.5
7777	640.0	-1280.0	4.0	0.0	24.8	24.1
7778	660.0	-1280.0	4.0	0.0	24.5	23.7
7779	680.0	-1280.0	4.0	0.0	24.9	24.1
7780	700.0	-1280.0	4.0	0.0	24.8	23.9
7781	720.0	-1280.0	4.0	0.0	25.2	24.4
7782	740.0	-1280.0	4.0	0.0	25.7	25.0
7783	760.0	-1280.0	4.0	0.0	26.1	25.5
7784	780.0	-1280.0	4.0	0.0	26.9	26.4
7785	800.0	-1280.0	4.0	0.0	27.7	27.2
7786	820.0	-1280.0	4.0	0.0	27.2	26.7
7787	840.0	-1280.0	4.0	0.0	25.3	24.5
7788	860.0	-1280.0	4.0	0.0	23.3	22.0
7789	880.0	-1280.0	4.0	0.0	23.0	21.6
7790	900.0	-1280.0	4.0	0.0	23.1	21.7
7791	920.0	-1280.0	4.0	0.0	23.2	21.8
7792	940.0	-1280.0	4.0	0.0	23.3	21.9
7793	960.0	-1280.0	4.0	0.0	23.5	22.2
7794	980.0	-1280.0	4.0	0.0	23.8	22.5
7795	1000.0	-1280.0	4.0	0.0	23.1	21.6
7796	1020.0	-1280.0	4.0	0.0	23.1	21.6
7797	1040.0	-1280.0	4.0	0.0	23.7	22.5
7798	1060.0	-1280.0	4.0	0.0	23.5	22.2
7799	1080.0	-1280.0	4.0	0.0	23.8	21.9
7800	1100.0	-1280.0	4.0	0.0	24.6	21.8
7801	1120.0	-1280.0	4.0	0.0	24.9	21.9
7802	1140.0	-1280.0	4.0	0.0	25.1	21.9
7803	1160.0	-1280.0	4.0	0.0	24.0	22.6
7804	1180.0	-1280.0	4.0	0.0	23.9	22.5
7805	1200.0	-1280.0	4.0	0.0	24.1	22.7
7806	1220.0	-1280.0	4.0	0.0	24.3	23.1
7807	1240.0	-1280.0	4.0	0.0	26.5	23.4
7808	1260.0	-1280.0	4.0	0.0	27.4	24.5
7809	1280.0	-1280.0	4.0	0.0	27.6	24.3
7810	1300.0	-1280.0	4.0	0.0	29.1	26.3
7811	1320.0	-1280.0	4.0	0.0	28.0	27.5
7812	1340.0	-1280.0	4.0	0.0	29.9	29.6
7813	1360.0	-1280.0	4.0	0.0	29.3	28.8
7814	1380.0	-1280.0	4.0	0.0	30.0	29.6

7815	1400.0	-1280.0	4.0	0.0	31.3	31.0
7816	1420.0	-1280.0	4.0	0.0	27.5	26.6
7817	1440.0	-1280.0	4.0	0.0	27.5	26.4
7818	1460.0	-1280.0	4.0	0.0	27.0	26.3
7819	1480.0	-1280.0	4.0	0.0	26.9	26.1
7820	1500.0	-1280.0	4.0	0.0	26.5	25.8
7821	1520.0	-1280.0	4.0	0.0	26.0	25.3
7822	1540.0	-1280.0	4.0	0.0	24.8	24.0
7823	1560.0	-1280.0	4.0	0.0	24.4	23.7
7824	1580.0	-1280.0	4.0	0.0	23.9	23.2
7825	1600.0	-1280.0	4.0	0.0	23.3	22.5
7826	1620.0	-1280.0	4.0	0.0	23.4	22.4
7827	1640.0	-1280.0	4.0	0.0	23.7	22.5
7828	1660.0	-1280.0	4.0	0.0	24.1	22.6
7829	1680.0	-1280.0	4.0	0.0	24.2	23.1
7830	1700.0	-1280.0	4.0	0.0	23.7	22.9
7831	1720.0	-1280.0	4.0	0.0	23.3	22.6
7832	1740.0	-1280.0	4.0	0.0	23.3	22.6
7833	1760.0	-1280.0	4.0	0.0	23.5	22.9
7834	1780.0	-1280.0	4.0	0.0	23.2	22.7
7835	1800.0	-1280.0	4.0	0.0	23.1	22.5
7836	1820.0	-1280.0	4.0	0.0	23.0	22.4
7837	1840.0	-1280.0	4.0	0.0	22.8	22.2
7838	1860.0	-1280.0	4.0	0.0	22.7	22.1
7839	1880.0	-1280.0	4.0	0.0	22.6	22.0
7840	1900.0	-1280.0	4.0	0.0	22.5	21.8
7841	1920.0	-1280.0	4.0	0.0	22.3	21.7
7842	1940.0	-1280.0	4.0	0.0	22.2	21.6
7843	1960.0	-1280.0	4.0	0.0	22.1	21.4
7844	1980.0	-1280.0	4.0	0.0	21.9	21.3
7845	2000.0	-1280.0	4.0	0.0	21.8	21.2
7846	2020.0	-1280.0	4.0	0.0	21.7	21.0
7847	2040.0	-1280.0	4.0	0.0	21.5	20.9
7848	2060.0	-1280.0	4.0	0.0	21.4	20.8
7849	2080.0	-1280.0	4.0	0.0	21.3	20.7
7850	2100.0	-1280.0	4.0	0.0	21.1	20.5
7851	2120.0	-1280.0	4.0	0.0	21.0	20.4
7852	2140.0	-1280.0	4.0	0.0	20.9	20.3
7853	2160.0	-1280.0	4.0	0.0	20.7	20.1
7854	2180.0	-1280.0	4.0	0.0	20.6	20.0
7855	2200.0	-1280.0	4.0	0.0	20.5	19.9
7856	2220.0	-1280.0	4.0	0.0	20.3	19.8
7857	2240.0	-1280.0	4.0	0.0	20.2	19.6
7858	2260.0	-1280.0	4.0	0.0	20.0	19.5
7859	2280.0	-1280.0	4.0	0.0	19.9	19.4
7860	2300.0	-1280.0	4.0	0.0	19.8	19.2
7861	2320.0	-1280.0	4.0	0.0	19.6	19.1
7862	2340.0	-1280.0	4.0	0.0	19.5	19.0
7863	2360.0	-1280.0	4.0	0.0	19.8	18.9
7864	2380.0	-1280.0	4.0	0.0	19.6	18.7
7865	2400.0	-1280.0	4.0	0.0	19.5	18.6
7866	0.0	-1300.0	4.0	0.0	31.9	31.5
7867	20.0	-1300.0	4.0	0.0	32.1	31.6
7868	40.0	-1300.0	4.0	0.0	32.2	31.7
7869	60.0	-1300.0	4.0	0.0	32.3	31.9
7870	80.0	-1300.0	4.0	0.0	32.5	32.0
7871	100.0	-1300.0	4.0	0.0	32.6	32.1
7872	120.0	-1300.0	4.0	0.0	33.0	32.3
7873	140.0	-1300.0	4.0	0.0	33.1	32.4
7874	160.0	-1300.0	4.0	0.0	33.3	32.5
7875	180.0	-1300.0	4.0	0.0	33.4	32.7
7876	200.0	-1300.0	4.0	0.0	33.4	32.8
7877	220.0	-1300.0	4.0	0.0	33.5	32.9
7878	240.0	-1300.0	4.0	0.0	33.5	33.0
7879	260.0	-1300.0	4.0	0.0	33.6	33.2
7880	280.0	-1300.0	4.0	0.0	33.7	33.3
7881	300.0	-1300.0	4.0	0.0	33.8	33.4
7882	320.0	-1300.0	4.0	0.0	33.9	33.5
7883	340.0	-1300.0	4.0	0.0	33.9	33.6
7884	360.0	-1300.0	4.0	0.0	33.8	33.6
7885	380.0	-1300.0	4.0	0.0	33.5	33.4
7886	400.0	-1300.0	4.0	0.0	33.3	33.2
7887	420.0	-1300.0	4.0	0.0	33.1	33.0
7888	440.0	-1300.0	4.0	0.0	32.8	32.7
7889	460.0	-1300.0	4.0	0.0	32.2	32.0
7890	480.0	-1300.0	4.0	0.0	31.7	31.6
7891	500.0	-1300.0	4.0	0.0	30.4	30.2
7892	520.0	-1300.0	4.0	0.0	29.9	29.7
7893	540.0	-1300.0	4.0	0.0	29.7	29.5
7894	560.0	-1300.0	4.0	0.0	29.1	28.8
7895	580.0	-1300.0	4.0	0.0	28.0	27.8
7896	600.0	-1300.0	4.0	0.0	28.2	27.9
7897	620.0	-1300.0	4.0	0.0	24.8	24.1
7898	640.0	-1300.0	4.0	0.0	24.5	23.7
7899	660.0	-1300.0	4.0	0.0	24.3	23.4

7900	680.0	-1300.0	4.0	0.0	24.8	24.0
7901	700.0	-1300.0	4.0	0.0	24.7	23.9
7902	720.0	-1300.0	4.0	0.0	25.2	24.4
7903	740.0	-1300.0	4.0	0.0	25.5	24.8
7904	760.0	-1300.0	4.0	0.0	26.0	25.4
7905	780.0	-1300.0	4.0	0.0	26.9	26.4
7906	800.0	-1300.0	4.0	0.0	27.3	26.9
7907	820.0	-1300.0	4.0	0.0	26.6	26.0
7908	840.0	-1300.0	4.0	0.0	24.6	23.8
7909	860.0	-1300.0	4.0	0.0	22.9	21.5
7910	880.0	-1300.0	4.0	0.0	22.7	21.3
7911	900.0	-1300.0	4.0	0.0	22.8	21.4
7912	920.0	-1300.0	4.0	0.0	22.9	21.5
7913	940.0	-1300.0	4.0	0.0	23.1	21.7
7914	960.0	-1300.0	4.0	0.0	23.3	22.0
7915	980.0	-1300.0	4.0	0.0	23.5	22.3
7916	1000.0	-1300.0	4.0	0.0	22.8	21.3
7917	1020.0	-1300.0	4.0	0.0	22.8	21.3
7918	1040.0	-1300.0	4.0	0.0	23.5	22.2
7919	1060.0	-1300.0	4.0	0.0	23.3	21.9
7920	1080.0	-1300.0	4.0	0.0	23.5	21.6
7921	1100.0	-1300.0	4.0	0.0	24.3	21.4
7922	1120.0	-1300.0	4.0	0.0	24.6	21.5
7923	1140.0	-1300.0	4.0	0.0	24.7	21.4
7924	1160.0	-1300.0	4.0	0.0	23.8	22.4
7925	1180.0	-1300.0	4.0	0.0	23.7	22.4
7926	1200.0	-1300.0	4.0	0.0	23.7	22.4
7927	1220.0	-1300.0	4.0	0.0	24.2	23.0
7928	1240.0	-1300.0	4.0	0.0	26.3	23.2
7929	1260.0	-1300.0	4.0	0.0	27.2	24.6
7930	1280.0	-1300.0	4.0	0.0	27.3	24.2
7931	1300.0	-1300.0	4.0	0.0	28.3	25.3
7932	1320.0	-1300.0	4.0	0.0	29.4	26.6
7933	1340.0	-1300.0	4.0	0.0	29.3	28.9
7934	1360.0	-1300.0	4.0	0.0	30.0	29.7
7935	1380.0	-1300.0	4.0	0.0	29.1	28.5
7936	1400.0	-1300.0	4.0	0.0	31.0	30.6
7937	1420.0	-1300.0	4.0	0.0	27.3	26.4
7938	1440.0	-1300.0	4.0	0.0	27.3	26.3
7939	1460.0	-1300.0	4.0	0.0	27.4	26.0
7940	1480.0	-1300.0	4.0	0.0	26.6	25.9
7941	1500.0	-1300.0	4.0	0.0	26.5	25.8
7942	1520.0	-1300.0	4.0	0.0	26.1	25.3
7943	1540.0	-1300.0	4.0	0.0	25.4	24.7
7944	1560.0	-1300.0	4.0	0.0	24.5	23.6
7945	1580.0	-1300.0	4.0	0.0	24.1	23.4
7946	1600.0	-1300.0	4.0	0.0	23.3	22.4
7947	1620.0	-1300.0	4.0	0.0	23.1	22.2
7948	1640.0	-1300.0	4.0	0.0	23.2	22.2
7949	1660.0	-1300.0	4.0	0.0	23.5	22.2
7950	1680.0	-1300.0	4.0	0.0	23.9	22.4
7951	1700.0	-1300.0	4.0	0.0	24.3	23.4
7952	1720.0	-1300.0	4.0	0.0	23.6	22.9
7953	1740.0	-1300.0	4.0	0.0	23.1	22.5
7954	1760.0	-1300.0	4.0	0.0	23.3	22.7
7955	1780.0	-1300.0	4.0	0.0	23.2	22.6
7956	1800.0	-1300.0	4.0	0.0	22.9	22.4
7957	1820.0	-1300.0	4.0	0.0	22.8	22.2
7958	1840.0	-1300.0	4.0	0.0	22.7	22.1
7959	1860.0	-1300.0	4.0	0.0	22.6	22.0
7960	1880.0	-1300.0	4.0	0.0	22.5	21.8
7961	1900.0	-1300.0	4.0	0.0	22.3	21.7
7962	1920.0	-1300.0	4.0	0.0	22.2	21.6
7963	1940.0	-1300.0	4.0	0.0	22.1	21.5
7964	1960.0	-1300.0	4.0	0.0	21.9	21.3
7965	1980.0	-1300.0	4.0	0.0	21.8	21.2
7966	2000.0	-1300.0	4.0	0.0	21.7	21.1
7967	2020.0	-1300.0	4.0	0.0	21.6	20.9
7968	2040.0	-1300.0	4.0	0.0	21.4	20.8
7969	2060.0	-1300.0	4.0	0.0	21.3	20.7
7970	2080.0	-1300.0	4.0	0.0	21.2	20.6
7971	2100.0	-1300.0	4.0	0.0	21.0	20.4
7972	2120.0	-1300.0	4.0	0.0	20.9	20.3
7973	2140.0	-1300.0	4.0	0.0	20.8	20.2
7974	2160.0	-1300.0	4.0	0.0	20.6	20.0
7975	2180.0	-1300.0	4.0	0.0	20.5	19.9
7976	2200.0	-1300.0	4.0	0.0	20.4	19.8
7977	2220.0	-1300.0	4.0	0.0	20.2	19.7
7978	2240.0	-1300.0	4.0	0.0	20.1	19.5
7979	2260.0	-1300.0	4.0	0.0	19.9	19.4
7980	2280.0	-1300.0	4.0	0.0	19.8	19.3
7981	2300.0	-1300.0	4.0	0.0	19.7	19.2
7982	2320.0	-1300.0	4.0	0.0	19.6	19.0
7983	2340.0	-1300.0	4.0	0.0	19.4	18.9
7984	2360.0	-1300.0	4.0	0.0	19.3	18.8



7985	2380.0	-1300.0	4.0	0.0	19.1	18.7
7986	2400.0	-1300.0	4.0	0.0	19.4	18.6
7987	0.0	-1320.0	4.0	0.0	31.8	31.4
7988	20.0	-1320.0	4.0	0.0	32.0	31.5
7989	40.0	-1320.0	4.0	0.0	32.1	31.6
7990	60.0	-1320.0	4.0	0.0	32.2	31.7
7991	80.0	-1320.0	4.0	0.0	32.3	31.9
7992	100.0	-1320.0	4.0	0.0	32.7	32.0
7993	120.0	-1320.0	4.0	0.0	32.9	32.1
7994	140.0	-1320.0	4.0	0.0	33.0	32.3
7995	160.0	-1320.0	4.0	0.0	33.1	32.4
7996	180.0	-1320.0	4.0	0.0	33.2	32.5
7997	200.0	-1320.0	4.0	0.0	33.2	32.6
7998	220.0	-1320.0	4.0	0.0	33.2	32.8
7999	240.0	-1320.0	4.0	0.0	33.3	32.9
8000	260.0	-1320.0	4.0	0.0	33.4	33.0
8001	280.0	-1320.0	4.0	0.0	33.6	33.1
8002	300.0	-1320.0	4.0	0.0	33.7	33.3
8003	320.0	-1320.0	4.0	0.0	33.7	33.4
8004	340.0	-1320.0	4.0	0.0	33.6	33.4
8005	360.0	-1320.0	4.0	0.0	33.3	33.2
8006	380.0	-1320.0	4.0	0.0	33.1	33.0
8007	400.0	-1320.0	4.0	0.0	32.9	32.8
8008	420.0	-1320.0	4.0	0.0	32.7	32.6
8009	440.0	-1320.0	4.0	0.0	32.3	32.2
8010	460.0	-1320.0	4.0	0.0	31.7	31.6
8011	480.0	-1320.0	4.0	0.0	31.2	31.0
8012	500.0	-1320.0	4.0	0.0	29.8	29.6
8013	520.0	-1320.0	4.0	0.0	29.7	29.5
8014	540.0	-1320.0	4.0	0.0	28.9	28.7
8015	560.0	-1320.0	4.0	0.0	28.9	28.7
8016	580.0	-1320.0	4.0	0.0	27.9	27.6
8017	600.0	-1320.0	4.0	0.0	27.8	27.5
8018	620.0	-1320.0	4.0	0.0	24.4	23.7
8019	640.0	-1320.0	4.0	0.0	24.1	23.3
8020	660.0	-1320.0	4.0	0.0	24.0	23.2
8021	680.0	-1320.0	4.0	0.0	24.6	23.9
8022	700.0	-1320.0	4.0	0.0	24.6	23.8
8023	720.0	-1320.0	4.0	0.0	25.1	24.3
8024	740.0	-1320.0	4.0	0.0	25.3	24.7
8025	760.0	-1320.0	4.0	0.0	25.9	25.4
8026	780.0	-1320.0	4.0	0.0	26.9	26.4
8027	800.0	-1320.0	4.0	0.0	27.0	26.6
8028	820.0	-1320.0	4.0	0.0	26.0	25.4
8029	840.0	-1320.0	4.0	0.0	24.0	23.1
8030	860.0	-1320.0	4.0	0.0	22.6	21.2
8031	880.0	-1320.0	4.0	0.0	22.4	20.9
8032	900.0	-1320.0	4.0	0.0	22.5	21.0
8033	920.0	-1320.0	4.0	0.0	22.6	21.1
8034	940.0	-1320.0	4.0	0.0	22.7	21.3
8035	960.0	-1320.0	4.0	0.0	22.9	21.6
8036	980.0	-1320.0	4.0	0.0	23.1	21.9
8037	1000.0	-1320.0	4.0	0.0	23.2	21.9
8038	1020.0	-1320.0	4.0	0.0	23.2	21.9
8039	1040.0	-1320.0	4.0	0.0	24.1	23.0
8040	1060.0	-1320.0	4.0	0.0	24.0	22.9
8041	1080.0	-1320.0	4.0	0.0	24.3	22.8
8042	1100.0	-1320.0	4.0	0.0	25.0	22.8
8043	1120.0	-1320.0	4.0	0.0	25.2	22.8
8044	1140.0	-1320.0	4.0	0.0	25.3	22.8
8045	1160.0	-1320.0	4.0	0.0	24.9	23.3
8046	1180.0	-1320.0	4.0	0.0	24.4	23.3
8047	1200.0	-1320.0	4.0	0.0	24.4	23.3
8048	1220.0	-1320.0	4.0	0.0	24.7	23.7
8049	1240.0	-1320.0	4.0	0.0	26.4	23.9
8050	1260.0	-1320.0	4.0	0.0	27.1	24.6
8051	1280.0	-1320.0	4.0	0.0	27.2	24.3
8052	1300.0	-1320.0	4.0	0.0	27.5	24.3
8053	1320.0	-1320.0	4.0	0.0	28.9	26.1
8054	1340.0	-1320.0	4.0	0.0	28.2	27.8
8055	1360.0	-1320.0	4.0	0.0	30.0	29.7
8056	1380.0	-1320.0	4.0	0.0	28.1	27.5
8057	1400.0	-1320.0	4.0	0.0	29.7	29.3
8058	1420.0	-1320.0	4.0	0.0	29.4	29.0
8059	1440.0	-1320.0	4.0	0.0	27.0	26.1
8060	1460.0	-1320.0	4.0	0.0	27.1	25.9
8061	1480.0	-1320.0	4.0	0.0	26.4	25.7
8062	1500.0	-1320.0	4.0	0.0	26.3	25.6
8063	1520.0	-1320.0	4.0	0.0	26.0	25.3
8064	1540.0	-1320.0	4.0	0.0	25.5	24.8
8065	1560.0	-1320.0	4.0	0.0	24.4	23.6
8066	1580.0	-1320.0	4.0	0.0	24.1	23.3
8067	1600.0	-1320.0	4.0	0.0	23.8	23.1
8068	1620.0	-1320.0	4.0	0.0	22.9	22.1
8069	1640.0	-1320.0	4.0	0.0	22.9	21.9

8070	1660.0	-1320.0	4.0	0.0	23.0	21.9
8071	1680.0	-1320.0	4.0	0.0	23.4	22.1
8072	1700.0	-1320.0	4.0	0.0	24.0	22.7
8073	1720.0	-1320.0	4.0	0.0	24.2	23.5
8074	1740.0	-1320.0	4.0	0.0	23.2	22.6
8075	1760.0	-1320.0	4.0	0.0	23.2	22.6
8076	1780.0	-1320.0	4.0	0.0	23.0	22.4
8077	1800.0	-1320.0	4.0	0.0	22.9	22.3
8078	1820.0	-1320.0	4.0	0.0	22.7	22.1
8079	1840.0	-1320.0	4.0	0.0	22.6	22.0
8080	1860.0	-1320.0	4.0	0.0	22.5	21.8
8081	1880.0	-1320.0	4.0	0.0	22.3	21.7
8082	1900.0	-1320.0	4.0	0.0	22.2	21.6
8083	1920.0	-1320.0	4.0	0.0	22.1	21.5
8084	1940.0	-1320.0	4.0	0.0	22.0	21.3
8085	1960.0	-1320.0	4.0	0.0	21.8	21.2
8086	1980.0	-1320.0	4.0	0.0	21.7	21.1
8087	2000.0	-1320.0	4.0	0.0	21.6	21.0
8088	2020.0	-1320.0	4.0	0.0	21.4	20.8
8089	2040.0	-1320.0	4.0	0.0	21.3	20.7
8090	2060.0	-1320.0	4.0	0.0	21.2	20.6
8091	2080.0	-1320.0	4.0	0.0	21.1	20.5
8092	2100.0	-1320.0	4.0	0.0	20.9	20.3
8093	2120.0	-1320.0	4.0	0.0	20.8	20.2
8094	2140.0	-1320.0	4.0	0.0	20.7	20.1
8095	2160.0	-1320.0	4.0	0.0	20.6	20.0
8096	2180.0	-1320.0	4.0	0.0	20.4	19.8
8097	2200.0	-1320.0	4.0	0.0	20.3	19.7
8098	2220.0	-1320.0	4.0	0.0	20.1	19.6
8099	2240.0	-1320.0	4.0	0.0	20.0	19.5
8100	2260.0	-1320.0	4.0	0.0	19.8	19.3
8101	2280.0	-1320.0	4.0	0.0	19.7	19.2
8102	2300.0	-1320.0	4.0	0.0	19.6	19.1
8103	2320.0	-1320.0	4.0	0.0	19.5	19.0
8104	2340.0	-1320.0	4.0	0.0	19.4	18.8
8105	2360.0	-1320.0	4.0	0.0	19.2	18.7
8106	2380.0	-1320.0	4.0	0.0	19.1	18.6
8107	2400.0	-1320.0	4.0	0.0	18.9	18.5
8108	0.0	-1340.0	4.0	0.0	31.7	31.3
8109	20.0	-1340.0	4.0	0.0	31.8	31.4
8110	40.0	-1340.0	4.0	0.0	32.0	31.5
8111	60.0	-1340.0	4.0	0.0	32.1	31.6
8112	80.0	-1340.0	4.0	0.0	32.5	31.7
8113	100.0	-1340.0	4.0	0.0	32.6	31.9
8114	120.0	-1340.0	4.0	0.0	32.7	32.0
8115	140.0	-1340.0	4.0	0.0	32.9	32.1
8116	160.0	-1340.0	4.0	0.0	32.9	32.3
8117	180.0	-1340.0	4.0	0.0	32.9	32.4
8118	200.0	-1340.0	4.0	0.0	33.0	32.5
8119	220.0	-1340.0	4.0	0.0	33.1	32.6
8120	240.0	-1340.0	4.0	0.0	33.2	32.7
8121	260.0	-1340.0	4.0	0.0	33.3	32.9
8122	280.0	-1340.0	4.0	0.0	33.4	33.0
8123	300.0	-1340.0	4.0	0.0	33.4	33.1
8124	320.0	-1340.0	4.0	0.0	33.4	33.2
8125	340.0	-1340.0	4.0	0.0	33.1	33.0
8126	360.0	-1340.0	4.0	0.0	32.9	32.8
8127	380.0	-1340.0	4.0	0.0	32.7	32.6
8128	400.0	-1340.0	4.0	0.0	32.6	32.5
8129	420.0	-1340.0	4.0	0.0	32.2	32.1
8130	440.0	-1340.0	4.0	0.0	31.9	31.8
8131	460.0	-1340.0	4.0	0.0	31.2	31.1
8132	480.0	-1340.0	4.0	0.0	30.7	30.6
8133	500.0	-1340.0	4.0	0.0	29.5	29.3
8134	520.0	-1340.0	4.0	0.0	29.1	28.8
8135	540.0	-1340.0	4.0	0.0	28.6	28.4
8136	560.0	-1340.0	4.0	0.0	28.8	28.6
8137	580.0	-1340.0	4.0	0.0	27.8	27.5
8138	600.0	-1340.0	4.0	0.0	25.7	25.2
8139	620.0	-1340.0	4.0	0.0	24.0	23.2
8140	640.0	-1340.0	4.0	0.0	23.8	23.0
8141	660.0	-1340.0	4.0	0.0	23.8	22.9
8142	680.0	-1340.0	4.0	0.0	24.5	23.8
8143	700.0	-1340.0	4.0	0.0	24.5	23.7
8144	720.0	-1340.0	4.0	0.0	24.9	24.2
8145	740.0	-1340.0	4.0	0.0	25.2	24.6
8146	760.0	-1340.0	4.0	0.0	25.9	25.3
8147	780.0	-1340.0	4.0	0.0	26.8	26.4
8148	800.0	-1340.0	4.0	0.0	26.7	26.2
8149	820.0	-1340.0	4.0	0.0	25.4	24.8
8150	840.0	-1340.0	4.0	0.0	23.5	22.5
8151	860.0	-1340.0	4.0	0.0	22.3	20.9
8152	880.0	-1340.0	4.0	0.0	22.2	20.7
8153	900.0	-1340.0	4.0	0.0	22.3	20.8
8154	920.0	-1340.0	4.0	0.0	22.4	20.9

8155	940.0	-1340.0	4.0	0.0	22.5	21.1
8156	960.0	-1340.0	4.0	0.0	22.7	21.4
8157	980.0	-1340.0	4.0	0.0	22.9	21.6
8158	1000.0	-1340.0	4.0	0.0	22.9	21.7
8159	1020.0	-1340.0	4.0	0.0	23.0	21.7
8160	1040.0	-1340.0	4.0	0.0	23.8	22.8
8161	1060.0	-1340.0	4.0	0.0	23.7	22.7
8162	1080.0	-1340.0	4.0	0.0	24.0	22.6
8163	1100.0	-1340.0	4.0	0.0	24.7	22.5
8164	1120.0	-1340.0	4.0	0.0	24.9	22.6
8165	1140.0	-1340.0	4.0	0.0	25.1	22.5
8166	1160.0	-1340.0	4.0	0.0	24.6	22.9
8167	1180.0	-1340.0	4.0	0.0	24.3	23.2
8168	1200.0	-1340.0	4.0	0.0	24.2	23.2
8169	1220.0	-1340.0	4.0	0.0	24.4	23.4
8170	1240.0	-1340.0	4.0	0.0	26.2	23.7
8171	1260.0	-1340.0	4.0	0.0	26.8	24.4
8172	1280.0	-1340.0	4.0	0.0	26.9	24.2
8173	1300.0	-1340.0	4.0	0.0	27.2	24.1
8174	1320.0	-1340.0	4.0	0.0	28.4	25.7
8175	1340.0	-1340.0	4.0	0.0	27.2	26.7
8176	1360.0	-1340.0	4.0	0.0	29.2	28.9
8177	1380.0	-1340.0	4.0	0.0	29.0	28.6
8178	1400.0	-1340.0	4.0	0.0	28.7	28.2
8179	1420.0	-1340.0	4.0	0.0	30.4	30.1
8180	1440.0	-1340.0	4.0	0.0	26.8	25.9
8181	1460.0	-1340.0	4.0	0.0	26.8	25.7
8182	1480.0	-1340.0	4.0	0.0	26.9	25.5
8183	1500.0	-1340.0	4.0	0.0	26.1	25.3
8184	1520.0	-1340.0	4.0	0.0	25.9	25.2
8185	1540.0	-1340.0	4.0	0.0	25.6	24.8
8186	1560.0	-1340.0	4.0	0.0	25.1	24.5
8187	1580.0	-1340.0	4.0	0.0	23.9	23.1
8188	1600.0	-1340.0	4.0	0.0	23.6	23.0
8189	1620.0	-1340.0	4.0	0.0	23.4	22.7
8190	1640.0	-1340.0	4.0	0.0	22.6	21.8
8191	1660.0	-1340.0	4.0	0.0	22.7	21.7
8192	1680.0	-1340.0	4.0	0.0	23.0	21.8
8193	1700.0	-1340.0	4.0	0.0	23.5	22.2
8194	1720.0	-1340.0	4.0	0.0	23.9	22.9
8195	1740.0	-1340.0	4.0	0.0	23.8	23.2
8196	1760.0	-1340.0	4.0	0.0	23.1	22.5
8197	1780.0	-1340.0	4.0	0.0	22.9	22.3
8198	1800.0	-1340.0	4.0	0.0	22.8	22.2
8199	1820.0	-1340.0	4.0	0.0	22.7	22.1
8200	1840.0	-1340.0	4.0	0.0	22.5	21.8
8201	1860.0	-1340.0	4.0	0.0	22.3	21.7
8202	1880.0	-1340.0	4.0	0.0	22.2	21.6
8203	1900.0	-1340.0	4.0	0.0	22.1	21.5
8204	1920.0	-1340.0	4.0	0.0	22.0	21.3
8205	1940.0	-1340.0	4.0	0.0	21.8	21.2
8206	1960.0	-1340.0	4.0	0.0	21.7	21.1
8207	1980.0	-1340.0	4.0	0.0	21.6	21.0
8208	2000.0	-1340.0	4.0	0.0	21.5	20.8
8209	2020.0	-1340.0	4.0	0.0	21.3	20.7
8210	2040.0	-1340.0	4.0	0.0	21.2	20.6
8211	2060.0	-1340.0	4.0	0.0	21.1	20.5
8212	2080.0	-1340.0	4.0	0.0	21.0	20.4
8213	2100.0	-1340.0	4.0	0.0	20.8	20.2
8214	2120.0	-1340.0	4.0	0.0	20.7	20.1
8215	2140.0	-1340.0	4.0	0.0	20.6	20.0
8216	2160.0	-1340.0	4.0	0.0	20.4	19.9
8217	2180.0	-1340.0	4.0	0.0	20.3	19.7
8218	2200.0	-1340.0	4.0	0.0	20.1	19.6
8219	2220.0	-1340.0	4.0	0.0	20.0	19.5
8220	2240.0	-1340.0	4.0	0.0	19.9	19.4
8221	2260.0	-1340.0	4.0	0.0	19.8	19.2
8222	2280.0	-1340.0	4.0	0.0	19.6	19.1
8223	2300.0	-1340.0	4.0	0.0	19.5	19.0
8224	2320.0	-1340.0	4.0	0.0	19.4	18.9
8225	2340.0	-1340.0	4.0	0.0	19.3	18.8
8226	2360.0	-1340.0	4.0	0.0	19.1	18.6
8227	2380.0	-1340.0	4.0	0.0	19.0	18.5
8228	2400.0	-1340.0	4.0	0.0	18.9	18.4
8229	0.0	-1360.0	4.0	0.0	31.6	31.1
8230	20.0	-1360.0	4.0	0.0	31.7	31.3
8231	40.0	-1360.0	4.0	0.0	31.8	31.4
8232	60.0	-1360.0	4.0	0.0	32.3	31.5
8233	80.0	-1360.0	4.0	0.0	32.4	31.6
8234	100.0	-1360.0	4.0	0.0	32.5	31.7
8235	120.0	-1360.0	4.0	0.0	32.6	31.9
8236	140.0	-1360.0	4.0	0.0	32.6	32.0
8237	160.0	-1360.0	4.0	0.0	32.7	32.1
8238	180.0	-1360.0	4.0	0.0	32.7	32.2
8239	200.0	-1360.0	4.0	0.0	32.8	32.4

8240	220.0	-1360.0	4.0	0.0	32.9	32.5
8241	240.0	-1360.0	4.0	0.0	33.0	32.6
8242	260.0	-1360.0	4.0	0.0	33.1	32.7
8243	280.0	-1360.0	4.0	0.0	33.1	32.8
8244	300.0	-1360.0	4.0	0.0	33.1	32.9
8245	320.0	-1360.0	4.0	0.0	32.9	32.8
8246	340.0	-1360.0	4.0	0.0	32.7	32.6
8247	360.0	-1360.0	4.0	0.0	32.5	32.4
8248	380.0	-1360.0	4.0	0.0	32.4	32.3
8249	400.0	-1360.0	4.0	0.0	32.1	32.1
8250	420.0	-1360.0	4.0	0.0	31.8	31.7
8251	440.0	-1360.0	4.0	0.0	31.5	31.4
8252	460.0	-1360.0	4.0	0.0	30.8	30.6
8253	480.0	-1360.0	4.0	0.0	30.3	30.1
8254	500.0	-1360.0	4.0	0.0	29.3	29.1
8255	520.0	-1360.0	4.0	0.0	28.4	28.2
8256	540.0	-1360.0	4.0	0.0	28.4	28.2
8257	560.0	-1360.0	4.0	0.0	28.7	28.5
8258	580.0	-1360.0	4.0	0.0	27.6	27.3
8259	600.0	-1360.0	4.0	0.0	25.3	24.7
8260	620.0	-1360.0	4.0	0.0	23.7	22.9
8261	640.0	-1360.0	4.0	0.0	23.5	22.7
8262	660.0	-1360.0	4.0	0.0	23.7	22.8
8263	680.0	-1360.0	4.0	0.0	24.3	23.6
8264	700.0	-1360.0	4.0	0.0	24.4	23.6
8265	720.0	-1360.0	4.0	0.0	24.7	24.0
8266	740.0	-1360.0	4.0	0.0	25.1	24.5
8267	760.0	-1360.0	4.0	0.0	25.8	25.3
8268	780.0	-1360.0	4.0	0.0	26.6	26.2
8269	800.0	-1360.0	4.0	0.0	26.3	25.9
8270	820.0	-1360.0	4.0	0.0	24.8	24.1
8271	840.0	-1360.0	4.0	0.0	23.0	21.9
8272	860.0	-1360.0	4.0	0.0	22.0	20.6
8273	880.0	-1360.0	4.0	0.0	22.0	20.5
8274	900.0	-1360.0	4.0	0.0	22.0	20.6
8275	920.0	-1360.0	4.0	0.0	22.1	20.7
8276	940.0	-1360.0	4.0	0.0	22.3	20.9
8277	960.0	-1360.0	4.0	0.0	22.5	21.1
8278	980.0	-1360.0	4.0	0.0	22.7	21.4
8279	1000.0	-1360.0	4.0	0.0	23.3	22.2
8280	1020.0	-1360.0	4.0	0.0	23.3	22.2
8281	1040.0	-1360.0	4.0	0.0	24.3	23.5
8282	1060.0	-1360.0	4.0	0.0	24.3	23.5
8283	1080.0	-1360.0	4.0	0.0	24.6	23.5
8284	1100.0	-1360.0	4.0	0.0	25.2	23.5
8285	1120.0	-1360.0	4.0	0.0	25.4	23.5
8286	1140.0	-1360.0	4.0	0.0	25.5	23.5
8287	1160.0	-1360.0	4.0	0.0	25.1	23.7
8288	1180.0	-1360.0	4.0	0.0	24.8	24.0
8289	1200.0	-1360.0	4.0	0.0	24.7	23.9
8290	1220.0	-1360.0	4.0	0.0	24.8	24.0
8291	1240.0	-1360.0	4.0	0.0	25.0	24.2
8292	1260.0	-1360.0	4.0	0.0	26.6	24.3
8293	1280.0	-1360.0	4.0	0.0	26.7	24.1
8294	1300.0	-1360.0	4.0	0.0	26.8	23.8
8295	1320.0	-1360.0	4.0	0.0	27.7	24.8
8296	1340.0	-1360.0	4.0	0.0	28.8	26.1
8297	1360.0	-1360.0	4.0	0.0	28.5	28.1
8298	1380.0	-1360.0	4.0	0.0	29.2	28.9
8299	1400.0	-1360.0	4.0	0.0	27.9	27.3
8300	1420.0	-1360.0	4.0	0.0	29.2	28.8
8301	1440.0	-1360.0	4.0	0.0	28.9	28.5
8302	1460.0	-1360.0	4.0	0.0	26.5	25.5
8303	1480.0	-1360.0	4.0	0.0	26.5	25.3
8304	1500.0	-1360.0	4.0	0.0	25.9	25.1
8305	1520.0	-1360.0	4.0	0.0	25.8	25.0
8306	1540.0	-1360.0	4.0	0.0	25.5	24.7
8307	1560.0	-1360.0	4.0	0.0	25.1	24.4
8308	1580.0	-1360.0	4.0	0.0	24.5	23.8
8309	1600.0	-1360.0	4.0	0.0	23.7	22.9
8310	1620.0	-1360.0	4.0	0.0	23.4	22.7
8311	1640.0	-1360.0	4.0	0.0	22.7	22.0
8312	1660.0	-1360.0	4.0	0.0	22.4	21.6
8313	1680.0	-1360.0	4.0	0.0	22.6	21.6
8314	1700.0	-1360.0	4.0	0.0	23.1	21.9
8315	1720.0	-1360.0	4.0	0.0	23.5	22.2
8316	1740.0	-1360.0	4.0	0.0	23.7	22.9
8317	1760.0	-1360.0	4.0	0.0	23.7	23.0
8318	1780.0	-1360.0	4.0	0.0	22.7	22.1
8319	1800.0	-1360.0	4.0	0.0	22.6	22.0
8320	1820.0	-1360.0	4.0	0.0	22.5	21.9
8321	1840.0	-1360.0	4.0	0.0	22.4	21.8
8322	1860.0	-1360.0	4.0	0.0	22.2	21.6
8323	1880.0	-1360.0	4.0	0.0	22.1	21.5
8324	1900.0	-1360.0	4.0	0.0	22.0	21.3

8325	1920.0	-1360.0	4.0	0.0	21.8	21.2
8326	1940.0	-1360.0	4.0	0.0	21.7	21.1
8327	1960.0	-1360.0	4.0	0.0	21.6	21.0
8328	1980.0	-1360.0	4.0	0.0	21.5	20.9
8329	2000.0	-1360.0	4.0	0.0	21.3	20.7
8330	2020.0	-1360.0	4.0	0.0	21.2	20.6
8331	2040.0	-1360.0	4.0	0.0	21.1	20.5
8332	2060.0	-1360.0	4.0	0.0	21.0	20.4
8333	2080.0	-1360.0	4.0	0.0	20.9	20.2
8334	2100.0	-1360.0	4.0	0.0	20.7	20.1
8335	2120.0	-1360.0	4.0	0.0	20.6	20.0
8336	2140.0	-1360.0	4.0	0.0	20.5	19.9
8337	2160.0	-1360.0	4.0	0.0	20.3	19.8
8338	2180.0	-1360.0	4.0	0.0	20.2	19.6
8339	2200.0	-1360.0	4.0	0.0	20.0	19.5
8340	2220.0	-1360.0	4.0	0.0	19.9	19.4
8341	2240.0	-1360.0	4.0	0.0	19.8	19.3
8342	2260.0	-1360.0	4.0	0.0	19.7	19.2
8343	2280.0	-1360.0	4.0	0.0	19.6	19.0
8344	2300.0	-1360.0	4.0	0.0	19.4	18.9
8345	2320.0	-1360.0	4.0	0.0	19.3	18.8
8346	2340.0	-1360.0	4.0	0.0	19.1	18.7
8347	2360.0	-1360.0	4.0	0.0	19.0	18.6
8348	2380.0	-1360.0	4.0	0.0	18.9	18.4
8349	2400.0	-1360.0	4.0	0.0	18.8	18.3
P1	2279.1	-415.8	4.0	0.0	22.1	21.4
P2	2280.2	-571.5	4.0	0.0	22.3	21.4
P3	2342.4	-739.2	4.0	0.0	21.6	20.6
P4	2346.1	-864.9	4.0	0.0	21.3	20.3
P5	2305.9	-921.4	4.0	0.0	21.4	20.5
P6	697.4	-1167.7	4.0	0.0	26.1	25.3
P7	1015.2	-1281.9	4.0	0.0	23.1	21.6

LAeq , dzień: wartość największa występuje w punkcie (1060,-520,4.0)  
i wynosi 70.6 dB(A)  
LAeq , noc: wartość największa występuje w punkcie (1040,-540,4.0)  
i wynosi 56.3 dB(A)

Koniec obliczeń