

Dane wejściowe i wyniki obliczeń akustycznych

PORA DZIENNA

Program LEQ Professional v. 6-2019 dla Windows

Dane do obliczeń :

Współczynnik gruntu (całego obszaru analizy)-global G = 0.500

Temperatura otoczenia 10[°C]

Źródła punktowe

Nr	X[m]	Y[m]	z[m]	Pma	Symbol
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1	372.6	461.8	14.7	80.9	H2
2	371.8	453.3	14.7	80.9	H2
3	370.9	444.8	14.7	80.9	H2
4	370.1	436.3	14.7	80.9	H2
5	369.3	427.8	14.7	80.9	H2
6	368.4	419.3	14.7	80.9	H2
7	364.5	499.2	9.1	80.9	H4
8	370.1	498.8	9.1	80.9	H4
9	375.6	498.3	9.1	80.9	H4
10	381.2	497.8	9.1	80.9	H4
11	307.0	501.9	1.5	99.1	H5
12	321.8	501.4	1.5	99.1	H5
13	329.7	488.9	1.5	92.1	H6
14	339.8	488.0	1.5	92.1	H6
15	349.9	487.2	1.5	92.1	H6
16	359.9	486.4	1.5	92.1	H6
17	370.0	485.6	1.5	92.1	H6
18	380.0	484.8	1.5	92.1	H6
19	390.1	483.9	1.5	92.1	H6
20	343.3	477.5	1.5	92.1	H6
21	342.7	467.4	1.5	92.1	H6
22	342.1	457.2	1.5	92.1	H6
23	394.0	466.2	1.5	89.8	H7
24	393.5	456.1	1.5	89.8	H7
25	392.9	446.0	1.5	89.8	H7
26	392.3	435.9	1.5	89.8	H7
27	391.7	425.8	1.5	89.8	H7
28	391.2	415.8	1.5	89.8	H7

29	390.6	405.7	1.5	89.8	H7
30	358.2	402.3	1.5	89.8	H7
31	368.4	401.5	1.5	89.8	H7
32	378.6	400.7	1.5	89.8	H7
33	387.9	379.5	1.0	82.1	H8
34	378.8	383.6	1.0	82.1	H8
35	369.8	387.6	1.0	82.1	H8
36	360.8	391.7	1.0	82.1	H8
37	351.7	395.8	1.0	82.1	H8
38	342.7	399.9	1.0	82.1	H8
39	336.6	408.0	1.0	82.1	H8
40	334.8	417.9	1.0	82.1	H8
41	333.0	427.7	1.0	82.1	H8
42	331.2	437.6	1.0	82.1	H8
43	315.0	501.6	2.0	108.0	H9
44	448.2	499.2	2.0	91.7	TRAN1
45	439.5	494.1	2.0	91.7	TRAN1
46	430.7	489.0	2.0	91.7	TRAN1
47	422.0	483.8	2.0	91.7	TRAN1
48	413.2	478.7	2.0	91.7	TRAN1
49	403.4	478.3	2.0	91.7	TRAN1
50	393.5	479.3	2.0	91.7	TRAN1
51	383.6	480.3	2.0	91.7	TRAN1
52	373.8	481.3	2.0	91.7	TRAN1
53	363.8	482.3	2.0	91.7	TRAN1
54	353.9	483.3	2.0	91.7	TRAN1
55	344.1	484.3	2.0	91.7	TRAN1
56	334.1	485.3	2.0	91.7	TRAN1
57	328.2	490.9	2.0	91.7	TRAN1
58	322.9	499.6	2.0	91.7	TRAN1
59	398.4	470.5	2.0	91.7	TRAN1
60	398.0	460.5	2.0	91.7	TRAN1
61	397.6	450.5	2.0	91.7	TRAN1

62	397.2	440.4	2.0	91.7	TRAN1	93	398.5	413.2	2.0	82.9	TRAN3
63	396.8	430.4	2.0	91.7	TRAN1	94	397.6	403.1	2.0	82.9	TRAN3
64	396.4	420.4	2.0	91.7	TRAN1	95	396.8	393.1	2.0	82.9	TRAN3
65	396.0	410.4	2.0	91.7	TRAN1	96	390.9	391.6	2.0	82.9	TRAN3
66	395.6	400.4	2.0	91.7	TRAN1	97	380.3	393.2	2.0	82.9	TRAN3
67	386.3	398.2	2.0	91.7	TRAN1	98	369.7	394.8	2.0	82.9	TRAN3
68	376.3	399.0	2.0	91.7	TRAN1	99	359.1	396.3	2.0	82.9	TRAN3
69	366.3	399.8	2.0	91.7	TRAN1	100	348.5	397.9	2.0	82.9	TRAN3
70	356.3	400.6	2.0	91.7	TRAN1	101	345.1	391.7	2.0	82.9	TRAN3
71	348.4	405.3	2.0	91.7	TRAN1	102	340.5	380.5	2.0	82.9	TRAN3
72	344.7	414.9	2.0	91.7	TRAN1	103	342.6	374.0	2.0	82.9	TRAN3
73	346.5	424.0	2.0	91.7	TRAN1	104	347.6	365.0	2.0	82.9	TRAN3
74	454.7	496.3	1.0	84.8	TRAN2	105	352.6	355.9	2.0	82.9	TRAN3
75	452.3	486.6	1.0	84.8	TRAN2	106	357.6	346.9	2.0	82.9	TRAN3
76	447.9	478.7	1.0	84.8	TRAN2	107	348.7	398.7	1.5	89.8	H7
77	437.6	476.7	1.0	84.8	TRAN2	108	344.9	388.3	1.5	89.8	H7
78	427.3	474.7	1.0	84.8	TRAN2	109	341.1	377.9	1.5	89.8	H7
79	417.1	472.7	1.0	84.8	TRAN2	110	341.8	369.9	1.5	89.8	H7
80	413.5	460.2	1.5	45.0	H10	111	345.9	360.3	1.5	89.8	H7
81	414.0	464.8	1.5	45.0	H11	112	349.9	350.6	1.5	89.8	H7
82	452.9	491.5	2.0	82.9	TRAN3	113	354.0	340.9	1.5	89.8	H7
83	443.6	487.2	2.0	82.9	TRAN3	114	348.9	388.4	1.0	82.1	H8
84	434.4	483.0	2.0	82.9	TRAN3	115	343.5	378.6	1.0	82.1	H8
85	425.1	478.7	2.0	82.9	TRAN3	116	347.2	373.4	1.0	82.1	H8
86	415.9	474.5	2.0	82.9	TRAN3	117	354.4	366.4	1.0	82.1	H8
87	406.7	470.2	2.0	82.9	TRAN3	118	361.6	359.3	1.0	82.1	H8
88	402.5	463.4	2.0	82.9	TRAN3	119	368.8	352.2	1.0	82.1	H8
89	401.7	453.3	2.0	82.9	TRAN3						
90	400.9	443.3	2.0	82.9	TRAN3						
91	400.1	433.2	2.0	82.9	TRAN3						
92	399.3	423.2	2.0	82.9	TRAN3						

Źródła typu hala produkcyjna :

WSPÓŁRZĘDNE WIERZCHOŁKÓW :

Nr X1[m] Y1[m] X2[m] Y2[m] X3[m] Y3[m] X4[m] Y4[m] h0[m] h[m]

1	382.7	409.8	388.5	468.7	359.0	471.1	353.6	411.6	0.0	14.2
2	361.5	507.0	360.8	491.6	384.6	489.4	385.3	505.2	0.0	8.6

POZIOMY HAŁASU i IZOLACYJNOŚĆ PRZEGRÓD

Nr źródła A 63 125 250 500 1000 2000 4000 8000 wsp.odb.

1	sc.1	L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000
		R sc	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	sc.2	L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000
		R sc	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	sc.3	L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000

R sc	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sc.4 L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000
R sc	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
dach L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000
R d	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Nr źródła	A	63	125	250	500	1000	2000	4000	8000	wsp.odb.
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2 sc.1 L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000
R sc	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sc.2 L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000
R sc	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sc.3 L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000
R sc	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sc.4 L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000
R sc	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
dach L wew	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000
R d	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Ekrany akustyczne :

WSPÓŁRZĘDNE WIERZCHOŁKÓW :

Nr	X1[m]	Y1[m]	X2[m]	Y2[m]	X3[m]	Y3[m]	X4[m]	Y4[m]	h0[m]	h[m]	Symbol
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1	384.7	489.3	390.2	488.9	390.9	504.3	385.5	504.6	0.0	5.6	A
2	360.8	492.5	351.2	493.2	352.2	507.3	361.4	506.6	0.0	5.6	B
3	330.4	492.5	347.5	490.6	349.2	511.1	332.5	512.7	0.0	5.6	C
4	352.3	507.4	349.0	507.6	347.7	493.7	351.2	493.5	0.0	5.6	C
5	304.6	492.3	303.3	472.4	320.7	471.8	321.6	491.6	0.0	8.7	11
6	328.4	446.9	328.2	446.2	318.1	448.5	318.2	449.1	0.0	6.0	10
7	318.2	448.5	316.8	442.5	317.2	442.4	318.7	448.4	0.0	6.0	10
8	327.0	440.7	326.9	440.0	317.2	442.3	317.3	442.6	0.0	6.0	10
9	358.3	371.0	394.6	358.9	394.3	358.1	358.1	370.4	0.0	7.0	7
10	358.4	371.0	362.6	381.8	362.2	382.1	357.9	371.0	0.0	7.0	7
11	394.6	358.8	398.5	371.7	398.1	371.9	394.2	359.1	0.0	7.0	7
12	370.8	366.9	374.0	376.2	374.6	376.0	371.4	366.6	0.0	7.0	7
13	383.3	362.7	387.4	375.5	387.8	375.4	383.8	362.6	0.0	7.0	7
14	358.3	372.1	345.8	377.0	346.1	377.6	358.5	372.6	0.0	7.0	7
15	346.6	377.3	350.9	388.7	350.6	389.0	346.1	377.6	0.0	7.0	7
16	360.0	369.7	359.6	369.0	378.0	362.7	378.2	363.5	0.0	6.0	8
17	378.0	362.7	375.4	354.4	374.6	354.7	377.4	362.9	0.0	6.0	8
18	374.3	363.9	371.6	355.8	370.9	356.0	373.6	364.0	0.0	6.0	8
19	370.1	365.4	367.2	357.7	367.8	357.4	370.8	365.2	0.0	6.0	8
20	359.7	369.0	356.6	361.4	357.2	361.1	360.3	368.7	0.0	6.0	8
21	362.0	333.0	362.0	322.1	363.0	322.0	362.9	333.0	0.0	6.0	9
22	363.0	323.0	363.0	322.1	374.0	322.1	374.0	323.0	0.0	6.0	9
23	373.1	333.0	373.0	323.1	373.9	323.0	374.0	333.0	0.0	6.0	9

WSPÓŁCZYNNIKI ODBICIA DLA ŚCIAN

Nr ściana 1 ściana 2 ściana 3 ściana 4 dach

1	1.0000	1.0000	1.0000	1.0000	1.0000
2	1.0000	1.0000	1.0000	1.0000	1.0000
3	1.0000	1.0000	1.0000	1.0000	1.0000
4	1.0000	1.0000	1.0000	1.0000	1.0000
5	1.0000	1.0000	1.0000	1.0000	1.0000
6	1.0000	1.0000	1.0000	1.0000	1.0000
7	1.0000	1.0000	1.0000	1.0000	1.0000
8	1.0000	1.0000	1.0000	1.0000	1.0000
9	1.0000	1.0000	1.0000	1.0000	1.0000
10	1.0000	1.0000	1.0000	1.0000	1.0000
11	1.0000	1.0000	1.0000	1.0000	1.0000
12	1.0000	1.0000	1.0000	1.0000	1.0000
13	1.0000	1.0000	1.0000	1.0000	1.0000
14	1.0000	1.0000	1.0000	1.0000	1.0000
15	1.0000	1.0000	1.0000	1.0000	1.0000
16	1.0000	1.0000	1.0000	1.0000	1.0000
17	1.0000	1.0000	1.0000	1.0000	1.0000
18	1.0000	1.0000	1.0000	1.0000	1.0000
19	1.0000	1.0000	1.0000	1.0000	1.0000
20	1.0000	1.0000	1.0000	1.0000	1.0000
21	1.0000	1.0000	1.0000	1.0000	1.0000
22	1.0000	1.0000	1.0000	1.0000	1.0000
23	1.0000	1.0000	1.0000	1.0000	1.0000

Punkty obserwacji

Nr Symbol X[m] Y[m] z[m] **Leq [dB]**

1	P1	331.9	212.9	4.0	49.8
2	P2	564.0	186.8	4.0	48.5
3	P3	576.7	284.6	4.0	51.0
4	P4	578.6	322.3	4.0	51.6
5	P5	647.4	477.0	4.0	51.0

Program LEQ Professional w. 6-2019

Poziom obliczeń Z = 4.0 [m]

Zbiór danych :

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X[m]	Y[m]	Leq[dB]
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0.0	0.0	0
0.0	10.0	43.62
0.0	20.0	43.72
0.0	30.0	43.91
0.0	40.0	44.24
0.0	50.0	44.36
0.0	60.0	44.53
0.0	70.0	46.49
0.0	80.0	46.57
0.0	90.0	46.83
0.0	100.0	46.91
0.0	110.0	47.07
0.0	120.0	47.11
0.0	130.0	47.39
0.0	140.0	47.45
0.0	150.0	47.50
0.0	160.0	47.59
0.0	170.0	47.64
0.0	180.0	47.79
0.0	190.0	47.97
0.0	200.0	48.10
0.0	210.0	48.25
0.0	220.0	49.44
0.0	230.0	48.28
0.0	240.0	48.87
0.0	250.0	48.94
0.0	260.0	48.93
0.0	270.0	49.12
0.0	280.0	49.04

0.0	290.0	49.51
0.0	300.0	50.59
0.0	310.0	49.52
0.0	320.0	49.55
0.0	330.0	49.60
0.0	340.0	49.52
0.0	350.0	49.67
0.0	360.0	49.75
0.0	370.0	49.78
0.0	380.0	49.84
0.0	390.0	49.94
0.0	400.0	49.87
0.0	410.0	49.88
0.0	420.0	49.87
0.0	430.0	49.85
0.0	440.0	50.04
0.0	450.0	51.62
0.0	460.0	51.63
0.0	470.0	51.73
0.0	480.0	51.74
0.0	490.0	51.73
0.0	500.0	51.73
0.0	510.0	51.76
0.0	520.0	51.74
0.0	530.0	51.76
0.0	540.0	51.77
0.0	550.0	51.75
0.0	560.0	51.70
0.0	570.0	51.62
0.0	580.0	51.54
0.0	590.0	51.46
0.0	600.0	51.36
0.0	610.0	51.26
0.0	620.0	51.17
0.0	630.0	51.08
0.0	640.0	50.98

0.0	650.0	50.91
0.0	660.0	50.80
0.0	670.0	50.65
0.0	680.0	50.55
0.0	690.0	50.55
0.0	700.0	50.43
0.0	710.0	50.34
0.0	720.0	50.16
0.0	730.0	50.04
0.0	740.0	49.92
0.0	750.0	49.66
0.0	760.0	49.52
0.0	770.0	49.42
0.0	780.0	49.25
0.0	790.0	49.09
0.0	800.0	48.96
0.0	810.0	48.81
0.0	820.0	49.97
0.0	830.0	49.83
10.0	0.0	43.38
10.0	10.0	43.60
10.0	20.0	43.83
10.0	30.0	43.91
10.0	40.0	44.15
10.0	50.0	44.48
10.0	60.0	44.61
10.0	70.0	44.78
10.0	80.0	46.71
10.0	90.0	46.83
10.0	100.0	47.05
10.0	110.0	47.18
10.0	120.0	47.33
10.0	130.0	47.35
10.0	140.0	47.66
10.0	150.0	47.69
10.0	160.0	47.75

10.0	170.0	47.83
10.0	180.0	47.87
10.0	190.0	48.06
10.0	200.0	48.22
10.0	210.0	48.31
10.0	220.0	48.40
10.0	230.0	49.74
10.0	240.0	48.89
10.0	250.0	48.83
10.0	260.0	49.04
10.0	270.0	49.24
10.0	280.0	49.43
10.0	290.0	49.63
10.0	300.0	50.71
10.0	310.0	50.87
10.0	320.0	49.82
10.0	330.0	49.80
10.0	340.0	49.97
10.0	350.0	49.88
10.0	360.0	49.97
10.0	370.0	50.00
10.0	380.0	50.07
10.0	390.0	50.17
10.0	400.0	50.10
10.0	410.0	50.12
10.0	420.0	50.13
10.0	430.0	50.10
10.0	440.0	50.29
10.0	450.0	50.35
10.0	460.0	51.88
10.0	470.0	51.99
10.0	480.0	52.00
10.0	490.0	51.97
10.0	500.0	52.01
10.0	510.0	52.00
10.0	520.0	51.99

10.0	530.0	52.00
10.0	540.0	52.01
10.0	550.0	51.98
10.0	560.0	51.92
10.0	570.0	51.86
10.0	580.0	51.76
10.0	590.0	51.67
10.0	600.0	51.62
10.0	610.0	51.49
10.0	620.0	51.40
10.0	630.0	51.32
10.0	640.0	51.23
10.0	650.0	51.13
10.0	660.0	51.00
10.0	670.0	50.83
10.0	680.0	50.73
10.0	690.0	50.76
10.0	700.0	50.66
10.0	710.0	50.49
10.0	720.0	50.35
10.0	730.0	50.21
10.0	740.0	49.97
10.0	750.0	49.81
10.0	760.0	49.72
10.0	770.0	49.54
10.0	780.0	49.38
10.0	790.0	49.24
10.0	800.0	49.10
10.0	810.0	50.25
10.0	820.0	50.10
10.0	830.0	48.71
20.0	0.0	43.57
20.0	10.0	43.65
20.0	20.0	43.84
20.0	30.0	44.07
20.0	40.0	44.20

20.0	50.0	44.45
20.0	60.0	44.77
20.0	70.0	44.83
20.0	80.0	45.02
20.0	90.0	46.90
20.0	100.0	47.06
20.0	110.0	47.24
20.0	120.0	47.37
20.0	130.0	47.50
20.0	140.0	47.64
20.0	150.0	47.98
20.0	160.0	47.94
20.0	170.0	47.98
20.0	180.0	48.00
20.0	190.0	48.12
20.0	200.0	48.37
20.0	210.0	48.51
20.0	220.0	48.69
20.0	230.0	48.70
20.0	240.0	49.05
20.0	250.0	49.23
20.0	260.0	49.15
20.0	270.0	49.28
20.0	280.0	49.46
20.0	290.0	49.55
20.0	300.0	50.00
20.0	310.0	51.10
20.0	320.0	50.08
20.0	330.0	50.07
20.0	340.0	50.12
20.0	350.0	50.09
20.0	360.0	50.22
20.0	370.0	50.19
20.0	380.0	50.34
20.0	390.0	50.39
20.0	400.0	50.39

20.0	410.0	50.39
20.0	420.0	50.36
20.0	430.0	50.38
20.0	440.0	50.56
20.0	450.0	50.64
20.0	460.0	52.13
20.0	470.0	52.25
20.0	480.0	52.26
20.0	490.0	52.23
20.0	500.0	52.30
20.0	510.0	52.28
20.0	520.0	52.25
20.0	530.0	52.28
20.0	540.0	52.28
20.0	550.0	52.22
20.0	560.0	52.18
20.0	570.0	52.13
20.0	580.0	52.01
20.0	590.0	51.91
20.0	600.0	51.82
20.0	610.0	51.72
20.0	620.0	51.63
20.0	630.0	51.52
20.0	640.0	51.43
20.0	650.0	51.34
20.0	660.0	51.19
20.0	670.0	51.08
20.0	680.0	51.05
20.0	690.0	50.96
20.0	700.0	50.83
20.0	710.0	50.65
20.0	720.0	50.52
20.0	730.0	50.40
20.0	740.0	50.12
20.0	750.0	50.01
20.0	760.0	49.84

20.0	770.0	49.66
20.0	780.0	49.53
20.0	790.0	49.38
20.0	800.0	50.53
20.0	810.0	50.38
20.0	820.0	48.98
20.0	830.0	48.83
30.0	0.0	43.52
30.0	10.0	43.71
30.0	20.0	43.98
30.0	30.0	44.10
30.0	40.0	44.34
30.0	50.0	44.45
30.0	60.0	44.72
30.0	70.0	45.02
30.0	80.0	45.04
30.0	90.0	45.21
30.0	100.0	47.16
30.0	110.0	47.34
30.0	120.0	47.49
30.0	130.0	47.63
30.0	140.0	47.75
30.0	150.0	47.97
30.0	160.0	48.13
30.0	170.0	48.22
30.0	180.0	48.31
30.0	190.0	48.27
30.0	200.0	48.38
30.0	210.0	48.62
30.0	220.0	48.81
30.0	230.0	48.80
30.0	240.0	48.99
30.0	250.0	49.33
30.0	260.0	49.62
30.0	270.0	49.74
30.0	280.0	49.75

30.0	290.0	49.93
30.0	300.0	50.16
30.0	310.0	51.26
30.0	320.0	51.32
30.0	330.0	50.31
30.0	340.0	50.34
30.0	350.0	50.36
30.0	360.0	50.47
30.0	370.0	50.50
30.0	380.0	50.57
30.0	390.0	50.65
30.0	400.0	50.67
30.0	410.0	50.65
30.0	420.0	50.63
30.0	430.0	50.64
30.0	440.0	50.83
30.0	450.0	50.92
30.0	460.0	52.40
30.0	470.0	52.52
30.0	480.0	52.53
30.0	490.0	52.50
30.0	500.0	52.56
30.0	510.0	52.53
30.0	520.0	52.50
30.0	530.0	52.54
30.0	540.0	52.55
30.0	550.0	52.52
30.0	560.0	52.44
30.0	570.0	52.36
30.0	580.0	52.24
30.0	590.0	52.16
30.0	600.0	52.05
30.0	610.0	51.95
30.0	620.0	51.86
30.0	630.0	51.78
30.0	640.0	51.69

30.0	650.0	51.54	40.0	170.0	48.41	40.0	530.0	52.83
30.0	660.0	51.42	40.0	180.0	48.44	40.0	540.0	52.83
30.0	670.0	51.41	40.0	190.0	48.47	40.0	550.0	52.77
30.0	680.0	51.28	40.0	200.0	48.43	40.0	560.0	52.69
30.0	690.0	51.15	40.0	210.0	48.73	40.0	570.0	52.61
30.0	700.0	50.98	40.0	220.0	48.92	40.0	580.0	52.50
30.0	710.0	50.84	40.0	230.0	49.10	40.0	590.0	52.42
30.0	720.0	50.72	40.0	240.0	49.12	40.0	600.0	52.29
30.0	730.0	50.43	40.0	250.0	49.30	40.0	610.0	52.20
30.0	740.0	50.31	40.0	260.0	49.41	40.0	620.0	52.07
30.0	750.0	50.14	40.0	270.0	49.94	40.0	630.0	51.99
30.0	760.0	49.99	40.0	280.0	49.98	40.0	640.0	51.89
30.0	770.0	49.82	40.0	290.0	50.12	40.0	650.0	51.74
30.0	780.0	49.67	40.0	300.0	50.32	40.0	660.0	51.61
30.0	790.0	50.82	40.0	310.0	50.33	40.0	670.0	51.61
30.0	800.0	50.67	40.0	320.0	51.61	40.0	680.0	51.49
30.0	810.0	49.26	40.0	330.0	50.53	40.0	690.0	51.33
30.0	820.0	49.10	40.0	340.0	50.61	40.0	700.0	51.16
30.0	830.0	49.01	40.0	350.0	50.65	40.0	710.0	51.04
40.0	0.0	43.62	40.0	360.0	50.71	40.0	720.0	50.76
40.0	10.0	43.79	40.0	370.0	50.74	40.0	730.0	50.62
40.0	20.0	43.92	40.0	380.0	50.87	40.0	740.0	50.44
40.0	30.0	44.21	40.0	390.0	50.85	40.0	750.0	50.31
40.0	40.0	44.22	40.0	400.0	50.98	40.0	760.0	50.14
40.0	50.0	44.55	40.0	410.0	50.94	40.0	770.0	49.96
40.0	60.0	44.69	40.0	420.0	50.92	40.0	780.0	51.13
40.0	70.0	44.94	40.0	430.0	50.91	40.0	790.0	50.98
40.0	80.0	45.30	40.0	440.0	51.10	40.0	800.0	49.55
40.0	90.0	45.29	40.0	450.0	51.19	40.0	810.0	49.39
40.0	100.0	45.47	40.0	460.0	52.67	40.0	820.0	49.30
40.0	110.0	47.47	40.0	470.0	52.80	40.0	830.0	49.13
40.0	120.0	47.60	40.0	480.0	52.79	50.0	0.0	43.59
40.0	130.0	47.81	40.0	490.0	52.79	50.0	10.0	43.71
40.0	140.0	47.92	40.0	500.0	52.85	50.0	20.0	44.02
40.0	150.0	48.01	40.0	510.0	52.81	50.0	30.0	44.06
40.0	160.0	48.29	40.0	520.0	52.77	50.0	40.0	44.38

50.0	50.0	44.50	50.0	410.0	51.21	50.0	770.0	51.43
50.0	60.0	44.76	50.0	420.0	51.19	50.0	780.0	51.27
50.0	70.0	44.93	50.0	430.0	51.19	50.0	790.0	49.85
50.0	80.0	45.17	50.0	440.0	51.20	50.0	800.0	49.68
50.0	90.0	45.57	50.0	450.0	51.44	50.0	810.0	49.59
50.0	100.0	45.71	50.0	460.0	52.96	50.0	820.0	49.40
50.0	110.0	45.79	50.0	470.0	53.08	50.0	830.0	49.28
50.0	120.0	45.85	50.0	480.0	53.08	60.0	0.0	43.96
50.0	130.0	47.88	50.0	490.0	53.08	60.0	10.0	43.95
50.0	140.0	48.00	50.0	500.0	53.13	60.0	20.0	44.02
50.0	150.0	48.23	50.0	510.0	53.09	60.0	30.0	44.24
50.0	160.0	48.30	50.0	520.0	53.06	60.0	40.0	44.37
50.0	170.0	48.58	50.0	530.0	53.12	60.0	50.0	44.61
50.0	180.0	48.70	50.0	540.0	53.07	60.0	60.0	44.80
50.0	190.0	48.70	50.0	550.0	53.05	60.0	70.0	45.02
50.0	200.0	48.65	50.0	560.0	52.94	60.0	80.0	45.19
50.0	210.0	48.74	50.0	570.0	52.86	60.0	90.0	45.44
50.0	220.0	48.99	50.0	580.0	52.76	60.0	100.0	45.87
50.0	230.0	49.24	50.0	590.0	52.66	60.0	110.0	45.98
50.0	240.0	49.32	50.0	600.0	52.54	60.0	120.0	46.07
50.0	250.0	49.48	50.0	610.0	52.44	60.0	130.0	46.09
50.0	260.0	48.23	50.0	620.0	52.36	60.0	140.0	48.16
50.0	270.0	50.06	50.0	630.0	52.26	60.0	150.0	48.27
50.0	280.0	50.32	50.0	640.0	52.09	60.0	160.0	48.47
50.0	290.0	50.08	50.0	650.0	52.00	60.0	170.0	48.59
50.0	300.0	50.25	50.0	660.0	51.97	60.0	180.0	48.77
50.0	310.0	50.64	50.0	670.0	51.84	60.0	190.0	48.95
50.0	320.0	51.79	50.0	680.0	51.70	60.0	200.0	48.97
50.0	330.0	51.80	50.0	690.0	51.50	60.0	210.0	48.92
50.0	340.0	50.92	50.0	700.0	51.38	60.0	220.0	49.04
50.0	350.0	50.94	50.0	710.0	51.08	60.0	230.0	49.24
50.0	360.0	50.95	50.0	720.0	50.96	60.0	240.0	49.53
50.0	370.0	51.02	50.0	730.0	50.77	60.0	250.0	49.62
50.0	380.0	51.07	50.0	740.0	50.62	60.0	260.0	49.70
50.0	390.0	51.15	50.0	750.0	50.43	60.0	270.0	48.65
50.0	400.0	51.23	50.0	760.0	50.27	60.0	280.0	50.46

60.0	290.0	50.52
60.0	300.0	50.71
60.0	310.0	50.63
60.0	320.0	51.12
60.0	330.0	52.16
60.0	340.0	51.15
60.0	350.0	51.18
60.0	360.0	51.23
60.0	370.0	51.31
60.0	380.0	51.35
60.0	390.0	51.43
60.0	400.0	51.46
60.0	410.0	51.47
60.0	420.0	51.47
60.0	430.0	51.47
60.0	440.0	51.54
60.0	450.0	51.71
60.0	460.0	53.24
60.0	470.0	53.26
60.0	480.0	53.38
60.0	490.0	53.36
60.0	500.0	53.40
60.0	510.0	53.40
60.0	520.0	53.37
60.0	530.0	53.41
60.0	540.0	53.36
60.0	550.0	53.32
60.0	560.0	53.24
60.0	570.0	53.11
60.0	580.0	53.02
60.0	590.0	52.91
60.0	600.0	52.80
60.0	610.0	52.68
60.0	620.0	52.60
60.0	630.0	52.47
60.0	640.0	52.35

60.0	650.0	52.32
60.0	660.0	52.18
60.0	670.0	52.05
60.0	680.0	51.84
60.0	690.0	51.69
60.0	700.0	51.56
60.0	710.0	51.30
60.0	720.0	51.11
60.0	730.0	50.95
60.0	740.0	50.77
60.0	750.0	50.58
60.0	760.0	51.75
60.0	770.0	51.57
60.0	780.0	50.16
60.0	790.0	49.99
60.0	800.0	49.87
60.0	810.0	49.72
60.0	820.0	49.57
60.0	830.0	49.37
70.0	0.0	44.06
70.0	10.0	44.28
70.0	20.0	44.27
70.0	30.0	44.26
70.0	40.0	44.43
70.0	50.0	44.61
70.0	60.0	44.86
70.0	70.0	44.97
70.0	80.0	45.32
70.0	90.0	45.38
70.0	100.0	45.72
70.0	110.0	46.10
70.0	120.0	46.24
70.0	130.0	46.31
70.0	140.0	46.39
70.0	150.0	48.42
70.0	160.0	48.47

70.0	170.0	48.72
70.0	180.0	49.03
70.0	190.0	49.10
70.0	200.0	49.21
70.0	210.0	49.10
70.0	220.0	49.19
70.0	230.0	49.38
70.0	240.0	49.64
70.0	250.0	49.86
70.0	260.0	49.89
70.0	270.0	50.08
70.0	280.0	49.03
70.0	290.0	50.83
70.0	300.0	50.84
70.0	310.0	50.82
70.0	320.0	51.05
70.0	330.0	52.38
70.0	340.0	52.49
70.0	350.0	51.49
70.0	360.0	51.55
70.0	370.0	51.58
70.0	380.0	51.59
70.0	390.0	51.71
70.0	400.0	51.77
70.0	410.0	51.81
70.0	420.0	51.76
70.0	430.0	51.74
70.0	440.0	51.84
70.0	450.0	52.00
70.0	460.0	53.54
70.0	470.0	53.55
70.0	480.0	53.68
70.0	490.0	53.67
70.0	500.0	53.72
70.0	510.0	53.70
70.0	520.0	53.69

70.0	530.0	53.70	80.0	50.0	44.73	80.0	410.0	52.14
70.0	540.0	53.65	80.0	60.0	44.80	80.0	420.0	52.12
70.0	550.0	53.59	80.0	70.0	45.11	80.0	430.0	52.05
70.0	560.0	53.51	80.0	80.0	45.19	80.0	440.0	52.11
70.0	570.0	53.37	80.0	90.0	45.53	80.0	450.0	52.31
70.0	580.0	53.31	80.0	100.0	45.65	80.0	460.0	52.35
70.0	590.0	53.18	80.0	110.0	45.96	80.0	470.0	53.86
70.0	600.0	53.03	80.0	120.0	46.32	80.0	480.0	54.00
70.0	610.0	52.95	80.0	130.0	46.50	80.0	490.0	53.97
70.0	620.0	52.88	80.0	140.0	46.58	80.0	500.0	54.01
70.0	630.0	52.73	80.0	150.0	46.75	80.0	510.0	53.99
70.0	640.0	52.60	80.0	160.0	48.73	80.0	520.0	54.01
70.0	650.0	52.55	80.0	170.0	48.76	80.0	530.0	54.01
70.0	660.0	52.41	80.0	180.0	48.98	80.0	540.0	53.99
70.0	670.0	52.22	80.0	190.0	49.37	80.0	550.0	53.87
70.0	680.0	52.07	80.0	200.0	49.37	80.0	560.0	53.79
70.0	690.0	51.92	80.0	210.0	49.53	80.0	570.0	53.67
70.0	700.0	51.65	80.0	220.0	49.49	80.0	580.0	53.56
70.0	710.0	51.46	80.0	230.0	49.50	80.0	590.0	53.46
70.0	720.0	51.29	80.0	240.0	49.64	80.0	600.0	53.32
70.0	730.0	51.11	80.0	250.0	49.98	80.0	610.0	53.24
70.0	740.0	52.24	80.0	260.0	50.05	80.0	620.0	53.11
70.0	750.0	52.08	80.0	270.0	50.24	80.0	630.0	52.95
70.0	760.0	51.89	80.0	280.0	48.75	80.0	640.0	52.95
70.0	770.0	50.48	80.0	290.0	49.50	80.0	650.0	52.80
70.0	780.0	50.30	80.0	300.0	51.11	80.0	660.0	52.62
70.0	790.0	50.19	80.0	310.0	51.22	80.0	670.0	52.43
70.0	800.0	50.04	80.0	320.0	51.46	80.0	680.0	52.28
70.0	810.0	49.83	80.0	330.0	51.66	80.0	690.0	52.01
70.0	820.0	49.65	80.0	340.0	52.76	80.0	700.0	51.82
70.0	830.0	49.49	80.0	350.0	51.74	80.0	710.0	51.66
80.0	0.0	44.43	80.0	360.0	51.80	80.0	720.0	51.46
80.0	10.0	44.41	80.0	370.0	51.77	80.0	730.0	52.59
80.0	20.0	44.45	80.0	380.0	51.95	80.0	740.0	52.41
80.0	30.0	44.63	80.0	390.0	51.98	80.0	750.0	52.22
80.0	40.0	44.52	80.0	400.0	52.04	80.0	760.0	50.81

80.0	770.0	50.68	90.0	290.0	49.59	90.0	650.0	53.03
80.0	780.0	50.51	90.0	300.0	49.84	90.0	660.0	52.81
80.0	790.0	50.34	90.0	310.0	51.43	90.0	670.0	52.66
80.0	800.0	50.14	90.0	320.0	51.61	90.0	680.0	52.50
80.0	810.0	49.96	90.0	330.0	51.90	90.0	690.0	52.19
80.0	820.0	49.78	90.0	340.0	52.94	90.0	700.0	52.00
80.0	830.0	49.61	90.0	350.0	52.07	90.0	710.0	51.80
90.0	0.0	44.28	90.0	360.0	52.09	90.0	720.0	52.95
90.0	10.0	44.52	90.0	370.0	52.11	90.0	730.0	52.77
90.0	20.0	44.74	90.0	380.0	52.20	90.0	740.0	52.56
90.0	30.0	44.81	90.0	390.0	52.33	90.0	750.0	51.15
90.0	40.0	44.94	90.0	400.0	52.33	90.0	760.0	51.02
90.0	50.0	45.04	90.0	410.0	52.42	90.0	770.0	50.88
90.0	60.0	45.05	90.0	420.0	52.45	90.0	780.0	50.66
90.0	70.0	45.12	90.0	430.0	52.40	90.0	790.0	50.45
90.0	80.0	45.32	90.0	440.0	52.45	90.0	800.0	50.26
90.0	90.0	45.60	90.0	450.0	52.63	90.0	810.0	50.08
90.0	100.0	45.80	90.0	460.0	52.69	90.0	820.0	49.90
90.0	110.0	45.95	90.0	470.0	54.19	90.0	830.0	49.74
90.0	120.0	46.25	90.0	480.0	54.32	100.0	0.0	44.30
90.0	130.0	46.65	90.0	490.0	54.30	100.0	10.0	44.59
90.0	140.0	46.82	90.0	500.0	54.30	100.0	20.0	44.67
90.0	150.0	46.99	90.0	510.0	54.33	100.0	30.0	44.85
90.0	160.0	47.12	90.0	520.0	54.32	100.0	40.0	45.15
90.0	170.0	48.99	90.0	530.0	54.31	100.0	50.0	45.20
90.0	180.0	49.10	90.0	540.0	54.29	100.0	60.0	45.25
90.0	190.0	49.20	90.0	550.0	54.19	100.0	70.0	45.46
90.0	200.0	49.68	90.0	560.0	54.05	100.0	80.0	45.39
90.0	210.0	49.69	90.0	570.0	53.98	100.0	90.0	45.54
90.0	220.0	49.85	90.0	580.0	53.86	100.0	100.0	45.88
90.0	230.0	49.74	90.0	590.0	53.71	100.0	110.0	46.07
90.0	240.0	49.81	90.0	600.0	53.62	100.0	120.0	46.19
90.0	250.0	50.09	90.0	610.0	53.54	100.0	130.0	46.55
90.0	260.0	50.32	90.0	620.0	53.37	100.0	140.0	46.95
90.0	270.0	50.41	90.0	630.0	53.33	100.0	150.0	47.12
90.0	280.0	50.47	90.0	640.0	53.16	100.0	160.0	47.24

100.0	170.0	47.35	100.0	530.0	54.65	110.0	50.0	45.26
100.0	180.0	49.28	100.0	540.0	54.60	110.0	60.0	45.56
100.0	190.0	49.38	100.0	550.0	54.52	110.0	70.0	45.62
100.0	200.0	49.58	100.0	560.0	54.36	110.0	80.0	45.73
100.0	210.0	49.91	100.0	570.0	54.29	110.0	90.0	45.76
100.0	220.0	49.96	100.0	580.0	54.11	110.0	100.0	45.84
100.0	230.0	49.93	100.0	590.0	54.03	110.0	110.0	46.09
100.0	240.0	50.06	100.0	600.0	53.92	110.0	120.0	46.27
100.0	250.0	50.11	100.0	610.0	53.80	110.0	130.0	46.51
100.0	260.0	50.38	100.0	620.0	53.64	110.0	140.0	46.91
100.0	270.0	50.65	100.0	630.0	53.59	110.0	150.0	47.25
100.0	280.0	50.73	100.0	640.0	53.44	110.0	160.0	47.44
100.0	290.0	50.90	100.0	650.0	53.21	110.0	170.0	47.55
100.0	300.0	49.94	100.0	660.0	53.07	110.0	180.0	47.72
100.0	310.0	51.74	100.0	670.0	52.90	110.0	190.0	49.59
100.0	320.0	51.72	100.0	680.0	52.57	110.0	200.0	49.69
100.0	330.0	52.09	100.0	690.0	52.38	110.0	210.0	50.04
100.0	340.0	52.33	100.0	700.0	52.17	110.0	220.0	50.22
100.0	350.0	53.38	100.0	710.0	53.32	110.0	230.0	50.32
100.0	360.0	52.40	100.0	720.0	53.12	110.0	240.0	50.25
100.0	370.0	52.48	100.0	730.0	52.92	110.0	250.0	50.42
100.0	380.0	52.45	100.0	740.0	51.50	110.0	260.0	50.50
100.0	390.0	52.64	100.0	750.0	51.36	110.0	270.0	50.74
100.0	400.0	52.66	100.0	760.0	51.21	110.0	280.0	51.03
100.0	410.0	52.72	100.0	770.0	50.97	110.0	290.0	51.13
100.0	420.0	52.76	100.0	780.0	50.77	110.0	300.0	50.08
100.0	430.0	52.75	100.0	790.0	50.58	110.0	310.0	50.11
100.0	440.0	52.75	100.0	800.0	50.39	110.0	320.0	51.94
100.0	450.0	52.78	100.0	810.0	50.21	110.0	330.0	52.30
100.0	460.0	53.00	100.0	820.0	50.05	110.0	340.0	52.51
100.0	470.0	54.52	100.0	830.0	49.86	110.0	350.0	53.58
100.0	480.0	54.63	110.0	0.0	44.39	110.0	360.0	52.75
100.0	490.0	54.62	110.0	10.0	44.55	110.0	370.0	52.85
100.0	500.0	54.63	110.0	20.0	44.74	110.0	380.0	52.77
100.0	510.0	54.66	110.0	30.0	44.95	110.0	390.0	52.91
100.0	520.0	54.67	110.0	40.0	45.08	110.0	400.0	52.97

110.0	410.0	53.02	110.0	770.0	51.11	120.0	290.0	51.28
110.0	420.0	53.09	110.0	780.0	50.91	120.0	300.0	51.43
110.0	430.0	53.13	110.0	790.0	50.71	120.0	310.0	50.14
110.0	440.0	53.09	110.0	800.0	50.53	120.0	320.0	50.86
110.0	450.0	53.14	110.0	810.0	50.35	120.0	330.0	52.50
110.0	460.0	53.29	110.0	820.0	50.17	120.0	340.0	52.75
110.0	470.0	54.87	110.0	830.0	50.00	120.0	350.0	52.95
110.0	480.0	54.98	120.0	0.0	44.14	120.0	360.0	54.06
110.0	490.0	54.97	120.0	10.0	44.67	120.0	370.0	53.10
110.0	500.0	54.99	120.0	20.0	44.78	120.0	380.0	53.07
110.0	510.0	54.99	120.0	30.0	44.88	120.0	390.0	53.07
110.0	520.0	55.00	120.0	40.0	45.17	120.0	400.0	53.33
110.0	530.0	54.98	120.0	50.0	45.34	120.0	410.0	53.36
110.0	540.0	54.93	120.0	60.0	45.42	120.0	420.0	53.47
110.0	550.0	54.80	120.0	70.0	45.82	120.0	430.0	53.44
110.0	560.0	54.66	120.0	80.0	46.05	120.0	440.0	53.46
110.0	570.0	54.59	120.0	90.0	45.99	120.0	450.0	53.48
110.0	580.0	54.43	120.0	100.0	46.21	120.0	460.0	53.67
110.0	590.0	54.33	120.0	110.0	46.13	120.0	470.0	55.23
110.0	600.0	54.24	120.0	120.0	46.46	120.0	480.0	55.32
110.0	610.0	54.06	120.0	130.0	46.51	120.0	490.0	55.35
110.0	620.0	54.02	120.0	140.0	46.87	120.0	500.0	55.36
110.0	630.0	53.86	120.0	150.0	47.04	120.0	510.0	55.34
110.0	640.0	53.66	120.0	160.0	47.57	120.0	520.0	55.37
110.0	650.0	53.48	120.0	170.0	47.74	120.0	530.0	55.32
110.0	660.0	53.31	120.0	180.0	47.89	120.0	540.0	55.27
110.0	670.0	52.97	120.0	190.0	48.04	120.0	550.0	55.13
110.0	680.0	52.77	120.0	200.0	49.89	120.0	560.0	55.03
110.0	690.0	52.56	120.0	210.0	49.98	120.0	570.0	54.87
110.0	700.0	53.70	120.0	220.0	50.44	120.0	580.0	54.74
110.0	710.0	53.49	120.0	230.0	50.54	120.0	590.0	54.68
110.0	720.0	53.29	120.0	240.0	50.68	120.0	600.0	54.53
110.0	730.0	51.86	120.0	250.0	50.57	120.0	610.0	54.36
110.0	740.0	51.74	120.0	260.0	50.74	120.0	620.0	54.28
110.0	750.0	51.53	120.0	270.0	50.85	120.0	630.0	54.11
110.0	760.0	51.31	120.0	280.0	51.11	120.0	640.0	53.91

120.0	650.0	53.74	130.0	170.0	47.79	130.0	530.0	55.72
120.0	660.0	53.52	130.0	180.0	48.08	130.0	540.0	55.60
120.0	670.0	53.19	130.0	190.0	48.16	130.0	550.0	55.47
120.0	680.0	52.98	130.0	200.0	48.38	130.0	560.0	55.38
120.0	690.0	54.10	130.0	210.0	50.27	130.0	570.0	55.20
120.0	700.0	53.88	130.0	220.0	50.34	130.0	580.0	55.11
120.0	710.0	53.68	130.0	230.0	50.66	130.0	590.0	55.01
120.0	720.0	52.24	130.0	240.0	50.86	130.0	600.0	54.81
120.0	730.0	52.12	130.0	250.0	50.93	130.0	610.0	54.76
120.0	740.0	51.87	130.0	260.0	50.98	130.0	620.0	54.55
120.0	750.0	51.66	130.0	270.0	51.14	130.0	630.0	54.35
120.0	760.0	51.45	130.0	280.0	51.19	130.0	640.0	54.17
120.0	770.0	51.24	130.0	290.0	51.50	130.0	650.0	53.95
120.0	780.0	51.04	130.0	300.0	51.66	130.0	660.0	53.62
120.0	790.0	50.86	130.0	310.0	51.83	130.0	670.0	53.40
120.0	800.0	50.67	130.0	320.0	51.01	130.0	680.0	54.52
120.0	810.0	50.47	130.0	330.0	50.89	130.0	690.0	54.28
120.0	820.0	50.29	130.0	340.0	53.00	130.0	700.0	54.07
120.0	830.0	50.15	130.0	350.0	53.19	130.0	710.0	53.86
130.0	0.0	44.14	130.0	360.0	54.25	130.0	720.0	52.50
130.0	10.0	44.37	130.0	370.0	53.43	130.0	730.0	52.24
130.0	20.0	44.63	130.0	380.0	53.52	130.0	740.0	52.02
130.0	30.0	45.08	130.0	390.0	53.49	130.0	750.0	51.81
130.0	40.0	45.21	130.0	400.0	53.73	130.0	760.0	51.60
130.0	50.0	45.31	130.0	410.0	53.72	130.0	770.0	51.40
130.0	60.0	45.57	130.0	420.0	53.79	130.0	780.0	51.20
130.0	70.0	45.71	130.0	430.0	53.81	130.0	790.0	51.00
130.0	80.0	45.95	130.0	440.0	53.83	130.0	800.0	50.80
130.0	90.0	46.22	130.0	450.0	53.84	130.0	810.0	50.60
130.0	100.0	46.32	130.0	460.0	54.03	130.0	820.0	50.45
130.0	110.0	46.47	130.0	470.0	55.59	130.0	830.0	50.25
130.0	120.0	46.66	130.0	480.0	55.69	140.0	0.0	44.18
130.0	130.0	46.77	130.0	490.0	55.73	140.0	10.0	44.29
130.0	140.0	46.85	130.0	500.0	55.76	140.0	20.0	44.57
130.0	150.0	47.19	130.0	510.0	55.70	140.0	30.0	44.74
130.0	160.0	47.46	130.0	520.0	55.74	140.0	40.0	45.32

140.0	50.0	45.46	140.0	410.0	54.06	140.0	770.0	51.54
140.0	60.0	45.67	140.0	420.0	54.21	140.0	780.0	51.33
140.0	70.0	45.85	140.0	430.0	54.17	140.0	790.0	51.12
140.0	80.0	46.00	140.0	440.0	54.20	140.0	800.0	50.97
140.0	90.0	46.10	140.0	450.0	54.24	140.0	810.0	50.76
140.0	100.0	46.43	140.0	460.0	54.44	140.0	820.0	50.55
140.0	110.0	46.63	140.0	470.0	55.96	140.0	830.0	50.20
140.0	120.0	46.80	140.0	480.0	56.09	150.0	0.0	44.10
140.0	130.0	47.02	140.0	490.0	56.13	150.0	10.0	44.35
140.0	140.0	47.20	140.0	500.0	56.17	150.0	20.0	44.60
140.0	150.0	47.20	140.0	510.0	56.10	150.0	30.0	44.75
140.0	160.0	47.49	140.0	520.0	56.13	150.0	40.0	45.05
140.0	170.0	47.80	140.0	530.0	56.10	150.0	50.0	45.21
140.0	180.0	48.08	140.0	540.0	55.97	150.0	60.0	45.71
140.0	190.0	48.43	140.0	550.0	55.84	150.0	70.0	45.95
140.0	200.0	48.51	140.0	560.0	55.69	150.0	80.0	46.10
140.0	210.0	48.84	140.0	570.0	55.55	150.0	90.0	46.29
140.0	220.0	50.64	140.0	580.0	55.46	150.0	100.0	46.48
140.0	230.0	50.77	140.0	590.0	55.31	150.0	110.0	46.61
140.0	240.0	51.04	140.0	600.0	55.25	150.0	120.0	46.86
140.0	250.0	51.27	140.0	610.0	55.03	150.0	130.0	47.13
140.0	260.0	51.15	140.0	620.0	54.85	150.0	140.0	47.38
140.0	270.0	51.32	140.0	630.0	54.63	150.0	150.0	47.53
140.0	280.0	51.53	140.0	640.0	54.41	150.0	160.0	47.62
140.0	290.0	51.60	140.0	650.0	54.07	150.0	170.0	47.76
140.0	300.0	51.90	140.0	660.0	53.84	150.0	180.0	48.05
140.0	310.0	52.03	140.0	670.0	54.95	150.0	190.0	48.52
140.0	320.0	51.04	140.0	680.0	54.71	150.0	200.0	48.82
140.0	330.0	51.45	140.0	690.0	54.49	150.0	210.0	48.95
140.0	340.0	51.73	140.0	700.0	54.31	150.0	220.0	49.10
140.0	350.0	53.52	140.0	710.0	52.88	150.0	230.0	50.93
140.0	360.0	53.69	140.0	720.0	52.62	150.0	240.0	51.23
140.0	370.0	54.73	140.0	730.0	52.40	150.0	250.0	51.42
140.0	380.0	53.86	140.0	740.0	52.18	150.0	260.0	51.62
140.0	390.0	53.91	140.0	750.0	51.96	150.0	270.0	51.58
140.0	400.0	53.85	140.0	760.0	51.76	150.0	280.0	51.69

150.0	290.0	51.95	150.0	650.0	54.31	160.0	170.0	48.14
150.0	300.0	52.02	150.0	660.0	55.39	160.0	180.0	48.15
150.0	310.0	52.29	150.0	670.0	55.16	160.0	190.0	48.43
150.0	320.0	52.37	150.0	680.0	54.92	160.0	200.0	48.90
150.0	330.0	51.42	150.0	690.0	54.73	160.0	210.0	49.24
150.0	340.0	51.96	150.0	700.0	53.29	160.0	220.0	49.43
150.0	350.0	52.18	150.0	710.0	53.04	160.0	230.0	49.46
150.0	360.0	53.91	150.0	720.0	52.79	160.0	240.0	51.32
150.0	370.0	54.98	150.0	730.0	52.56	160.0	250.0	51.60
150.0	380.0	54.32	150.0	740.0	52.34	160.0	260.0	51.87
150.0	390.0	54.26	150.0	750.0	52.13	160.0	270.0	51.80
150.0	400.0	54.18	150.0	760.0	51.90	160.0	280.0	51.92
150.0	410.0	54.33	150.0	770.0	51.68	160.0	290.0	52.12
150.0	420.0	54.57	150.0	780.0	51.50	160.0	300.0	52.33
150.0	430.0	54.53	150.0	790.0	51.30	160.0	310.0	52.47
150.0	440.0	54.64	150.0	800.0	51.08	160.0	320.0	52.61
150.0	450.0	54.70	150.0	810.0	50.73	160.0	330.0	52.80
150.0	460.0	54.70	150.0	820.0	50.53	160.0	340.0	51.69
150.0	470.0	54.93	150.0	830.0	50.33	160.0	350.0	52.14
150.0	480.0	56.53	160.0	0.0	43.84	160.0	360.0	52.66
150.0	490.0	56.56	160.0	10.0	44.26	160.0	370.0	54.47
150.0	500.0	56.61	160.0	20.0	44.50	160.0	380.0	55.67
150.0	510.0	56.58	160.0	30.0	44.78	160.0	390.0	54.60
150.0	520.0	56.58	160.0	40.0	44.94	160.0	400.0	54.59
150.0	530.0	56.52	160.0	50.0	45.27	160.0	410.0	54.75
150.0	540.0	56.39	160.0	60.0	45.54	160.0	420.0	54.98
150.0	550.0	56.23	160.0	70.0	45.64	160.0	430.0	54.98
150.0	560.0	56.08	160.0	80.0	46.17	160.0	440.0	55.09
150.0	570.0	55.96	160.0	90.0	46.46	160.0	450.0	55.14
150.0	580.0	55.85	160.0	100.0	46.64	160.0	460.0	55.17
150.0	590.0	55.61	160.0	110.0	46.73	160.0	470.0	55.40
150.0	600.0	55.55	160.0	120.0	46.81	160.0	480.0	57.00
150.0	610.0	55.34	160.0	130.0	47.26	160.0	490.0	57.05
150.0	620.0	55.11	160.0	140.0	47.33	160.0	500.0	57.09
150.0	630.0	54.88	160.0	150.0	47.73	160.0	510.0	57.05
150.0	640.0	54.54	160.0	160.0	47.96	160.0	520.0	57.04

160.0	530.0	56.95	170.0	50.0	45.19	170.0	410.0	55.13
160.0	540.0	56.83	170.0	60.0	45.41	170.0	420.0	55.25
160.0	550.0	56.67	170.0	70.0	45.73	170.0	430.0	55.50
160.0	560.0	56.49	170.0	80.0	45.90	170.0	440.0	55.58
160.0	570.0	56.39	170.0	90.0	46.15	170.0	450.0	55.67
160.0	580.0	56.18	170.0	100.0	46.61	170.0	460.0	55.70
160.0	590.0	56.08	170.0	110.0	46.88	170.0	470.0	55.87
160.0	600.0	55.87	170.0	120.0	47.03	170.0	480.0	57.44
160.0	610.0	55.63	170.0	130.0	47.23	170.0	490.0	57.52
160.0	620.0	55.40	170.0	140.0	47.36	170.0	500.0	57.61
160.0	630.0	55.15	170.0	150.0	47.63	170.0	510.0	57.56
160.0	640.0	54.79	170.0	160.0	47.97	170.0	520.0	57.56
160.0	650.0	55.86	170.0	170.0	48.27	170.0	530.0	57.44
160.0	660.0	55.63	170.0	180.0	48.66	170.0	540.0	57.26
160.0	670.0	55.39	170.0	190.0	48.60	170.0	550.0	57.13
160.0	680.0	55.16	170.0	200.0	48.83	170.0	560.0	57.02
160.0	690.0	53.73	170.0	210.0	49.30	170.0	570.0	56.83
160.0	700.0	53.46	170.0	220.0	49.58	170.0	580.0	56.72
160.0	710.0	53.21	170.0	230.0	49.73	170.0	590.0	56.43
160.0	720.0	52.97	170.0	240.0	49.86	170.0	600.0	56.21
160.0	730.0	52.74	170.0	250.0	51.71	170.0	610.0	55.93
160.0	740.0	52.51	170.0	260.0	52.00	170.0	620.0	55.68
160.0	750.0	52.27	170.0	270.0	52.13	170.0	630.0	55.32
160.0	760.0	52.03	170.0	280.0	52.16	170.0	640.0	56.37
160.0	770.0	51.86	170.0	290.0	52.35	170.0	650.0	56.11
160.0	780.0	51.63	170.0	300.0	52.56	170.0	660.0	55.88
160.0	790.0	51.41	170.0	310.0	52.75	170.0	670.0	55.62
160.0	800.0	51.07	170.0	320.0	52.94	170.0	680.0	54.16
160.0	810.0	50.84	170.0	330.0	52.99	170.0	690.0	53.90
160.0	820.0	50.64	170.0	340.0	51.99	170.0	700.0	53.64
160.0	830.0	50.37	170.0	350.0	52.27	170.0	710.0	53.39
170.0	0.0	43.79	170.0	360.0	52.84	170.0	720.0	53.15
170.0	10.0	44.02	170.0	370.0	53.16	170.0	730.0	52.89
170.0	20.0	44.16	170.0	380.0	55.78	170.0	740.0	52.65
170.0	30.0	44.62	170.0	390.0	55.10	170.0	750.0	52.45
170.0	40.0	44.85	170.0	400.0	55.10	170.0	760.0	52.22

170.0	770.0	51.99	180.0	290.0	52.57	180.0	650.0	56.38
170.0	780.0	51.63	180.0	300.0	52.82	180.0	660.0	56.13
170.0	790.0	51.40	180.0	310.0	53.00	180.0	670.0	54.64
170.0	800.0	51.17	180.0	320.0	53.18	180.0	680.0	54.36
170.0	810.0	50.88	180.0	330.0	53.46	180.0	690.0	54.09
170.0	820.0	50.65	180.0	340.0	53.47	180.0	700.0	53.84
170.0	830.0	50.42	180.0	350.0	52.39	180.0	710.0	53.57
180.0	0.0	43.93	180.0	360.0	52.93	180.0	720.0	53.31
180.0	10.0	44.07	180.0	370.0	53.49	180.0	730.0	53.08
180.0	20.0	44.28	180.0	380.0	53.74	180.0	740.0	52.83
180.0	30.0	44.37	180.0	390.0	56.51	180.0	750.0	52.59
180.0	40.0	44.57	180.0	400.0	55.49	180.0	760.0	52.37
180.0	50.0	44.96	180.0	410.0	55.57	180.0	770.0	51.98
180.0	60.0	45.36	180.0	420.0	55.77	180.0	780.0	51.79
180.0	70.0	45.62	180.0	430.0	56.00	180.0	790.0	51.44
180.0	80.0	45.93	180.0	440.0	56.04	180.0	800.0	51.19
180.0	90.0	46.20	180.0	450.0	56.20	180.0	810.0	50.95
180.0	100.0	46.50	180.0	460.0	56.24	180.0	820.0	50.71
180.0	110.0	46.92	180.0	470.0	56.43	180.0	830.0	50.49
180.0	120.0	47.16	180.0	480.0	58.00	190.0	0.0	43.91
180.0	130.0	47.48	180.0	490.0	58.08	190.0	10.0	44.04
180.0	140.0	47.58	180.0	500.0	58.15	190.0	20.0	44.11
180.0	150.0	47.79	180.0	510.0	58.13	190.0	30.0	44.27
180.0	160.0	47.91	180.0	520.0	58.15	190.0	40.0	44.73
180.0	170.0	48.22	180.0	530.0	57.98	190.0	50.0	44.79
180.0	180.0	48.54	180.0	540.0	57.82	190.0	60.0	45.09
180.0	190.0	48.92	180.0	550.0	57.63	190.0	70.0	45.46
180.0	200.0	49.19	180.0	560.0	57.49	190.0	80.0	45.75
180.0	210.0	49.33	180.0	570.0	57.25	190.0	90.0	46.04
180.0	220.0	49.70	180.0	580.0	57.09	190.0	100.0	46.37
180.0	230.0	49.99	180.0	590.0	56.84	190.0	110.0	46.74
180.0	240.0	50.16	180.0	600.0	56.55	190.0	120.0	46.94
180.0	250.0	50.40	180.0	610.0	56.25	190.0	130.0	47.49
180.0	260.0	52.22	180.0	620.0	55.86	190.0	140.0	47.66
180.0	270.0	52.39	180.0	630.0	56.91	190.0	150.0	47.93
180.0	280.0	52.52	180.0	640.0	56.64	190.0	160.0	48.11

190.0	170.0	48.40	190.0	530.0	58.54	200.0	50.0	44.78
190.0	180.0	48.47	190.0	540.0	58.37	200.0	60.0	44.83
190.0	190.0	48.85	190.0	550.0	58.25	200.0	70.0	45.05
190.0	200.0	49.33	190.0	560.0	58.03	200.0	80.0	45.54
190.0	210.0	49.56	190.0	570.0	57.84	200.0	90.0	45.96
190.0	220.0	49.89	190.0	580.0	57.54	200.0	100.0	46.19
190.0	230.0	50.23	190.0	590.0	57.21	200.0	110.0	46.48
190.0	240.0	50.34	190.0	600.0	56.91	200.0	120.0	46.90
190.0	250.0	50.53	190.0	610.0	56.60	200.0	130.0	47.24
190.0	260.0	50.68	190.0	620.0	57.49	200.0	140.0	47.45
190.0	270.0	52.62	190.0	630.0	57.21	200.0	150.0	48.03
190.0	280.0	52.89	190.0	640.0	56.91	200.0	160.0	48.24
190.0	290.0	52.83	190.0	650.0	56.66	200.0	170.0	48.50
190.0	300.0	53.03	190.0	660.0	55.16	200.0	180.0	48.74
190.0	310.0	53.31	190.0	670.0	54.85	200.0	190.0	48.92
190.0	320.0	53.53	190.0	680.0	54.56	200.0	200.0	49.23
190.0	330.0	53.67	190.0	690.0	54.29	200.0	210.0	49.62
190.0	340.0	53.90	190.0	700.0	54.01	200.0	220.0	49.93
190.0	350.0	52.64	190.0	710.0	53.73	200.0	230.0	50.25
190.0	360.0	53.29	190.0	720.0	53.50	200.0	240.0	50.75
190.0	370.0	53.45	190.0	730.0	53.23	200.0	250.0	50.96
190.0	380.0	54.01	190.0	740.0	52.98	200.0	260.0	51.09
190.0	390.0	56.73	190.0	750.0	52.59	200.0	270.0	51.13
190.0	400.0	56.12	190.0	760.0	52.38	200.0	280.0	53.08
190.0	410.0	56.18	190.0	770.0	52.08	200.0	290.0	53.28
190.0	420.0	56.29	190.0	780.0	51.81	200.0	300.0	53.33
190.0	430.0	56.40	190.0	790.0	51.52	200.0	310.0	53.55
190.0	440.0	56.59	190.0	800.0	51.27	200.0	320.0	53.83
190.0	450.0	56.76	190.0	810.0	51.03	200.0	330.0	54.04
190.0	460.0	56.83	190.0	820.0	50.84	200.0	340.0	54.19
190.0	470.0	57.04	190.0	830.0	50.58	200.0	350.0	54.34
190.0	480.0	58.60	200.0	0.0	44.15	200.0	360.0	52.93
190.0	490.0	58.70	200.0	10.0	44.29	200.0	370.0	53.76
190.0	500.0	58.75	200.0	20.0	44.25	200.0	380.0	54.15
190.0	510.0	58.77	200.0	30.0	44.44	200.0	390.0	54.44
190.0	520.0	58.73	200.0	40.0	44.61	200.0	400.0	56.51

200.0	410.0	56.68	200.0	770.0	52.17	210.0	290.0	53.55
200.0	420.0	56.80	200.0	780.0	51.89	210.0	300.0	53.54
200.0	430.0	56.94	200.0	790.0	51.67	210.0	310.0	53.74
200.0	440.0	57.20	200.0	800.0	51.39	210.0	320.0	54.09
200.0	450.0	57.34	200.0	810.0	51.12	210.0	330.0	54.38
200.0	460.0	57.46	200.0	820.0	50.88	210.0	340.0	54.60
200.0	470.0	57.53	200.0	830.0	50.66	210.0	350.0	54.77
200.0	480.0	59.24	210.0	0.0	44.36	210.0	360.0	54.87
200.0	490.0	59.36	210.0	10.0	44.45	210.0	370.0	53.95
200.0	500.0	59.40	210.0	20.0	44.60	210.0	380.0	54.22
200.0	510.0	59.45	210.0	30.0	44.81	210.0	390.0	54.76
200.0	520.0	59.34	210.0	40.0	44.80	210.0	400.0	56.45
200.0	530.0	59.17	210.0	50.0	44.99	210.0	410.0	57.30
200.0	540.0	58.98	210.0	60.0	45.03	210.0	420.0	57.30
200.0	550.0	58.80	210.0	70.0	45.29	210.0	430.0	57.58
200.0	560.0	58.66	210.0	80.0	45.40	210.0	440.0	57.68
200.0	570.0	58.32	210.0	90.0	45.53	210.0	450.0	57.94
200.0	580.0	58.00	210.0	100.0	45.77	210.0	460.0	58.16
200.0	590.0	57.65	210.0	110.0	46.33	210.0	470.0	58.24
200.0	600.0	57.28	210.0	120.0	46.78	210.0	480.0	59.95
200.0	610.0	58.16	210.0	130.0	47.07	210.0	490.0	60.07
200.0	620.0	57.83	210.0	140.0	47.32	210.0	500.0	60.15
200.0	630.0	57.47	210.0	150.0	47.77	210.0	510.0	60.16
200.0	640.0	57.20	210.0	160.0	48.12	210.0	520.0	60.04
200.0	650.0	55.69	210.0	170.0	48.64	210.0	530.0	59.87
200.0	660.0	55.39	210.0	180.0	48.74	210.0	540.0	59.67
200.0	670.0	55.09	210.0	190.0	49.05	210.0	550.0	59.45
200.0	680.0	54.76	210.0	200.0	49.32	210.0	560.0	59.20
200.0	690.0	54.47	210.0	210.0	49.68	210.0	570.0	58.84
200.0	700.0	54.21	210.0	220.0	49.96	210.0	580.0	58.48
200.0	710.0	53.92	210.0	230.0	50.38	210.0	590.0	58.09
200.0	720.0	53.64	210.0	240.0	50.58	210.0	600.0	58.93
200.0	730.0	53.25	210.0	250.0	51.12	210.0	610.0	58.53
200.0	740.0	52.97	210.0	260.0	51.42	210.0	620.0	58.16
200.0	750.0	52.71	210.0	270.0	51.70	210.0	630.0	57.81
200.0	760.0	52.41	210.0	280.0	51.81	210.0	640.0	56.26

210.0	650.0	55.92	220.0	170.0	48.41	220.0	530.0	60.60
210.0	660.0	55.61	220.0	180.0	48.94	220.0	540.0	60.38
210.0	670.0	55.28	220.0	190.0	49.23	220.0	550.0	60.19
210.0	680.0	55.01	220.0	200.0	49.42	220.0	560.0	59.79
210.0	690.0	54.67	220.0	210.0	49.73	220.0	570.0	59.39
210.0	700.0	54.37	220.0	220.0	50.04	220.0	580.0	58.97
210.0	710.0	54.09	220.0	230.0	50.44	220.0	590.0	59.88
210.0	720.0	53.65	220.0	240.0	50.75	220.0	600.0	59.35
210.0	730.0	53.33	220.0	250.0	51.06	220.0	610.0	58.92
210.0	740.0	53.00	220.0	260.0	51.61	220.0	620.0	58.53
210.0	750.0	52.79	220.0	270.0	51.88	220.0	630.0	56.93
210.0	760.0	52.50	220.0	280.0	52.32	220.0	640.0	56.54
210.0	770.0	52.27	220.0	290.0	52.55	220.0	650.0	56.16
210.0	780.0	52.02	220.0	300.0	54.14	220.0	660.0	55.80
210.0	790.0	51.73	220.0	310.0	54.08	220.0	670.0	55.50
210.0	800.0	51.45	220.0	320.0	54.30	220.0	680.0	55.19
210.0	810.0	51.21	220.0	330.0	54.67	220.0	690.0	54.88
210.0	820.0	50.98	220.0	340.0	55.04	220.0	700.0	54.38
210.0	830.0	50.75	220.0	350.0	55.20	220.0	710.0	54.05
220.0	0.0	44.43	220.0	360.0	55.38	220.0	720.0	53.70
220.0	10.0	44.56	220.0	370.0	54.18	220.0	730.0	53.41
220.0	20.0	44.70	220.0	380.0	54.37	220.0	740.0	53.13
220.0	30.0	44.94	220.0	390.0	54.95	220.0	750.0	52.90
220.0	40.0	45.19	220.0	400.0	55.69	220.0	760.0	52.64
220.0	50.0	45.25	220.0	410.0	55.81	220.0	770.0	52.35
220.0	60.0	45.44	220.0	420.0	57.89	220.0	780.0	52.09
220.0	70.0	45.50	220.0	430.0	58.19	220.0	790.0	51.84
220.0	80.0	45.68	220.0	440.0	58.32	220.0	800.0	51.59
220.0	90.0	45.75	220.0	450.0	58.64	220.0	810.0	51.30
220.0	100.0	45.96	220.0	460.0	58.90	220.0	820.0	51.07
220.0	110.0	46.16	220.0	470.0	59.03	220.0	830.0	50.83
220.0	120.0	46.33	220.0	480.0	59.43	230.0	0.0	44.11
220.0	130.0	46.68	220.0	490.0	60.87	230.0	10.0	44.51
220.0	140.0	47.10	220.0	500.0	60.96	230.0	20.0	44.80
220.0	150.0	47.43	220.0	510.0	60.95	230.0	30.0	45.04
220.0	160.0	47.93	220.0	520.0	60.83	230.0	40.0	45.20

230.0	50.0	45.38	230.0	410.0	57.32	230.0	770.0	52.44
230.0	60.0	45.58	230.0	420.0	56.83	230.0	780.0	52.18
230.0	70.0	45.77	230.0	430.0	58.77	230.0	790.0	51.93
230.0	80.0	45.96	230.0	440.0	58.99	230.0	800.0	51.68
230.0	90.0	46.05	230.0	450.0	59.20	230.0	810.0	51.39
230.0	100.0	46.18	230.0	460.0	59.63	230.0	820.0	51.13
230.0	110.0	46.37	230.0	470.0	59.88	230.0	830.0	50.89
230.0	120.0	46.46	230.0	480.0	60.28	240.0	0.0	44.06
230.0	130.0	46.67	230.0	490.0	61.77	240.0	10.0	44.23
230.0	140.0	46.88	230.0	500.0	61.83	240.0	20.0	44.41
230.0	150.0	47.32	230.0	510.0	61.85	240.0	30.0	44.59
230.0	160.0	47.65	230.0	520.0	61.66	240.0	40.0	45.23
230.0	170.0	47.94	230.0	530.0	61.46	240.0	50.0	45.41
230.0	180.0	48.43	230.0	540.0	61.18	240.0	60.0	45.70
230.0	190.0	48.74	230.0	550.0	60.85	240.0	70.0	45.89
230.0	200.0	49.60	230.0	560.0	60.43	240.0	80.0	46.08
230.0	210.0	49.78	230.0	570.0	59.96	240.0	90.0	46.34
230.0	220.0	50.11	230.0	580.0	60.82	240.0	100.0	46.55
230.0	230.0	50.46	230.0	590.0	60.25	240.0	110.0	46.69
230.0	240.0	50.93	230.0	600.0	59.78	240.0	120.0	46.75
230.0	250.0	51.34	230.0	610.0	59.32	240.0	130.0	47.02
230.0	260.0	51.59	230.0	620.0	57.70	240.0	140.0	47.20
230.0	270.0	52.25	230.0	630.0	57.25	240.0	150.0	47.32
230.0	280.0	52.47	230.0	640.0	56.80	240.0	160.0	47.42
230.0	290.0	52.60	230.0	650.0	56.42	240.0	170.0	47.94
230.0	300.0	53.07	230.0	660.0	56.03	240.0	180.0	48.33
230.0	310.0	54.67	230.0	670.0	55.69	240.0	190.0	48.60
230.0	320.0	54.77	230.0	680.0	55.20	240.0	200.0	49.17
230.0	330.0	54.99	230.0	690.0	54.84	240.0	210.0	49.54
230.0	340.0	55.28	230.0	700.0	54.48	240.0	220.0	49.98
230.0	350.0	55.65	230.0	710.0	54.12	240.0	230.0	50.46
230.0	360.0	55.89	230.0	720.0	53.83	240.0	240.0	50.86
230.0	370.0	55.88	230.0	730.0	53.54	240.0	250.0	51.36
230.0	380.0	54.72	230.0	740.0	53.21	240.0	260.0	51.82
230.0	390.0	55.37	230.0	750.0	52.98	240.0	270.0	52.11
230.0	400.0	55.91	230.0	760.0	52.70	240.0	280.0	52.86

240.0	290.0	53.05	240.0	650.0	56.63	250.0	170.0	47.92
240.0	300.0	53.15	240.0	660.0	56.22	250.0	180.0	48.15
240.0	310.0	53.56	240.0	670.0	55.67	250.0	190.0	48.66
240.0	320.0	55.18	240.0	680.0	55.28	250.0	200.0	49.07
240.0	330.0	55.29	240.0	690.0	54.95	250.0	210.0	49.25
240.0	340.0	55.65	240.0	700.0	54.62	250.0	220.0	49.86
240.0	350.0	56.00	240.0	710.0	54.28	250.0	230.0	50.13
240.0	360.0	56.34	240.0	720.0	53.92	250.0	240.0	50.72
240.0	370.0	56.49	240.0	730.0	53.62	250.0	250.0	51.32
240.0	380.0	56.62	240.0	740.0	53.32	250.0	260.0	51.75
240.0	390.0	55.65	240.0	750.0	53.07	250.0	270.0	52.17
240.0	400.0	56.22	240.0	760.0	52.82	250.0	280.0	52.77
240.0	410.0	56.58	240.0	770.0	52.52	250.0	290.0	53.48
240.0	420.0	56.80	240.0	780.0	52.30	250.0	300.0	53.93
240.0	430.0	57.22	240.0	790.0	52.01	250.0	310.0	54.20
240.0	440.0	59.76	240.0	800.0	51.75	250.0	320.0	54.41
240.0	450.0	60.07	240.0	810.0	51.45	250.0	330.0	55.87
240.0	460.0	60.50	240.0	820.0	51.20	250.0	340.0	56.14
240.0	470.0	60.83	240.0	830.0	50.98	250.0	350.0	56.46
240.0	480.0	61.23	250.0	0.0	43.86	250.0	360.0	56.84
240.0	490.0	62.75	250.0	10.0	44.05	250.0	370.0	57.10
240.0	500.0	62.82	250.0	20.0	44.34	250.0	380.0	57.32
240.0	510.0	62.86	250.0	30.0	44.69	250.0	390.0	56.16
240.0	520.0	62.65	250.0	40.0	44.85	250.0	400.0	56.55
240.0	530.0	62.35	250.0	50.0	45.04	250.0	410.0	56.93
240.0	540.0	62.10	250.0	60.0	45.53	250.0	420.0	58.50
240.0	550.0	61.60	250.0	70.0	45.75	250.0	430.0	57.61
240.0	560.0	61.11	250.0	80.0	46.07	250.0	440.0	58.09
240.0	570.0	61.89	250.0	90.0	46.37	250.0	450.0	60.89
240.0	580.0	61.26	250.0	100.0	46.60	250.0	460.0	61.27
240.0	590.0	60.73	250.0	110.0	46.84	250.0	470.0	61.83
240.0	600.0	60.20	250.0	120.0	47.12	250.0	480.0	62.18
240.0	610.0	58.56	250.0	130.0	47.24	250.0	490.0	63.85
240.0	620.0	58.04	250.0	140.0	47.40	250.0	500.0	64.00
240.0	630.0	57.56	250.0	150.0	47.65	250.0	510.0	63.99
240.0	640.0	57.08	250.0	160.0	47.81	250.0	520.0	63.74

250.0	530.0	63.53	260.0	50.0	45.08	260.0	410.0	57.63
250.0	540.0	62.99	260.0	60.0	45.26	260.0	420.0	57.73
250.0	550.0	63.73	260.0	70.0	45.52	260.0	430.0	58.08
250.0	560.0	63.11	260.0	80.0	45.72	260.0	440.0	58.19
250.0	570.0	62.47	260.0	90.0	46.26	260.0	450.0	59.21
250.0	580.0	61.79	260.0	100.0	46.46	260.0	460.0	62.24
250.0	590.0	61.20	260.0	110.0	46.72	260.0	470.0	62.94
250.0	600.0	59.50	260.0	120.0	46.89	260.0	480.0	63.44
250.0	610.0	58.90	260.0	130.0	47.42	260.0	490.0	65.15
250.0	620.0	58.36	260.0	140.0	47.61	260.0	500.0	65.38
250.0	630.0	57.84	260.0	150.0	47.88	260.0	510.0	65.31
250.0	640.0	57.33	260.0	160.0	48.05	260.0	520.0	65.01
250.0	650.0	56.67	260.0	170.0	48.23	260.0	530.0	64.60
250.0	660.0	56.18	260.0	180.0	48.52	260.0	540.0	65.27
250.0	670.0	55.79	260.0	190.0	48.73	260.0	550.0	64.53
250.0	680.0	55.44	260.0	200.0	48.93	260.0	560.0	63.79
250.0	690.0	55.10	260.0	210.0	49.47	260.0	570.0	63.00
250.0	700.0	54.71	260.0	220.0	49.87	260.0	580.0	62.31
250.0	710.0	54.39	260.0	230.0	50.21	260.0	590.0	60.53
250.0	720.0	54.04	260.0	240.0	50.47	260.0	600.0	59.89
250.0	730.0	53.74	260.0	250.0	51.21	260.0	610.0	59.26
250.0	740.0	53.43	260.0	260.0	51.69	260.0	620.0	58.65
250.0	750.0	53.17	260.0	270.0	52.30	260.0	630.0	58.06
250.0	760.0	52.89	260.0	280.0	52.70	260.0	640.0	57.34
250.0	770.0	52.60	260.0	290.0	53.22	260.0	650.0	56.83
250.0	780.0	52.33	260.0	300.0	54.05	260.0	660.0	56.39
250.0	790.0	52.07	260.0	310.0	54.44	260.0	670.0	55.95
250.0	800.0	51.84	260.0	320.0	54.93	260.0	680.0	55.53
250.0	810.0	51.58	260.0	330.0	55.09	260.0	690.0	55.19
250.0	820.0	51.28	260.0	340.0	56.52	260.0	700.0	54.85
250.0	830.0	51.19	260.0	350.0	56.93	260.0	710.0	54.50
260.0	0.0	43.87	260.0	360.0	57.33	260.0	720.0	54.17
260.0	10.0	43.87	260.0	370.0	57.70	260.0	730.0	53.82
260.0	20.0	44.13	260.0	380.0	57.92	260.0	740.0	53.50
260.0	30.0	44.42	260.0	390.0	58.06	260.0	750.0	53.25
260.0	40.0	44.67	260.0	400.0	57.00	260.0	760.0	52.96

260.0	770.0	52.80	270.0	290.0	53.35	270.0	650.0	57.02
260.0	780.0	52.54	270.0	300.0	54.03	270.0	660.0	56.50
260.0	790.0	52.29	270.0	310.0	54.70	270.0	670.0	56.07
260.0	800.0	52.01	270.0	320.0	55.39	270.0	680.0	55.66
260.0	810.0	51.75	270.0	330.0	55.72	270.0	690.0	55.27
260.0	820.0	51.46	270.0	340.0	55.86	270.0	700.0	54.92
260.0	830.0	51.23	270.0	350.0	57.35	270.0	710.0	54.71
270.0	0.0	43.94	270.0	360.0	57.88	270.0	720.0	54.38
270.0	10.0	44.14	270.0	370.0	58.30	270.0	730.0	54.06
270.0	20.0	44.37	270.0	380.0	58.52	270.0	740.0	53.72
270.0	30.0	44.49	270.0	390.0	58.75	270.0	750.0	53.44
270.0	40.0	44.64	270.0	400.0	58.98	270.0	760.0	53.16
270.0	50.0	44.75	270.0	410.0	58.07	270.0	770.0	52.86
270.0	60.0	44.99	270.0	420.0	58.39	270.0	780.0	52.59
270.0	70.0	45.24	270.0	430.0	59.85	270.0	790.0	52.31
270.0	80.0	45.62	270.0	440.0	58.59	270.0	800.0	52.05
270.0	90.0	45.92	270.0	450.0	59.32	270.0	810.0	51.79
270.0	100.0	46.20	270.0	460.0	60.38	270.0	820.0	51.50
270.0	110.0	46.71	270.0	470.0	64.00	270.0	830.0	51.25
270.0	120.0	46.97	270.0	480.0	64.95	280.0	0.0	44.03
270.0	130.0	47.24	270.0	490.0	66.71	280.0	10.0	44.20
270.0	140.0	47.48	270.0	500.0	67.05	280.0	20.0	44.33
270.0	150.0	47.82	270.0	510.0	66.96	280.0	30.0	44.56
270.0	160.0	48.16	270.0	520.0	66.61	280.0	40.0	44.71
270.0	170.0	48.44	270.0	530.0	67.14	280.0	50.0	44.94
270.0	180.0	48.70	270.0	540.0	66.25	280.0	60.0	45.14
270.0	190.0	49.04	270.0	550.0	65.35	280.0	70.0	45.36
270.0	200.0	49.20	270.0	560.0	64.43	280.0	80.0	45.48
270.0	210.0	49.48	270.0	570.0	63.59	280.0	90.0	45.72
270.0	220.0	49.86	270.0	580.0	61.73	280.0	100.0	46.00
270.0	230.0	50.32	270.0	590.0	60.97	280.0	110.0	46.27
270.0	240.0	50.87	270.0	600.0	60.24	280.0	120.0	46.62
270.0	250.0	51.13	270.0	610.0	59.55	280.0	130.0	47.32
270.0	260.0	51.49	270.0	620.0	58.72	280.0	140.0	47.53
270.0	270.0	52.18	270.0	630.0	58.11	280.0	150.0	47.80
270.0	280.0	52.81	270.0	640.0	57.54	280.0	160.0	47.99

280.0	170.0	48.40	280.0	530.0	68.40	290.0	50.0	44.98
280.0	180.0	48.79	280.0	540.0	67.26	290.0	60.0	45.21
280.0	190.0	49.09	280.0	550.0	66.12	290.0	70.0	45.46
280.0	200.0	49.26	280.0	560.0	65.08	290.0	80.0	45.58
280.0	210.0	49.75	280.0	570.0	63.09	290.0	90.0	45.89
280.0	220.0	49.92	280.0	580.0	62.17	290.0	100.0	46.11
280.0	230.0	50.31	280.0	590.0	61.32	290.0	110.0	46.30
280.0	240.0	50.77	280.0	600.0	60.35	290.0	120.0	46.50
280.0	250.0	51.29	280.0	610.0	59.62	290.0	130.0	46.85
280.0	260.0	51.87	280.0	620.0	58.93	290.0	140.0	47.18
280.0	270.0	52.19	280.0	630.0	58.28	290.0	150.0	47.37
280.0	280.0	52.75	280.0	640.0	57.71	290.0	160.0	47.98
280.0	290.0	53.72	280.0	650.0	57.29	290.0	170.0	48.47
280.0	300.0	54.08	280.0	660.0	56.75	290.0	180.0	48.64
280.0	310.0	54.80	280.0	670.0	56.31	290.0	190.0	48.96
280.0	320.0	55.63	280.0	680.0	55.89	290.0	200.0	49.46
280.0	330.0	56.40	280.0	690.0	55.51	290.0	210.0	49.81
280.0	340.0	56.59	280.0	700.0	55.16	290.0	220.0	50.05
280.0	350.0	56.82	280.0	710.0	54.78	290.0	230.0	50.41
280.0	360.0	58.41	280.0	720.0	54.45	290.0	240.0	50.76
280.0	370.0	58.83	280.0	730.0	54.12	290.0	250.0	51.27
280.0	380.0	59.19	280.0	740.0	53.81	290.0	260.0	51.80
280.0	390.0	59.45	280.0	750.0	53.51	290.0	270.0	52.40
280.0	400.0	59.83	280.0	760.0	53.21	290.0	280.0	53.06
280.0	410.0	58.84	280.0	770.0	52.89	290.0	290.0	53.62
280.0	420.0	59.24	280.0	780.0	52.61	290.0	300.0	54.40
280.0	430.0	59.71	280.0	790.0	52.34	290.0	310.0	55.21
280.0	440.0	59.82	280.0	800.0	52.07	290.0	320.0	55.83
280.0	450.0	59.79	280.0	810.0	51.80	290.0	330.0	56.81
280.0	460.0	60.06	280.0	820.0	51.56	290.0	340.0	57.35
280.0	470.0	61.94	280.0	830.0	51.27	290.0	350.0	57.88
280.0	480.0	66.60	290.0	0.0	43.98	290.0	360.0	58.24
280.0	490.0	68.59	290.0	10.0	44.14	290.0	370.0	58.69
280.0	500.0	69.16	290.0	20.0	44.26	290.0	380.0	60.05
280.0	510.0	69.07	290.0	30.0	44.46	290.0	390.0	60.28
280.0	520.0	69.54	290.0	40.0	44.81	290.0	400.0	60.54

290.0	410.0	60.58	290.0	770.0	52.92	300.0	290.0	53.60
290.0	420.0	59.43	290.0	780.0	52.63	300.0	300.0	54.50
290.0	430.0	60.13	290.0	790.0	52.37	300.0	310.0	55.33
290.0	440.0	60.74	290.0	800.0	52.11	300.0	320.0	56.45
290.0	450.0	60.68	290.0	810.0	51.85	300.0	330.0	57.27
290.0	460.0	60.39	290.0	820.0	51.61	300.0	340.0	58.30
290.0	470.0	60.90	290.0	830.0	51.33	300.0	350.0	58.89
290.0	480.0	68.30	300.0	0.0	43.96	300.0	360.0	59.12
290.0	490.0	70.43	300.0	10.0	44.26	300.0	370.0	59.91
290.0	500.0	72.07	300.0	20.0	44.29	300.0	380.0	60.27
290.0	510.0	72.84	300.0	30.0	44.72	300.0	390.0	61.25
290.0	520.0	71.32	300.0	40.0	44.97	300.0	400.0	61.37
290.0	530.0	69.73	300.0	50.0	45.04	300.0	410.0	61.53
290.0	540.0	68.26	300.0	60.0	45.26	300.0	420.0	61.68
290.0	550.0	66.88	300.0	70.0	45.43	300.0	430.0	60.87
290.0	560.0	64.68	300.0	80.0	45.66	300.0	440.0	61.12
290.0	570.0	63.56	300.0	90.0	45.92	300.0	450.0	61.26
290.0	580.0	62.50	300.0	100.0	46.20	300.0	460.0	60.74
290.0	590.0	61.56	300.0	110.0	46.35	300.0	470.0	59.77
290.0	600.0	60.73	300.0	120.0	46.49	300.0	480.0	62.67
290.0	610.0	59.93	300.0	130.0	46.81	300.0	490.0	73.64
290.0	620.0	59.22	300.0	140.0	47.06	300.0	500.0	77.91
290.0	630.0	58.57	300.0	150.0	47.40	300.0	510.0	76.09
290.0	640.0	57.97	300.0	160.0	47.77	300.0	520.0	73.28
290.0	650.0	57.41	300.0	170.0	48.05	300.0	530.0	71.09
290.0	660.0	56.88	300.0	180.0	48.79	300.0	540.0	69.18
290.0	670.0	56.40	300.0	190.0	48.96	300.0	550.0	66.67
290.0	680.0	55.96	300.0	200.0	49.17	300.0	560.0	65.21
290.0	690.0	55.57	300.0	210.0	49.78	300.0	570.0	63.84
290.0	700.0	55.21	300.0	220.0	50.04	300.0	580.0	62.74
290.0	710.0	54.83	300.0	230.0	50.52	300.0	590.0	61.73
290.0	720.0	54.49	300.0	240.0	51.00	300.0	600.0	60.86
290.0	730.0	54.16	300.0	250.0	51.36	300.0	610.0	60.07
290.0	740.0	53.83	300.0	260.0	51.83	300.0	620.0	59.35
290.0	750.0	53.52	300.0	270.0	52.54	300.0	630.0	58.68
290.0	760.0	53.22	300.0	280.0	52.83	300.0	640.0	58.04

300.0	650.0	57.47	310.0	170.0	48.05	310.0	530.0	71.94
300.0	660.0	56.92	310.0	180.0	48.47	310.0	540.0	68.83
300.0	670.0	56.44	310.0	190.0	48.76	310.0	550.0	66.84
300.0	680.0	55.99	310.0	200.0	49.43	310.0	560.0	65.30
300.0	690.0	55.59	310.0	210.0	49.89	310.0	570.0	63.97
300.0	700.0	55.24	310.0	220.0	50.21	310.0	580.0	62.84
300.0	710.0	54.88	310.0	230.0	50.54	310.0	590.0	61.83
300.0	720.0	54.55	310.0	240.0	50.86	310.0	600.0	60.95
300.0	730.0	54.21	310.0	250.0	51.43	310.0	610.0	60.15
300.0	740.0	53.90	310.0	260.0	51.83	310.0	620.0	59.40
300.0	750.0	53.58	310.0	270.0	52.57	310.0	630.0	58.73
300.0	760.0	53.27	310.0	280.0	53.20	310.0	640.0	58.05
300.0	770.0	52.94	310.0	290.0	53.79	310.0	650.0	57.48
300.0	780.0	52.66	310.0	300.0	54.54	310.0	660.0	56.94
300.0	790.0	52.37	310.0	310.0	55.47	310.0	670.0	56.46
300.0	800.0	52.11	310.0	320.0	56.58	310.0	680.0	56.03
300.0	810.0	51.86	310.0	330.0	57.58	310.0	690.0	55.62
300.0	820.0	51.60	310.0	340.0	58.74	310.0	700.0	55.26
300.0	830.0	51.32	310.0	350.0	60.03	310.0	710.0	54.89
310.0	0.0	44.04	310.0	360.0	60.63	310.0	720.0	54.54
310.0	10.0	44.22	310.0	370.0	61.18	310.0	730.0	54.20
310.0	20.0	44.44	310.0	380.0	61.78	310.0	740.0	53.87
310.0	30.0	44.70	310.0	390.0	62.10	310.0	750.0	53.55
310.0	40.0	44.93	310.0	400.0	62.69	310.0	760.0	53.25
310.0	50.0	45.12	310.0	410.0	62.91	310.0	770.0	52.95
310.0	60.0	45.32	310.0	420.0	62.74	310.0	780.0	52.67
310.0	70.0	45.48	310.0	430.0	61.38	310.0	790.0	52.38
310.0	80.0	45.64	310.0	440.0	61.69	310.0	800.0	52.13
310.0	90.0	46.03	310.0	450.0	62.27	310.0	810.0	51.85
310.0	100.0	46.24	310.0	460.0	62.61	310.0	820.0	51.61
310.0	110.0	46.52	310.0	470.0	60.55	310.0	830.0	51.33
310.0	120.0	46.83	310.0	480.0	0	320.0	0.0	44.15
310.0	130.0	47.06	310.0	490.0	0	320.0	10.0	44.34
310.0	140.0	47.27	310.0	500.0	84.79	320.0	20.0	44.58
310.0	150.0	47.43	310.0	510.0	79.89	320.0	30.0	44.72
310.0	160.0	47.82	310.0	520.0	74.96	320.0	40.0	45.07

320.0	50.0	45.30	320.0	410.0	64.69	320.0	770.0	52.95
320.0	60.0	45.51	320.0	420.0	64.50	320.0	780.0	52.66
320.0	70.0	45.76	320.0	430.0	63.92	320.0	790.0	52.38
320.0	80.0	45.97	320.0	440.0	62.50	320.0	800.0	52.12
320.0	90.0	46.30	320.0	450.0	66.08	320.0	810.0	51.85
320.0	100.0	46.58	320.0	460.0	65.92	320.0	820.0	51.61
320.0	110.0	46.79	320.0	470.0	66.66	320.0	830.0	51.38
320.0	120.0	47.04	320.0	480.0	0	330.0	0.0	43.99
320.0	130.0	47.22	320.0	490.0	0	330.0	10.0	44.25
320.0	140.0	47.34	320.0	500.0	85.43	330.0	20.0	44.44
320.0	150.0	47.71	320.0	510.0	80.09	330.0	30.0	44.62
320.0	160.0	48.01	320.0	520.0	75.25	330.0	40.0	44.90
320.0	170.0	48.28	320.0	530.0	71.22	330.0	50.0	45.07
320.0	180.0	48.63	320.0	540.0	68.69	330.0	60.0	45.40
320.0	190.0	48.96	320.0	550.0	66.78	330.0	70.0	45.57
320.0	200.0	49.31	320.0	560.0	65.24	330.0	80.0	45.76
320.0	210.0	49.61	320.0	570.0	63.94	330.0	90.0	45.99
320.0	220.0	50.20	320.0	580.0	62.81	330.0	100.0	46.26
320.0	230.0	50.97	320.0	590.0	61.82	330.0	110.0	46.56
320.0	240.0	51.40	320.0	600.0	60.92	330.0	120.0	46.86
320.0	250.0	51.83	320.0	610.0	60.10	330.0	130.0	47.03
320.0	260.0	52.30	320.0	620.0	59.37	330.0	140.0	47.30
320.0	270.0	52.69	320.0	630.0	58.69	330.0	150.0	47.68
320.0	280.0	53.31	320.0	640.0	58.06	330.0	160.0	47.91
320.0	290.0	54.09	320.0	650.0	57.48	330.0	170.0	48.32
320.0	300.0	54.76	320.0	660.0	56.96	330.0	180.0	48.65
320.0	310.0	55.89	320.0	670.0	56.46	330.0	190.0	48.87
320.0	320.0	56.88	320.0	680.0	56.01	330.0	200.0	49.24
320.0	330.0	58.10	320.0	690.0	55.62	330.0	210.0	49.83
320.0	340.0	59.48	320.0	700.0	55.24	330.0	220.0	50.14
320.0	350.0	60.89	320.0	710.0	54.87	330.0	230.0	50.57
320.0	360.0	62.39	320.0	720.0	54.54	330.0	240.0	51.14
320.0	370.0	62.73	320.0	730.0	54.20	330.0	250.0	52.06
320.0	380.0	63.57	320.0	740.0	53.87	330.0	260.0	52.87
320.0	390.0	63.90	320.0	750.0	53.54	330.0	270.0	53.27
320.0	400.0	63.99	320.0	760.0	53.25	330.0	280.0	53.74

330.0	290.0	54.42	330.0	650.0	57.48	340.0	170.0	47.77
330.0	300.0	55.38	330.0	660.0	56.95	340.0	180.0	48.15
330.0	310.0	56.17	330.0	670.0	56.46	340.0	190.0	48.48
330.0	320.0	57.45	330.0	680.0	56.00	340.0	200.0	48.85
330.0	330.0	59.00	330.0	690.0	55.63	340.0	210.0	49.39
330.0	340.0	60.58	330.0	700.0	55.24	340.0	220.0	49.80
330.0	350.0	62.25	330.0	710.0	54.88	340.0	230.0	50.19
330.0	360.0	64.08	330.0	720.0	54.54	340.0	240.0	50.60
330.0	370.0	65.70	330.0	730.0	54.21	340.0	250.0	51.13
330.0	380.0	66.03	330.0	740.0	53.88	340.0	260.0	51.70
330.0	390.0	66.18	330.0	750.0	53.58	340.0	270.0	52.79
330.0	400.0	66.33	330.0	760.0	53.28	340.0	280.0	54.19
330.0	410.0	66.73	330.0	770.0	52.99	340.0	290.0	55.04
330.0	420.0	67.09	330.0	780.0	52.72	340.0	300.0	55.78
330.0	430.0	66.99	330.0	790.0	52.44	340.0	310.0	56.76
330.0	440.0	67.26	330.0	800.0	52.17	340.0	320.0	58.02
330.0	450.0	67.44	330.0	810.0	51.91	340.0	330.0	60.19
330.0	460.0	68.32	330.0	820.0	51.67	340.0	340.0	62.77
330.0	470.0	69.96	330.0	830.0	51.41	340.0	350.0	65.11
330.0	480.0	74.31	340.0	0.0	43.75	340.0	360.0	67.76
330.0	490.0	79.24	340.0	10.0	43.94	340.0	370.0	72.39
330.0	500.0	79.04	340.0	20.0	44.12	340.0	380.0	73.21
330.0	510.0	77.53	340.0	30.0	44.31	340.0	390.0	70.23
330.0	520.0	72.71	340.0	40.0	44.49	340.0	400.0	70.04
330.0	530.0	70.14	340.0	50.0	44.76	340.0	410.0	70.34
330.0	540.0	68.07	340.0	60.0	45.00	340.0	420.0	70.09
330.0	550.0	66.35	340.0	70.0	45.27	340.0	430.0	68.48
330.0	560.0	64.91	340.0	80.0	45.48	340.0	440.0	67.62
330.0	570.0	63.66	340.0	90.0	45.71	340.0	450.0	69.18
330.0	580.0	62.58	340.0	100.0	45.91	340.0	460.0	72.72
330.0	590.0	61.60	340.0	110.0	46.29	340.0	470.0	73.79
330.0	600.0	60.72	340.0	120.0	46.44	340.0	480.0	75.39
330.0	610.0	59.92	340.0	130.0	46.66	340.0	490.0	76.79
330.0	620.0	59.20	340.0	140.0	46.95	340.0	500.0	0
330.0	630.0	58.66	340.0	150.0	47.19	340.0	510.0	0
330.0	640.0	58.06	340.0	160.0	47.50	340.0	520.0	68.80

340.0	530.0	68.81	350.0	50.0	44.64	350.0	410.0	72.39
340.0	540.0	67.17	350.0	60.0	44.81	350.0	420.0	71.64
340.0	550.0	65.72	350.0	70.0	44.99	350.0	430.0	69.46
340.0	560.0	64.46	350.0	80.0	45.15	350.0	440.0	68.35
340.0	570.0	63.31	350.0	90.0	45.45	350.0	450.0	69.84
340.0	580.0	62.31	350.0	100.0	45.72	350.0	460.0	71.32
340.0	590.0	61.38	350.0	110.0	45.91	350.0	470.0	72.25
340.0	600.0	60.57	350.0	120.0	46.20	350.0	480.0	74.82
340.0	610.0	59.80	350.0	130.0	46.46	350.0	490.0	75.05
340.0	620.0	59.11	350.0	140.0	46.64	350.0	500.0	0
340.0	630.0	58.45	350.0	150.0	46.86	350.0	510.0	56.77
340.0	640.0	57.84	350.0	160.0	47.15	350.0	520.0	60.54
340.0	650.0	57.28	350.0	170.0	47.43	350.0	530.0	65.58
340.0	660.0	56.76	350.0	180.0	47.80	350.0	540.0	64.74
340.0	670.0	56.28	350.0	190.0	48.04	350.0	550.0	65.03
340.0	680.0	55.84	350.0	200.0	48.37	350.0	560.0	63.94
340.0	690.0	55.47	350.0	210.0	48.65	350.0	570.0	62.90
340.0	700.0	55.10	350.0	220.0	49.06	350.0	580.0	61.97
340.0	710.0	54.73	350.0	230.0	49.51	350.0	590.0	61.13
340.0	720.0	54.39	350.0	240.0	49.90	350.0	600.0	60.33
340.0	730.0	54.06	350.0	250.0	50.29	350.0	610.0	59.63
340.0	740.0	53.77	350.0	260.0	50.93	350.0	620.0	58.93
340.0	750.0	53.45	350.0	270.0	51.83	350.0	630.0	58.30
340.0	760.0	53.15	350.0	280.0	52.67	350.0	640.0	57.73
340.0	770.0	52.88	350.0	290.0	53.81	350.0	650.0	57.17
340.0	780.0	52.58	350.0	300.0	55.98	350.0	660.0	56.66
340.0	790.0	52.46	350.0	310.0	57.28	350.0	670.0	56.21
340.0	800.0	52.19	350.0	320.0	58.89	350.0	680.0	55.79
340.0	810.0	51.94	350.0	330.0	61.62	350.0	690.0	55.42
340.0	820.0	51.69	350.0	340.0	67.99	350.0	700.0	55.07
340.0	830.0	51.44	350.0	350.0	72.87	350.0	710.0	54.76
350.0	0.0	43.70	350.0	360.0	69.66	350.0	720.0	54.42
350.0	10.0	43.95	350.0	370.0	68.66	350.0	730.0	54.09
350.0	20.0	44.11	350.0	380.0	66.28	350.0	740.0	53.78
350.0	30.0	44.36	350.0	390.0	71.68	350.0	750.0	53.48
350.0	40.0	44.46	350.0	400.0	74.72	350.0	760.0	53.20

350.0	770.0	52.91	360.0	290.0	52.45	360.0	650.0	57.09
350.0	780.0	52.63	360.0	300.0	53.61	360.0	660.0	56.64
350.0	790.0	52.36	360.0	310.0	55.22	360.0	670.0	56.17
350.0	800.0	52.08	360.0	320.0	59.56	360.0	680.0	55.77
350.0	810.0	51.83	360.0	330.0	62.49	360.0	690.0	55.39
350.0	820.0	51.59	360.0	340.0	65.78	360.0	700.0	55.06
350.0	830.0	51.34	360.0	350.0	66.20	360.0	710.0	54.72
360.0	0.0	43.37	360.0	360.0	65.51	360.0	720.0	54.39
360.0	10.0	43.54	360.0	370.0	0	360.0	730.0	54.07
360.0	20.0	43.71	360.0	380.0	67.15	360.0	740.0	53.74
360.0	30.0	43.94	360.0	390.0	70.10	360.0	750.0	53.45
360.0	40.0	44.17	360.0	400.0	74.73	360.0	760.0	53.17
360.0	50.0	44.29	360.0	410.0	72.25	360.0	770.0	52.90
360.0	60.0	44.67	360.0	420.0	0	360.0	780.0	52.61
360.0	70.0	44.80	360.0	430.0	0	360.0	790.0	52.33
360.0	80.0	44.89	360.0	440.0	0	360.0	800.0	52.09
360.0	90.0	45.13	360.0	450.0	0	360.0	810.0	51.86
360.0	100.0	45.29	360.0	460.0	0	360.0	820.0	51.64
360.0	110.0	45.57	360.0	470.0	0	360.0	830.0	51.40
360.0	120.0	45.77	360.0	480.0	74.40	370.0	0.0	43.31
360.0	130.0	46.03	360.0	490.0	74.96	370.0	10.0	43.51
360.0	140.0	46.35	360.0	500.0	0	370.0	20.0	43.78
360.0	150.0	46.59	360.0	510.0	59.50	370.0	30.0	43.93
360.0	160.0	46.85	360.0	520.0	57.92	370.0	40.0	44.15
360.0	170.0	47.19	360.0	530.0	60.96	370.0	50.0	44.36
360.0	180.0	47.38	360.0	540.0	63.19	370.0	60.0	44.58
360.0	190.0	47.89	360.0	550.0	62.75	370.0	70.0	44.81
360.0	200.0	48.21	360.0	560.0	63.33	370.0	80.0	44.98
360.0	210.0	48.34	360.0	570.0	62.46	370.0	90.0	45.13
360.0	220.0	48.69	360.0	580.0	61.64	370.0	100.0	45.28
360.0	230.0	49.17	360.0	590.0	60.82	370.0	110.0	45.83
360.0	240.0	49.45	360.0	600.0	60.08	370.0	120.0	45.85
360.0	250.0	49.99	360.0	610.0	59.40	370.0	130.0	46.08
360.0	260.0	50.45	360.0	620.0	58.76	370.0	140.0	46.35
360.0	270.0	50.95	360.0	630.0	58.17	370.0	150.0	46.56
360.0	280.0	51.64	360.0	640.0	57.59	370.0	160.0	46.78

370.0	170.0	47.01	370.0	530.0	58.79	380.0	50.0	44.46
370.0	180.0	47.39	370.0	540.0	62.15	380.0	60.0	44.70
370.0	190.0	47.78	370.0	550.0	61.46	380.0	70.0	44.83
370.0	200.0	48.00	370.0	560.0	61.08	380.0	80.0	45.05
370.0	210.0	48.37	370.0	570.0	60.47	380.0	90.0	45.29
370.0	220.0	48.66	370.0	580.0	61.21	380.0	100.0	45.49
370.0	230.0	49.00	370.0	590.0	60.51	380.0	110.0	45.84
370.0	240.0	49.26	370.0	600.0	59.84	380.0	120.0	46.04
370.0	250.0	49.76	370.0	610.0	59.21	380.0	130.0	46.36
370.0	260.0	50.03	370.0	620.0	58.59	380.0	140.0	46.48
370.0	270.0	50.68	370.0	630.0	58.02	380.0	150.0	46.76
370.0	280.0	50.92	370.0	640.0	57.49	380.0	160.0	46.90
370.0	290.0	51.42	370.0	650.0	56.99	380.0	170.0	47.16
370.0	300.0	51.83	370.0	660.0	56.53	380.0	180.0	47.48
370.0	310.0	47.95	370.0	670.0	56.11	380.0	190.0	47.72
370.0	320.0	45.19	370.0	680.0	55.72	380.0	200.0	47.90
370.0	330.0	60.04	370.0	690.0	55.37	380.0	210.0	48.21
370.0	340.0	60.57	370.0	700.0	55.03	380.0	220.0	48.54
370.0	350.0	63.70	370.0	710.0	54.73	380.0	230.0	48.83
370.0	360.0	59.04	370.0	720.0	54.40	380.0	240.0	48.87
370.0	370.0	65.44	370.0	730.0	54.08	380.0	250.0	49.10
370.0	380.0	66.89	370.0	740.0	53.78	380.0	260.0	49.48
370.0	390.0	70.40	370.0	750.0	53.47	380.0	270.0	49.82
370.0	400.0	75.01	370.0	760.0	53.18	380.0	280.0	49.03
370.0	410.0	0	370.0	770.0	52.90	380.0	290.0	49.37
370.0	420.0	0	370.0	780.0	52.64	380.0	300.0	48.80
370.0	430.0	0	370.0	790.0	52.38	380.0	310.0	49.84
370.0	440.0	0	370.0	800.0	52.11	380.0	320.0	51.39
370.0	450.0	0	370.0	810.0	51.84	380.0	330.0	55.13
370.0	460.0	0	370.0	820.0	51.59	380.0	340.0	57.65
370.0	470.0	0	370.0	830.0	51.36	380.0	350.0	57.52
370.0	480.0	74.82	380.0	0.0	43.40	380.0	360.0	49.28
370.0	490.0	0	380.0	10.0	43.56	380.0	370.0	65.61
370.0	500.0	0	380.0	20.0	43.74	380.0	380.0	67.44
370.0	510.0	61.87	380.0	30.0	44.14	380.0	390.0	70.43
370.0	520.0	57.75	380.0	40.0	44.37	380.0	400.0	75.16

380.0	410.0	0	380.0	770.0	52.92	390.0	290.0	49.77
380.0	420.0	0	380.0	780.0	52.63	390.0	300.0	50.42
380.0	430.0	0	380.0	790.0	52.35	390.0	310.0	51.31
380.0	440.0	0	380.0	800.0	52.11	390.0	320.0	53.12
380.0	450.0	0	380.0	810.0	51.85	390.0	330.0	54.55
380.0	460.0	0	380.0	820.0	51.60	390.0	340.0	55.77
380.0	470.0	72.86	380.0	830.0	51.36	390.0	350.0	54.84
380.0	480.0	75.36	390.0	0.0	43.64	390.0	360.0	0
380.0	490.0	0	390.0	10.0	43.83	390.0	370.0	63.01
380.0	500.0	0	390.0	20.0	44.00	390.0	380.0	67.45
380.0	510.0	61.23	390.0	30.0	44.16	390.0	390.0	70.66
380.0	520.0	57.95	390.0	40.0	44.38	390.0	400.0	73.60
380.0	530.0	57.57	390.0	50.0	44.63	390.0	410.0	73.17
380.0	540.0	58.74	390.0	60.0	44.87	390.0	420.0	73.14
380.0	550.0	60.77	390.0	70.0	45.02	390.0	430.0	73.09
380.0	560.0	60.17	390.0	80.0	45.34	390.0	440.0	73.09
380.0	570.0	59.95	390.0	90.0	45.46	390.0	450.0	73.13
380.0	580.0	59.38	390.0	100.0	45.71	390.0	460.0	73.21
380.0	590.0	58.57	390.0	110.0	45.91	390.0	470.0	73.06
380.0	600.0	59.59	390.0	120.0	46.14	390.0	480.0	75.29
380.0	610.0	59.04	390.0	130.0	46.44	390.0	490.0	0
380.0	620.0	58.45	390.0	140.0	46.64	390.0	500.0	0
380.0	630.0	57.94	390.0	150.0	46.75	390.0	510.0	61.05
380.0	640.0	57.41	390.0	160.0	47.00	390.0	520.0	59.96
380.0	650.0	56.92	390.0	170.0	47.20	390.0	530.0	58.84
380.0	660.0	56.49	390.0	180.0	47.50	390.0	540.0	58.63
380.0	670.0	56.08	390.0	190.0	47.71	390.0	550.0	60.59
380.0	680.0	55.72	390.0	200.0	47.74	390.0	560.0	59.93
380.0	690.0	55.36	390.0	210.0	47.94	390.0	570.0	59.34
380.0	700.0	55.00	390.0	220.0	48.13	390.0	580.0	59.04
380.0	710.0	54.69	390.0	230.0	48.12	390.0	590.0	58.39
380.0	720.0	54.35	390.0	240.0	48.56	390.0	600.0	57.84
380.0	730.0	54.04	390.0	250.0	49.33	390.0	610.0	58.84
380.0	740.0	53.76	390.0	260.0	49.08	390.0	620.0	58.28
380.0	750.0	53.45	390.0	270.0	49.36	390.0	630.0	57.76
380.0	760.0	53.21	390.0	280.0	49.66	390.0	640.0	57.26

390.0	650.0	56.82	400.0	170.0	46.90	400.0	530.0	60.18
390.0	660.0	56.40	400.0	180.0	47.35	400.0	540.0	59.03
390.0	670.0	56.00	400.0	190.0	47.59	400.0	550.0	58.82
390.0	680.0	55.65	400.0	200.0	47.91	400.0	560.0	59.75
390.0	690.0	55.30	400.0	210.0	48.23	400.0	570.0	59.06
390.0	700.0	54.95	400.0	220.0	48.43	400.0	580.0	58.45
390.0	710.0	54.62	400.0	230.0	48.74	400.0	590.0	58.02
390.0	720.0	54.31	400.0	240.0	48.84	400.0	600.0	57.55
390.0	730.0	54.00	400.0	250.0	48.87	400.0	610.0	57.01
390.0	740.0	53.70	400.0	260.0	49.25	400.0	620.0	56.49
390.0	750.0	53.40	400.0	270.0	49.56	400.0	630.0	57.60
390.0	760.0	53.10	400.0	280.0	50.12	400.0	640.0	57.12
390.0	770.0	52.82	400.0	290.0	50.62	400.0	650.0	56.70
390.0	780.0	52.56	400.0	300.0	51.36	400.0	660.0	56.27
390.0	790.0	52.30	400.0	310.0	52.75	400.0	670.0	55.94
390.0	800.0	52.05	400.0	320.0	53.57	400.0	680.0	55.60
390.0	810.0	51.83	400.0	330.0	54.92	400.0	690.0	55.19
390.0	820.0	51.59	400.0	340.0	55.58	400.0	700.0	54.86
390.0	830.0	51.33	400.0	350.0	56.16	400.0	710.0	54.54
400.0	0.0	43.71	400.0	360.0	57.31	400.0	720.0	54.24
400.0	10.0	43.89	400.0	370.0	62.21	400.0	730.0	53.94
400.0	20.0	44.13	400.0	380.0	65.39	400.0	740.0	53.64
400.0	30.0	44.18	400.0	390.0	68.16	400.0	750.0	53.35
400.0	40.0	44.39	400.0	400.0	71.83	400.0	760.0	53.05
400.0	50.0	44.63	400.0	410.0	72.75	400.0	770.0	52.78
400.0	60.0	44.76	400.0	420.0	73.31	400.0	780.0	52.51
400.0	70.0	45.05	400.0	430.0	73.77	400.0	790.0	52.25
400.0	80.0	45.26	400.0	440.0	74.25	400.0	800.0	51.98
400.0	90.0	45.41	400.0	450.0	74.79	400.0	810.0	51.74
400.0	100.0	45.50	400.0	460.0	75.39	400.0	820.0	51.48
400.0	110.0	45.94	400.0	470.0	75.96	400.0	830.0	51.25
400.0	120.0	46.08	400.0	480.0	73.68	410.0	0.0	43.76
400.0	130.0	46.34	400.0	490.0	69.53	410.0	10.0	43.93
400.0	140.0	46.58	400.0	500.0	65.84	410.0	20.0	44.19
400.0	150.0	46.81	400.0	510.0	63.27	410.0	30.0	44.42
400.0	160.0	46.70	400.0	520.0	61.49	410.0	40.0	44.60

410.0	50.0	44.67	410.0	410.0	67.50	410.0	770.0	52.73
410.0	60.0	44.65	410.0	420.0	68.00	410.0	780.0	52.49
410.0	70.0	44.89	410.0	430.0	68.36	410.0	790.0	52.23
410.0	80.0	45.17	410.0	440.0	68.70	410.0	800.0	51.98
410.0	90.0	45.41	410.0	450.0	69.07	410.0	810.0	51.74
410.0	100.0	45.62	410.0	460.0	69.64	410.0	820.0	51.49
410.0	110.0	45.92	410.0	470.0	71.22	410.0	830.0	51.25
410.0	120.0	45.91	410.0	480.0	73.28	420.0	0.0	43.61
410.0	130.0	46.22	410.0	490.0	68.94	420.0	10.0	43.78
410.0	140.0	46.63	410.0	500.0	65.88	420.0	20.0	43.94
410.0	150.0	46.77	410.0	510.0	63.73	420.0	30.0	44.13
410.0	160.0	46.92	410.0	520.0	61.77	420.0	40.0	44.44
410.0	170.0	47.22	410.0	530.0	60.18	420.0	50.0	44.93
410.0	180.0	47.47	410.0	540.0	59.01	420.0	60.0	44.95
410.0	190.0	47.74	410.0	550.0	58.48	420.0	70.0	45.04
410.0	200.0	48.25	410.0	560.0	58.17	420.0	80.0	45.04
410.0	210.0	48.19	410.0	570.0	58.87	420.0	90.0	45.27
410.0	220.0	48.33	410.0	580.0	58.27	420.0	100.0	45.50
410.0	230.0	48.54	410.0	590.0	57.75	420.0	110.0	45.81
410.0	240.0	48.80	410.0	600.0	57.39	420.0	120.0	45.93
410.0	250.0	49.30	410.0	610.0	56.97	420.0	130.0	46.11
410.0	260.0	49.87	410.0	620.0	56.40	420.0	140.0	46.42
410.0	270.0	50.36	410.0	630.0	56.05	420.0	150.0	46.69
410.0	280.0	50.86	410.0	640.0	55.63	420.0	160.0	47.05
410.0	290.0	51.62	410.0	650.0	56.53	420.0	170.0	47.41
410.0	300.0	53.11	410.0	660.0	56.13	420.0	180.0	47.56
410.0	310.0	53.72	410.0	670.0	55.81	420.0	190.0	47.56
410.0	320.0	54.86	410.0	680.0	55.44	420.0	200.0	47.77
410.0	330.0	55.92	410.0	690.0	55.09	420.0	210.0	48.25
410.0	340.0	56.78	410.0	700.0	54.79	420.0	220.0	48.59
410.0	350.0	58.22	410.0	710.0	54.44	420.0	230.0	48.84
410.0	360.0	60.26	410.0	720.0	54.09	420.0	240.0	49.19
410.0	370.0	62.16	410.0	730.0	53.81	420.0	250.0	49.87
410.0	380.0	63.96	410.0	740.0	53.52	420.0	260.0	50.44
410.0	390.0	65.30	410.0	750.0	53.25	420.0	270.0	51.14
410.0	400.0	66.70	410.0	760.0	52.98	420.0	280.0	51.89

420.0	290.0	52.66	420.0	650.0	55.15	430.0	170.0	47.08
420.0	300.0	53.53	420.0	660.0	56.05	430.0	180.0	47.31
420.0	310.0	54.42	420.0	670.0	55.72	430.0	190.0	47.77
420.0	320.0	55.26	420.0	680.0	55.35	430.0	200.0	47.86
420.0	330.0	56.24	420.0	690.0	55.03	430.0	210.0	48.45
420.0	340.0	57.22	420.0	700.0	54.71	430.0	220.0	48.88
420.0	350.0	58.67	420.0	710.0	54.34	430.0	230.0	49.37
420.0	360.0	60.15	420.0	720.0	54.07	430.0	240.0	49.85
420.0	370.0	61.28	420.0	730.0	53.78	430.0	250.0	50.48
420.0	380.0	62.51	420.0	740.0	53.47	430.0	260.0	51.03
420.0	390.0	63.39	420.0	750.0	53.19	430.0	270.0	51.74
420.0	400.0	64.25	420.0	760.0	52.93	430.0	280.0	52.41
420.0	410.0	65.09	420.0	770.0	52.66	430.0	290.0	53.03
420.0	420.0	65.55	420.0	780.0	52.41	430.0	300.0	53.92
420.0	430.0	65.98	420.0	790.0	52.15	430.0	310.0	54.51
420.0	440.0	66.25	420.0	800.0	51.90	430.0	320.0	55.26
420.0	450.0	66.67	420.0	810.0	51.64	430.0	330.0	56.23
420.0	460.0	67.52	420.0	820.0	51.39	430.0	340.0	57.37
420.0	470.0	69.68	420.0	830.0	51.16	430.0	350.0	58.53
420.0	480.0	72.38	430.0	0.0	43.70	430.0	360.0	59.58
420.0	490.0	69.84	430.0	10.0	43.88	430.0	370.0	60.49
420.0	500.0	66.67	430.0	20.0	44.14	430.0	380.0	61.23
420.0	510.0	64.00	430.0	30.0	44.17	430.0	390.0	61.89
420.0	520.0	62.16	430.0	40.0	44.06	430.0	400.0	62.68
420.0	530.0	60.45	430.0	50.0	44.35	430.0	410.0	63.27
420.0	540.0	59.03	430.0	60.0	44.62	430.0	420.0	63.80
420.0	550.0	58.37	430.0	70.0	44.85	430.0	430.0	64.21
420.0	560.0	57.83	430.0	80.0	45.08	430.0	440.0	64.53
420.0	570.0	58.70	430.0	90.0	45.30	430.0	450.0	65.12
420.0	580.0	58.05	430.0	100.0	45.51	430.0	460.0	66.01
420.0	590.0	57.48	430.0	110.0	45.82	430.0	470.0	67.86
420.0	600.0	56.88	430.0	120.0	46.03	430.0	480.0	70.11
420.0	610.0	56.56	430.0	130.0	46.56	430.0	490.0	75.63
420.0	620.0	56.21	430.0	140.0	46.83	430.0	500.0	67.60
420.0	630.0	55.77	430.0	150.0	46.85	430.0	510.0	64.38
420.0	640.0	55.34	430.0	160.0	47.16	430.0	520.0	62.27

430.0	530.0	60.62	440.0	50.0	44.51	440.0	410.0	61.90
430.0	540.0	59.34	440.0	60.0	44.88	440.0	420.0	62.42
430.0	550.0	58.05	440.0	70.0	45.02	440.0	430.0	62.81
430.0	560.0	57.43	440.0	80.0	45.21	440.0	440.0	63.28
430.0	570.0	57.04	440.0	90.0	45.56	440.0	450.0	63.90
430.0	580.0	57.80	440.0	100.0	45.82	440.0	460.0	64.63
430.0	590.0	57.28	440.0	110.0	45.86	440.0	470.0	66.27
430.0	600.0	56.76	440.0	120.0	46.16	440.0	480.0	68.60
430.0	610.0	56.27	440.0	130.0	46.35	440.0	490.0	71.58
430.0	620.0	55.88	440.0	140.0	46.36	440.0	500.0	69.77
430.0	630.0	55.61	440.0	150.0	46.53	440.0	510.0	64.98
430.0	640.0	55.14	440.0	160.0	47.00	440.0	520.0	62.24
430.0	650.0	54.80	440.0	170.0	47.22	440.0	530.0	60.52
430.0	660.0	54.58	440.0	180.0	47.64	440.0	540.0	59.15
430.0	670.0	54.31	440.0	190.0	47.89	440.0	550.0	58.05
430.0	680.0	55.28	440.0	200.0	48.47	440.0	560.0	57.28
430.0	690.0	54.97	440.0	210.0	48.76	440.0	570.0	56.73
430.0	700.0	54.68	440.0	220.0	49.22	440.0	580.0	56.42
430.0	710.0	54.33	440.0	230.0	49.76	440.0	590.0	56.98
430.0	720.0	53.99	440.0	240.0	50.23	440.0	600.0	56.56
430.0	730.0	53.74	440.0	250.0	50.90	440.0	610.0	56.06
430.0	740.0	53.43	440.0	260.0	51.40	440.0	620.0	55.62
430.0	750.0	53.22	440.0	270.0	51.85	440.0	630.0	55.36
430.0	760.0	52.91	440.0	280.0	52.41	440.0	640.0	55.06
430.0	770.0	52.61	440.0	290.0	53.21	440.0	650.0	54.81
430.0	780.0	52.32	440.0	300.0	53.72	440.0	660.0	54.45
430.0	790.0	52.06	440.0	310.0	54.55	440.0	670.0	54.03
430.0	800.0	51.83	440.0	320.0	55.32	440.0	680.0	53.66
430.0	810.0	51.60	440.0	330.0	56.26	440.0	690.0	53.32
430.0	820.0	51.35	440.0	340.0	57.26	440.0	700.0	54.53
430.0	830.0	51.11	440.0	350.0	58.30	440.0	710.0	54.23
440.0	0.0	43.26	440.0	360.0	59.07	440.0	720.0	53.96
440.0	10.0	43.54	440.0	370.0	59.55	440.0	730.0	53.64
440.0	20.0	43.78	440.0	380.0	60.23	440.0	740.0	53.41
440.0	30.0	44.04	440.0	390.0	60.80	440.0	750.0	53.14
440.0	40.0	44.29	440.0	400.0	61.50	440.0	760.0	52.83

440.0	770.0	52.62	450.0	290.0	53.14	450.0	650.0	54.62
440.0	780.0	52.34	450.0	300.0	53.77	450.0	660.0	54.32
440.0	790.0	52.06	450.0	310.0	54.65	450.0	670.0	53.92
440.0	800.0	51.79	450.0	320.0	55.29	450.0	680.0	53.62
440.0	810.0	51.54	450.0	330.0	56.21	450.0	690.0	53.41
440.0	820.0	51.32	450.0	340.0	57.11	450.0	700.0	52.92
440.0	830.0	51.08	450.0	350.0	57.72	450.0	710.0	54.15
450.0	0.0	43.56	450.0	360.0	58.21	450.0	720.0	53.87
450.0	10.0	43.83	450.0	370.0	58.87	450.0	730.0	53.62
450.0	20.0	44.02	450.0	380.0	59.25	450.0	740.0	53.31
450.0	30.0	44.17	450.0	390.0	59.81	450.0	750.0	53.07
450.0	40.0	44.32	450.0	400.0	60.33	450.0	760.0	52.80
450.0	50.0	44.51	450.0	410.0	60.85	450.0	770.0	52.51
450.0	60.0	44.84	450.0	420.0	61.30	450.0	780.0	52.27
450.0	70.0	45.09	450.0	430.0	61.61	450.0	790.0	52.07
450.0	80.0	45.16	450.0	440.0	62.09	450.0	800.0	51.85
450.0	90.0	45.42	450.0	450.0	62.70	450.0	810.0	51.55
450.0	100.0	45.53	450.0	460.0	63.43	450.0	820.0	51.30
450.0	110.0	45.96	450.0	470.0	64.69	450.0	830.0	51.04
450.0	120.0	46.08	450.0	480.0	67.89	460.0	0.0	43.56
450.0	130.0	46.40	450.0	490.0	69.35	460.0	10.0	43.75
450.0	140.0	46.54	450.0	500.0	73.92	460.0	20.0	44.05
450.0	150.0	46.84	450.0	510.0	65.29	460.0	30.0	44.29
450.0	160.0	47.16	450.0	520.0	61.90	460.0	40.0	44.40
450.0	170.0	47.47	450.0	530.0	60.15	460.0	50.0	44.68
450.0	180.0	47.84	450.0	540.0	58.82	460.0	60.0	44.99
450.0	190.0	48.30	450.0	550.0	57.83	460.0	70.0	45.08
450.0	200.0	48.71	450.0	560.0	57.01	460.0	80.0	45.41
450.0	210.0	49.04	450.0	570.0	56.42	460.0	90.0	45.58
450.0	220.0	49.56	450.0	580.0	56.08	460.0	100.0	45.68
450.0	230.0	49.87	450.0	590.0	56.75	460.0	110.0	46.01
450.0	240.0	50.55	450.0	600.0	56.35	460.0	120.0	46.10
450.0	250.0	51.05	450.0	610.0	55.89	460.0	130.0	46.34
450.0	260.0	51.57	450.0	620.0	55.40	460.0	140.0	46.62
450.0	270.0	52.07	450.0	630.0	55.06	460.0	150.0	46.90
450.0	280.0	52.56	450.0	640.0	54.81	460.0	160.0	47.45

460.0	170.0	47.73	460.0	530.0	59.49	470.0	50.0	44.68
460.0	180.0	48.03	460.0	540.0	58.43	470.0	60.0	44.90
460.0	190.0	48.30	460.0	550.0	57.39	470.0	70.0	45.08
460.0	200.0	48.78	460.0	560.0	56.72	470.0	80.0	45.32
460.0	210.0	49.16	460.0	570.0	56.19	470.0	90.0	45.45
460.0	220.0	49.66	460.0	580.0	55.61	470.0	100.0	45.58
460.0	230.0	50.26	460.0	590.0	55.40	470.0	110.0	45.86
460.0	240.0	50.74	460.0	600.0	56.10	470.0	120.0	46.21
460.0	250.0	51.11	460.0	610.0	55.67	470.0	130.0	46.50
460.0	260.0	51.49	460.0	620.0	55.23	470.0	140.0	46.91
460.0	270.0	51.92	460.0	630.0	54.89	470.0	150.0	47.02
460.0	280.0	52.49	460.0	640.0	54.51	470.0	160.0	47.34
460.0	290.0	53.04	460.0	650.0	54.37	470.0	170.0	47.73
460.0	300.0	53.96	460.0	660.0	54.17	470.0	180.0	48.10
460.0	310.0	54.51	460.0	670.0	53.84	470.0	190.0	48.57
460.0	320.0	55.25	460.0	680.0	53.55	470.0	200.0	48.90
460.0	330.0	56.06	460.0	690.0	53.22	470.0	210.0	49.53
460.0	340.0	56.69	460.0	700.0	52.87	470.0	220.0	49.85
460.0	350.0	57.12	460.0	710.0	52.79	470.0	230.0	50.32
460.0	360.0	57.61	460.0	720.0	52.32	470.0	240.0	50.64
460.0	370.0	58.10	460.0	730.0	53.49	470.0	250.0	50.96
460.0	380.0	58.45	460.0	740.0	53.26	470.0	260.0	51.46
460.0	390.0	58.90	460.0	750.0	52.96	470.0	270.0	51.98
460.0	400.0	59.46	460.0	760.0	52.72	470.0	280.0	52.54
460.0	410.0	60.01	460.0	770.0	52.50	470.0	290.0	53.24
460.0	420.0	60.19	460.0	780.0	52.19	470.0	300.0	53.73
460.0	430.0	60.59	460.0	790.0	51.97	470.0	310.0	54.50
460.0	440.0	61.26	460.0	800.0	51.73	470.0	320.0	55.15
460.0	450.0	61.53	460.0	810.0	51.52	470.0	330.0	55.72
460.0	460.0	62.17	460.0	820.0	51.31	470.0	340.0	56.19
460.0	470.0	62.94	460.0	830.0	51.04	470.0	350.0	56.52
460.0	480.0	64.14	470.0	0.0	43.80	470.0	360.0	57.03
460.0	490.0	65.59	470.0	10.0	43.96	470.0	370.0	57.32
460.0	500.0	65.43	470.0	20.0	44.12	470.0	380.0	57.79
460.0	510.0	63.36	470.0	30.0	44.38	470.0	390.0	58.24
460.0	520.0	60.97	470.0	40.0	44.51	470.0	400.0	58.69

470.0	410.0	59.04	470.0	770.0	52.42	480.0	290.0	53.02
470.0	420.0	59.30	470.0	780.0	52.14	480.0	300.0	53.74
470.0	430.0	59.73	470.0	790.0	51.91	480.0	310.0	54.34
470.0	440.0	60.19	470.0	800.0	51.68	480.0	320.0	54.85
470.0	450.0	60.43	470.0	810.0	51.44	480.0	330.0	55.32
470.0	460.0	60.99	470.0	820.0	51.20	480.0	340.0	55.58
470.0	470.0	61.35	470.0	830.0	50.97	480.0	350.0	56.04
470.0	480.0	61.87	480.0	0.0	43.82	480.0	360.0	56.48
470.0	490.0	62.29	480.0	10.0	43.89	480.0	370.0	56.77
470.0	500.0	62.00	480.0	20.0	44.14	480.0	380.0	57.20
470.0	510.0	61.04	480.0	30.0	44.33	480.0	390.0	57.61
470.0	520.0	60.48	480.0	40.0	44.58	480.0	400.0	57.92
470.0	530.0	58.68	480.0	50.0	44.68	480.0	410.0	58.15
470.0	540.0	57.73	480.0	60.0	44.77	480.0	420.0	58.52
470.0	550.0	56.90	480.0	70.0	44.93	480.0	430.0	59.10
470.0	560.0	56.25	480.0	80.0	45.21	480.0	440.0	59.22
470.0	570.0	55.70	480.0	90.0	45.59	480.0	450.0	59.58
470.0	580.0	55.31	480.0	100.0	45.75	480.0	460.0	59.92
470.0	590.0	55.04	480.0	110.0	46.00	480.0	470.0	60.03
470.0	600.0	55.86	480.0	120.0	46.25	480.0	480.0	60.23
470.0	610.0	55.45	480.0	130.0	46.52	480.0	490.0	60.43
470.0	620.0	55.06	480.0	140.0	46.88	480.0	500.0	60.10
470.0	630.0	54.68	480.0	150.0	47.20	480.0	510.0	59.58
470.0	640.0	54.40	480.0	160.0	47.60	480.0	520.0	59.53
470.0	650.0	54.06	480.0	170.0	47.98	480.0	530.0	57.93
470.0	660.0	53.83	480.0	180.0	48.41	480.0	540.0	57.11
470.0	670.0	53.55	480.0	190.0	48.76	480.0	550.0	56.49
470.0	680.0	53.43	480.0	200.0	49.13	480.0	560.0	55.77
470.0	690.0	53.21	480.0	210.0	49.45	480.0	570.0	55.30
470.0	700.0	52.85	480.0	220.0	49.88	480.0	580.0	55.01
470.0	710.0	52.57	480.0	230.0	50.13	480.0	590.0	54.65
470.0	720.0	52.22	480.0	240.0	50.62	480.0	600.0	54.40
470.0	730.0	52.18	480.0	250.0	50.93	480.0	610.0	55.21
470.0	740.0	51.93	480.0	260.0	51.56	480.0	620.0	54.91
470.0	750.0	52.94	480.0	270.0	51.95	480.0	630.0	54.57
470.0	760.0	52.66	480.0	280.0	52.59	480.0	640.0	54.17

480.0	650.0	53.94	490.0	170.0	48.05	490.0	530.0	58.11
480.0	660.0	53.59	490.0	180.0	48.63	490.0	540.0	56.60
480.0	670.0	53.44	490.0	190.0	48.73	490.0	550.0	55.84
480.0	680.0	53.11	490.0	200.0	49.14	490.0	560.0	55.35
480.0	690.0	52.98	490.0	210.0	49.39	490.0	570.0	54.83
480.0	700.0	52.72	490.0	220.0	49.71	490.0	580.0	54.57
480.0	710.0	52.57	490.0	230.0	50.22	490.0	590.0	54.30
480.0	720.0	52.20	490.0	240.0	50.71	490.0	600.0	53.97
480.0	730.0	52.03	490.0	250.0	51.02	490.0	610.0	53.84
480.0	740.0	51.73	490.0	260.0	51.66	490.0	620.0	54.62
480.0	750.0	51.61	490.0	270.0	52.02	490.0	630.0	54.34
480.0	760.0	52.59	490.0	280.0	52.51	490.0	640.0	54.03
480.0	770.0	52.32	490.0	290.0	53.07	490.0	650.0	53.75
480.0	780.0	52.10	490.0	300.0	53.60	490.0	660.0	53.44
480.0	790.0	51.87	490.0	310.0	54.06	490.0	670.0	53.15
480.0	800.0	51.66	490.0	320.0	54.51	490.0	680.0	52.95
480.0	810.0	51.43	490.0	330.0	54.78	490.0	690.0	52.70
480.0	820.0	51.20	490.0	340.0	55.14	490.0	700.0	52.53
480.0	830.0	50.89	490.0	350.0	55.53	490.0	710.0	52.28
490.0	0.0	43.77	490.0	360.0	55.88	490.0	720.0	52.07
490.0	10.0	44.04	490.0	370.0	56.25	490.0	730.0	51.89
490.0	20.0	44.15	490.0	380.0	56.55	490.0	740.0	51.61
490.0	30.0	44.14	490.0	390.0	57.00	490.0	750.0	51.50
490.0	40.0	44.31	490.0	400.0	57.17	490.0	760.0	51.21
490.0	50.0	44.59	490.0	410.0	57.43	490.0	770.0	50.92
490.0	60.0	44.85	490.0	420.0	57.83	490.0	780.0	52.09
490.0	70.0	44.99	490.0	430.0	58.16	490.0	790.0	51.78
490.0	80.0	45.30	490.0	440.0	58.37	490.0	800.0	51.57
490.0	90.0	45.51	490.0	450.0	58.67	490.0	810.0	51.33
490.0	100.0	45.74	490.0	460.0	58.88	490.0	820.0	51.10
490.0	110.0	46.08	490.0	470.0	59.00	490.0	830.0	50.90
490.0	120.0	46.37	490.0	480.0	59.05	500.0	0.0	43.56
490.0	130.0	46.72	490.0	490.0	58.98	500.0	10.0	43.81
490.0	140.0	47.05	490.0	500.0	58.74	500.0	20.0	43.96
490.0	150.0	47.34	490.0	510.0	58.34	500.0	30.0	44.14
490.0	160.0	47.88	490.0	520.0	58.70	500.0	40.0	44.25

500.0	50.0	44.56	500.0	410.0	56.83	500.0	770.0	50.80
500.0	60.0	44.82	500.0	420.0	57.29	500.0	780.0	50.80
500.0	70.0	45.02	500.0	430.0	57.38	500.0	790.0	50.60
500.0	80.0	45.44	500.0	440.0	57.60	500.0	800.0	51.58
500.0	90.0	45.68	500.0	450.0	57.89	500.0	810.0	51.34
500.0	100.0	45.93	500.0	460.0	58.05	500.0	820.0	51.07
500.0	110.0	46.25	500.0	470.0	58.13	500.0	830.0	50.82
500.0	120.0	46.52	500.0	480.0	58.10	510.0	0.0	43.58
500.0	130.0	46.97	500.0	490.0	57.89	510.0	10.0	43.71
500.0	140.0	47.32	500.0	500.0	57.69	510.0	20.0	43.89
500.0	150.0	47.40	500.0	510.0	57.32	510.0	30.0	44.13
500.0	160.0	47.99	500.0	520.0	56.96	510.0	40.0	44.37
500.0	170.0	48.18	500.0	530.0	57.50	510.0	50.0	44.75
500.0	180.0	48.38	500.0	540.0	55.85	510.0	60.0	45.02
500.0	190.0	48.77	500.0	550.0	55.47	510.0	70.0	45.19
500.0	200.0	49.00	500.0	560.0	54.97	510.0	80.0	45.51
500.0	210.0	49.51	500.0	570.0	54.49	510.0	90.0	45.70
500.0	220.0	49.92	500.0	580.0	54.07	510.0	100.0	46.02
500.0	230.0	50.22	500.0	590.0	53.90	510.0	110.0	46.41
500.0	240.0	50.52	500.0	600.0	53.69	510.0	120.0	46.62
500.0	250.0	51.15	500.0	610.0	53.45	510.0	130.0	46.97
500.0	260.0	51.58	500.0	620.0	54.39	510.0	140.0	47.26
500.0	270.0	51.91	500.0	630.0	54.15	510.0	150.0	47.71
500.0	280.0	52.44	500.0	640.0	53.77	510.0	160.0	47.76
500.0	290.0	52.92	500.0	650.0	53.56	510.0	170.0	48.02
500.0	300.0	53.33	500.0	660.0	53.30	510.0	180.0	48.38
500.0	310.0	53.78	500.0	670.0	53.05	510.0	190.0	48.81
500.0	320.0	54.14	500.0	680.0	52.67	510.0	200.0	49.11
500.0	330.0	54.35	500.0	690.0	52.56	510.0	210.0	49.58
500.0	340.0	54.71	500.0	700.0	52.31	510.0	220.0	49.78
500.0	350.0	55.08	500.0	710.0	52.16	510.0	230.0	50.12
500.0	360.0	55.32	500.0	720.0	51.96	510.0	240.0	50.76
500.0	370.0	55.66	500.0	730.0	51.77	510.0	250.0	51.07
500.0	380.0	56.05	500.0	740.0	51.53	510.0	260.0	51.39
500.0	390.0	56.24	500.0	750.0	51.29	510.0	270.0	51.91
500.0	400.0	56.46	500.0	760.0	51.08	510.0	280.0	52.29

510.0	290.0	52.75	510.0	650.0	53.33	520.0	170.0	48.20
510.0	300.0	53.14	510.0	660.0	53.03	520.0	180.0	48.50
510.0	310.0	53.41	510.0	670.0	52.82	520.0	190.0	48.70
510.0	320.0	53.68	510.0	680.0	52.56	520.0	200.0	49.19
510.0	330.0	54.02	510.0	690.0	52.30	520.0	210.0	49.38
510.0	340.0	54.34	510.0	700.0	52.10	520.0	220.0	49.79
510.0	350.0	54.63	510.0	710.0	51.88	520.0	230.0	50.31
510.0	360.0	54.82	510.0	720.0	51.78	520.0	240.0	50.59
510.0	370.0	55.31	510.0	730.0	51.58	520.0	250.0	50.89
510.0	380.0	55.47	510.0	740.0	51.46	520.0	260.0	51.40
510.0	390.0	55.56	510.0	750.0	51.16	520.0	270.0	51.80
510.0	400.0	55.91	510.0	760.0	50.96	520.0	280.0	52.19
510.0	410.0	56.21	510.0	770.0	50.90	520.0	290.0	52.59
510.0	420.0	56.65	510.0	780.0	50.55	520.0	300.0	52.88
510.0	430.0	56.71	510.0	790.0	50.50	520.0	310.0	53.07
510.0	440.0	56.92	510.0	800.0	50.01	520.0	320.0	53.40
510.0	450.0	57.12	510.0	810.0	51.31	520.0	330.0	53.62
510.0	460.0	57.23	510.0	820.0	51.03	520.0	340.0	54.00
510.0	470.0	57.28	510.0	830.0	50.85	520.0	350.0	54.12
510.0	480.0	57.29	520.0	0.0	43.56	520.0	360.0	54.45
510.0	490.0	57.02	520.0	10.0	43.78	520.0	370.0	54.74
510.0	500.0	56.91	520.0	20.0	44.21	520.0	380.0	54.89
510.0	510.0	56.50	520.0	30.0	44.37	520.0	390.0	55.05
510.0	520.0	56.11	520.0	40.0	44.56	520.0	400.0	55.41
510.0	530.0	56.98	520.0	50.0	44.71	520.0	410.0	55.91
510.0	540.0	56.42	520.0	60.0	45.07	520.0	420.0	55.95
510.0	550.0	54.89	520.0	70.0	45.30	520.0	430.0	56.09
510.0	560.0	54.46	520.0	80.0	45.46	520.0	440.0	56.22
510.0	570.0	54.14	520.0	90.0	45.98	520.0	450.0	56.46
510.0	580.0	53.72	520.0	100.0	46.09	520.0	460.0	56.50
510.0	590.0	53.55	520.0	110.0	46.43	520.0	470.0	56.55
510.0	600.0	53.33	520.0	120.0	46.71	520.0	480.0	56.55
510.0	610.0	53.19	520.0	130.0	47.09	520.0	490.0	56.25
510.0	620.0	52.94	520.0	140.0	47.16	520.0	500.0	56.11
510.0	630.0	53.81	520.0	150.0	47.42	520.0	510.0	55.82
510.0	640.0	53.61	520.0	160.0	47.82	520.0	520.0	55.49

520.0	530.0	56.38	530.0	50.0	44.83	530.0	410.0	55.26
520.0	540.0	56.06	530.0	60.0	45.18	530.0	420.0	55.44
520.0	550.0	54.28	530.0	70.0	45.49	530.0	430.0	55.64
520.0	560.0	54.01	530.0	80.0	45.61	530.0	440.0	55.64
520.0	570.0	53.69	530.0	90.0	45.97	530.0	450.0	55.81
520.0	580.0	53.42	530.0	100.0	46.19	530.0	460.0	55.90
520.0	590.0	53.12	530.0	110.0	46.42	530.0	470.0	55.87
520.0	600.0	52.90	530.0	120.0	46.78	530.0	480.0	55.91
520.0	610.0	52.82	530.0	130.0	46.86	530.0	490.0	55.65
520.0	620.0	52.67	530.0	140.0	47.23	530.0	500.0	55.38
520.0	630.0	52.45	530.0	150.0	47.56	530.0	510.0	55.19
520.0	640.0	53.28	530.0	160.0	47.96	530.0	520.0	54.93
520.0	650.0	53.06	530.0	170.0	48.12	530.0	530.0	54.64
520.0	660.0	52.83	530.0	180.0	48.39	530.0	540.0	55.53
520.0	670.0	52.62	530.0	190.0	48.80	530.0	550.0	55.14
520.0	680.0	52.38	530.0	200.0	48.97	530.0	560.0	53.48
520.0	690.0	52.16	530.0	210.0	49.57	530.0	570.0	53.28
520.0	700.0	51.92	530.0	220.0	49.88	530.0	580.0	52.93
520.0	710.0	51.69	530.0	230.0	50.15	530.0	590.0	52.78
520.0	720.0	51.53	530.0	240.0	50.39	530.0	600.0	52.69
520.0	730.0	51.48	530.0	250.0	50.87	530.0	610.0	52.53
520.0	740.0	51.24	530.0	260.0	51.32	530.0	620.0	52.39
520.0	750.0	51.11	530.0	270.0	51.63	530.0	630.0	52.27
520.0	760.0	50.77	530.0	280.0	51.98	530.0	640.0	53.10
520.0	770.0	50.66	530.0	290.0	52.32	530.0	650.0	52.88
520.0	780.0	50.56	530.0	300.0	52.48	530.0	660.0	52.57
520.0	790.0	50.22	530.0	310.0	52.81	530.0	670.0	52.38
520.0	800.0	50.15	530.0	320.0	53.03	530.0	680.0	52.14
520.0	810.0	49.75	530.0	330.0	53.35	530.0	690.0	51.92
520.0	820.0	49.50	530.0	340.0	53.51	530.0	700.0	51.74
520.0	830.0	50.73	530.0	350.0	53.81	530.0	710.0	51.53
530.0	0.0	43.80	530.0	360.0	54.03	530.0	720.0	51.40
530.0	10.0	43.99	530.0	370.0	54.14	530.0	730.0	51.26
530.0	20.0	44.12	530.0	380.0	54.31	530.0	740.0	51.10
530.0	30.0	44.37	530.0	390.0	54.60	530.0	750.0	50.90
530.0	40.0	44.63	530.0	400.0	54.80	530.0	760.0	50.71

530.0	770.0	50.49	540.0	290.0	52.07	540.0	650.0	52.62
530.0	780.0	50.39	540.0	300.0	52.27	540.0	660.0	52.39
530.0	790.0	50.20	540.0	310.0	52.48	540.0	670.0	52.18
530.0	800.0	50.04	540.0	320.0	52.76	540.0	680.0	51.92
530.0	810.0	49.63	540.0	330.0	52.96	540.0	690.0	51.71
530.0	820.0	49.48	540.0	340.0	53.32	540.0	700.0	51.58
530.0	830.0	49.26	540.0	350.0	53.45	540.0	710.0	51.36
540.0	0.0	43.81	540.0	360.0	53.51	540.0	720.0	51.17
540.0	10.0	43.98	540.0	370.0	53.59	540.0	730.0	50.98
540.0	20.0	44.20	540.0	380.0	53.94	540.0	740.0	50.87
540.0	30.0	44.43	540.0	390.0	54.22	540.0	750.0	50.63
540.0	40.0	44.75	540.0	400.0	54.48	540.0	760.0	50.56
540.0	50.0	44.92	540.0	410.0	54.71	540.0	770.0	50.44
540.0	60.0	45.14	540.0	420.0	54.85	540.0	780.0	50.17
540.0	70.0	45.48	540.0	430.0	54.92	540.0	790.0	50.06
540.0	80.0	45.70	540.0	440.0	55.06	540.0	800.0	49.79
540.0	90.0	45.94	540.0	450.0	55.26	540.0	810.0	49.56
540.0	100.0	46.21	540.0	460.0	55.34	540.0	820.0	49.50
540.0	110.0	46.33	540.0	470.0	55.24	540.0	830.0	49.22
540.0	120.0	46.70	540.0	480.0	55.29	550.0	0.0	43.75
540.0	130.0	46.88	540.0	490.0	55.06	550.0	10.0	43.96
540.0	140.0	47.31	540.0	500.0	54.83	550.0	20.0	44.39
540.0	150.0	47.61	540.0	510.0	54.59	550.0	30.0	44.48
540.0	160.0	47.77	540.0	520.0	54.34	550.0	40.0	44.69
540.0	170.0	48.08	540.0	530.0	54.08	550.0	50.0	45.03
540.0	180.0	48.42	540.0	540.0	55.22	550.0	60.0	45.24
540.0	190.0	48.66	540.0	550.0	54.74	550.0	70.0	45.43
540.0	200.0	49.17	540.0	560.0	52.92	550.0	80.0	45.68
540.0	210.0	49.43	540.0	570.0	52.82	550.0	90.0	46.09
540.0	220.0	49.74	540.0	580.0	52.55	550.0	100.0	46.20
540.0	230.0	50.02	540.0	590.0	52.37	550.0	110.0	46.43
540.0	240.0	50.49	540.0	600.0	52.26	550.0	120.0	46.60
540.0	250.0	50.84	540.0	610.0	52.13	550.0	130.0	47.04
540.0	260.0	51.16	540.0	620.0	52.10	550.0	140.0	47.23
540.0	270.0	51.48	540.0	630.0	52.01	550.0	150.0	47.51
540.0	280.0	51.81	540.0	640.0	51.88	550.0	160.0	47.75

550.0	170.0	48.11	550.0	530.0	53.59	560.0	50.0	44.98
550.0	180.0	48.31	550.0	540.0	53.44	560.0	60.0	45.21
550.0	190.0	48.79	550.0	550.0	54.44	560.0	70.0	45.58
550.0	200.0	49.04	550.0	560.0	54.17	560.0	80.0	45.70
550.0	210.0	49.28	550.0	570.0	52.33	560.0	90.0	45.93
550.0	220.0	49.64	550.0	580.0	52.17	560.0	100.0	46.10
550.0	230.0	50.06	550.0	590.0	51.91	560.0	110.0	46.45
550.0	240.0	50.40	550.0	600.0	51.86	560.0	120.0	46.73
550.0	250.0	50.68	550.0	610.0	51.82	560.0	130.0	46.89
550.0	260.0	50.98	550.0	620.0	51.67	560.0	140.0	47.22
550.0	270.0	51.29	550.0	630.0	51.66	560.0	150.0	47.46
550.0	280.0	51.58	550.0	640.0	51.64	560.0	160.0	47.75
550.0	290.0	51.73	550.0	650.0	51.38	560.0	170.0	47.99
550.0	300.0	51.97	550.0	660.0	52.25	560.0	180.0	48.42
550.0	310.0	52.17	550.0	670.0	51.95	560.0	190.0	48.59
550.0	320.0	52.41	550.0	680.0	51.70	560.0	200.0	48.89
550.0	330.0	52.64	550.0	690.0	51.55	560.0	210.0	49.28
550.0	340.0	52.91	550.0	700.0	51.27	560.0	220.0	49.64
550.0	350.0	52.95	550.0	710.0	51.10	560.0	230.0	49.92
550.0	360.0	53.11	550.0	720.0	51.01	560.0	240.0	50.24
550.0	370.0	53.27	550.0	730.0	50.82	560.0	250.0	50.52
550.0	380.0	53.53	550.0	740.0	50.65	560.0	260.0	50.83
550.0	390.0	53.67	550.0	750.0	50.60	560.0	270.0	51.09
550.0	400.0	54.08	550.0	760.0	50.27	560.0	280.0	51.23
550.0	410.0	54.22	550.0	770.0	50.21	560.0	290.0	51.48
550.0	420.0	54.38	550.0	780.0	50.03	560.0	300.0	51.68
550.0	430.0	54.44	550.0	790.0	49.83	560.0	310.0	51.92
550.0	440.0	54.50	550.0	800.0	49.73	560.0	320.0	52.20
550.0	450.0	54.70	550.0	810.0	49.48	560.0	330.0	52.41
550.0	460.0	54.75	550.0	820.0	49.28	560.0	340.0	52.53
550.0	470.0	54.75	550.0	830.0	49.13	560.0	350.0	52.53
550.0	480.0	54.75	560.0	0.0	43.99	560.0	360.0	52.68
550.0	490.0	54.48	560.0	10.0	44.05	560.0	370.0	52.92
550.0	500.0	54.30	560.0	20.0	44.26	560.0	380.0	53.12
550.0	510.0	54.11	560.0	30.0	44.63	560.0	390.0	53.34
550.0	520.0	53.85	560.0	40.0	44.84	560.0	400.0	53.72

560.0	410.0	53.74	560.0	770.0	50.06	570.0	290.0	51.21
560.0	420.0	53.96	560.0	780.0	49.91	570.0	300.0	51.43
560.0	430.0	53.97	560.0	790.0	49.62	570.0	310.0	51.73
560.0	440.0	54.10	560.0	800.0	49.59	570.0	320.0	51.91
560.0	450.0	54.24	560.0	810.0	49.44	570.0	330.0	52.03
560.0	460.0	54.32	560.0	820.0	49.26	570.0	340.0	52.02
560.0	470.0	54.24	560.0	830.0	49.12	570.0	350.0	52.16
560.0	480.0	54.27	570.0	0.0	43.95	570.0	360.0	52.38
560.0	490.0	54.04	570.0	10.0	44.21	570.0	370.0	52.65
560.0	500.0	53.72	570.0	20.0	44.37	570.0	380.0	52.73
560.0	510.0	53.63	570.0	30.0	44.52	570.0	390.0	53.13
560.0	520.0	53.41	570.0	40.0	44.80	570.0	400.0	53.25
560.0	530.0	53.21	570.0	50.0	45.08	570.0	410.0	53.46
560.0	540.0	53.04	570.0	60.0	45.32	570.0	420.0	53.41
560.0	550.0	54.15	570.0	70.0	45.44	570.0	430.0	53.55
560.0	560.0	53.83	570.0	80.0	45.65	570.0	440.0	53.72
560.0	570.0	51.90	570.0	90.0	45.87	570.0	450.0	53.74
560.0	580.0	51.75	570.0	100.0	46.19	570.0	460.0	53.79
560.0	590.0	51.55	570.0	110.0	46.44	570.0	470.0	53.77
560.0	600.0	51.36	570.0	120.0	46.63	570.0	480.0	53.77
560.0	610.0	51.51	570.0	130.0	46.97	570.0	490.0	53.51
560.0	620.0	51.29	570.0	140.0	47.12	570.0	500.0	53.27
560.0	630.0	51.25	570.0	150.0	47.44	570.0	510.0	53.17
560.0	640.0	51.25	570.0	160.0	47.75	570.0	520.0	52.98
560.0	650.0	51.21	570.0	170.0	48.01	570.0	530.0	52.72
560.0	660.0	52.17	570.0	180.0	48.24	570.0	540.0	52.60
560.0	670.0	51.81	570.0	190.0	48.55	570.0	550.0	53.92
560.0	680.0	51.60	570.0	200.0	48.90	570.0	560.0	53.56
560.0	690.0	51.29	570.0	210.0	49.27	570.0	570.0	53.32
560.0	700.0	51.14	570.0	220.0	49.48	570.0	580.0	51.41
560.0	710.0	50.94	570.0	230.0	49.82	570.0	590.0	51.29
560.0	720.0	50.74	570.0	240.0	50.07	570.0	600.0	51.03
560.0	730.0	50.60	570.0	250.0	50.37	570.0	610.0	50.94
560.0	740.0	50.44	570.0	260.0	50.72	570.0	620.0	51.08
560.0	750.0	50.33	570.0	270.0	50.80	570.0	630.0	50.90
560.0	760.0	50.21	570.0	280.0	51.01	570.0	640.0	50.87

570.0	650.0	50.85	580.0	170.0	47.87	580.0	530.0	52.36
570.0	660.0	50.76	580.0	180.0	48.21	580.0	540.0	52.22
570.0	670.0	51.79	580.0	190.0	48.53	580.0	550.0	52.08
570.0	680.0	51.44	580.0	200.0	48.84	580.0	560.0	53.25
570.0	690.0	51.21	580.0	210.0	49.14	580.0	570.0	53.01
570.0	700.0	50.98	580.0	220.0	49.40	580.0	580.0	51.07
570.0	710.0	50.76	580.0	230.0	49.68	580.0	590.0	50.92
570.0	720.0	50.65	580.0	240.0	49.98	580.0	600.0	50.82
570.0	730.0	50.41	580.0	250.0	50.27	580.0	610.0	50.52
570.0	740.0	50.24	580.0	260.0	50.37	580.0	620.0	50.64
570.0	750.0	50.06	580.0	270.0	50.55	580.0	630.0	50.55
570.0	760.0	49.94	580.0	280.0	50.76	580.0	640.0	50.48
570.0	770.0	49.94	580.0	290.0	50.97	580.0	650.0	50.48
570.0	780.0	49.69	580.0	300.0	51.27	580.0	660.0	50.47
570.0	790.0	49.57	580.0	310.0	51.53	580.0	670.0	51.48
570.0	800.0	49.39	580.0	320.0	51.65	580.0	680.0	51.33
570.0	810.0	49.16	580.0	330.0	51.73	580.0	690.0	51.09
570.0	820.0	49.00	580.0	340.0	51.72	580.0	700.0	50.82
570.0	830.0	48.84	580.0	350.0	51.81	580.0	710.0	50.67
580.0	0.0	43.99	580.0	360.0	52.01	580.0	720.0	50.41
580.0	10.0	44.14	580.0	370.0	52.22	580.0	730.0	50.28
580.0	20.0	44.46	580.0	380.0	52.38	580.0	740.0	50.09
580.0	30.0	44.59	580.0	390.0	52.77	580.0	750.0	49.90
580.0	40.0	44.89	580.0	400.0	52.84	580.0	760.0	49.74
580.0	50.0	44.97	580.0	410.0	53.02	580.0	770.0	49.54
580.0	60.0	45.18	580.0	420.0	52.99	580.0	780.0	49.56
580.0	70.0	45.35	580.0	430.0	53.05	580.0	790.0	49.42
580.0	80.0	45.66	580.0	440.0	53.29	580.0	800.0	49.29
580.0	90.0	45.94	580.0	450.0	53.32	580.0	810.0	49.08
580.0	100.0	46.13	580.0	460.0	53.41	580.0	820.0	48.92
580.0	110.0	46.46	580.0	470.0	53.33	580.0	830.0	48.71
580.0	120.0	46.64	580.0	480.0	53.32	590.0	0.0	44.03
580.0	130.0	46.83	580.0	490.0	53.05	590.0	10.0	44.25
580.0	140.0	47.09	580.0	500.0	52.84	590.0	20.0	44.46
580.0	150.0	47.45	580.0	510.0	52.63	590.0	30.0	44.64
580.0	160.0	47.68	580.0	520.0	52.67	590.0	40.0	44.75

590.0	50.0	44.91	590.0	410.0	52.54	590.0	770.0	49.33
590.0	60.0	45.13	590.0	420.0	52.74	590.0	780.0	49.20
590.0	70.0	45.41	590.0	430.0	52.72	590.0	790.0	49.13
590.0	80.0	45.63	590.0	440.0	52.92	590.0	800.0	49.03
590.0	90.0	45.97	590.0	450.0	52.94	590.0	810.0	49.00
590.0	100.0	46.16	590.0	460.0	53.00	590.0	820.0	48.81
590.0	110.0	46.36	590.0	470.0	52.94	590.0	830.0	48.64
590.0	120.0	46.50	590.0	480.0	52.96	600.0	0.0	43.94
590.0	130.0	46.81	590.0	490.0	52.70	600.0	10.0	44.22
590.0	140.0	47.13	590.0	500.0	52.41	600.0	20.0	44.27
590.0	150.0	47.34	590.0	510.0	52.26	600.0	30.0	44.50
590.0	160.0	47.61	590.0	520.0	52.29	600.0	40.0	44.74
590.0	170.0	47.85	590.0	530.0	52.09	600.0	50.0	44.98
590.0	180.0	48.16	590.0	540.0	51.78	600.0	60.0	45.14
590.0	190.0	48.41	590.0	550.0	51.69	600.0	70.0	45.50
590.0	200.0	48.76	590.0	560.0	53.13	600.0	80.0	45.75
590.0	210.0	49.02	590.0	570.0	52.74	600.0	90.0	45.87
590.0	220.0	49.27	590.0	580.0	52.55	600.0	100.0	46.05
590.0	230.0	49.57	590.0	590.0	50.59	600.0	110.0	46.22
590.0	240.0	49.78	590.0	600.0	50.46	600.0	120.0	46.46
590.0	250.0	49.98	590.0	610.0	50.33	600.0	130.0	46.80
590.0	260.0	50.12	590.0	620.0	50.13	600.0	140.0	47.03
590.0	270.0	50.33	590.0	630.0	50.21	600.0	150.0	47.34
590.0	280.0	50.53	590.0	640.0	50.11	600.0	160.0	47.52
590.0	290.0	50.83	590.0	650.0	50.18	600.0	170.0	47.82
590.0	300.0	51.08	590.0	660.0	50.13	600.0	180.0	48.06
590.0	310.0	51.21	590.0	670.0	50.06	600.0	190.0	48.40
590.0	320.0	51.20	590.0	680.0	51.10	600.0	200.0	48.65
590.0	330.0	51.22	590.0	690.0	50.94	600.0	210.0	48.93
590.0	340.0	51.34	590.0	700.0	50.68	600.0	220.0	49.21
590.0	350.0	51.58	590.0	710.0	50.54	600.0	230.0	49.36
590.0	360.0	51.80	590.0	720.0	50.32	600.0	240.0	49.56
590.0	370.0	51.89	590.0	730.0	50.15	600.0	250.0	49.71
590.0	380.0	52.36	590.0	740.0	49.92	600.0	260.0	49.90
590.0	390.0	52.40	590.0	750.0	49.73	600.0	270.0	50.11
590.0	400.0	52.51	590.0	760.0	49.54	600.0	280.0	50.40

600.0	290.0	50.64	600.0	650.0	49.68	610.0	170.0	47.73
600.0	300.0	50.89	600.0	660.0	49.80	610.0	180.0	48.10
600.0	310.0	50.78	600.0	670.0	49.81	610.0	190.0	48.29
600.0	320.0	50.84	600.0	680.0	49.71	610.0	200.0	48.53
600.0	330.0	50.99	600.0	690.0	50.76	610.0	210.0	48.81
600.0	340.0	51.15	600.0	700.0	50.57	610.0	220.0	48.98
600.0	350.0	51.26	600.0	710.0	50.32	610.0	230.0	49.17
600.0	360.0	51.41	600.0	720.0	50.23	610.0	240.0	49.34
600.0	370.0	51.56	600.0	730.0	50.06	610.0	250.0	49.49
600.0	380.0	52.01	600.0	740.0	49.84	610.0	260.0	49.71
600.0	390.0	52.04	600.0	750.0	49.65	610.0	270.0	49.99
600.0	400.0	52.14	600.0	760.0	49.43	610.0	280.0	50.22
600.0	410.0	52.22	600.0	770.0	49.19	610.0	290.0	50.44
600.0	420.0	52.32	600.0	780.0	49.07	610.0	300.0	50.46
600.0	430.0	52.41	600.0	790.0	48.85	610.0	310.0	50.46
600.0	440.0	52.53	600.0	800.0	48.79	610.0	320.0	50.50
600.0	450.0	52.56	600.0	810.0	48.65	610.0	330.0	50.68
600.0	460.0	52.61	600.0	820.0	48.71	610.0	340.0	50.83
600.0	470.0	52.57	600.0	830.0	48.54	610.0	350.0	51.02
600.0	480.0	52.60	610.0	0.0	44.00	610.0	360.0	51.14
600.0	490.0	52.26	610.0	10.0	44.05	610.0	370.0	51.56
600.0	500.0	51.99	610.0	20.0	44.23	610.0	380.0	51.78
600.0	510.0	52.01	610.0	30.0	44.55	610.0	390.0	51.73
600.0	520.0	51.97	610.0	40.0	44.73	610.0	400.0	51.80
600.0	530.0	51.78	610.0	50.0	44.93	610.0	410.0	51.82
600.0	540.0	51.53	610.0	60.0	45.23	610.0	420.0	51.87
600.0	550.0	51.35	610.0	70.0	45.50	610.0	430.0	52.16
600.0	560.0	51.32	610.0	80.0	45.60	610.0	440.0	52.11
600.0	570.0	52.49	610.0	90.0	45.79	610.0	450.0	52.24
600.0	580.0	52.31	610.0	100.0	45.89	610.0	460.0	52.30
600.0	590.0	50.30	610.0	110.0	46.18	610.0	470.0	52.23
600.0	600.0	50.21	610.0	120.0	46.51	610.0	480.0	52.24
600.0	610.0	50.09	610.0	130.0	46.75	610.0	490.0	51.91
600.0	620.0	49.89	610.0	140.0	47.04	610.0	500.0	51.58
600.0	630.0	49.91	610.0	150.0	47.29	610.0	510.0	51.58
600.0	640.0	49.83	610.0	160.0	47.47	610.0	520.0	51.61

610.0	530.0	51.42	620.0	50.0	45.01	620.0	410.0	51.54
610.0	540.0	51.32	620.0	60.0	45.14	620.0	420.0	51.65
610.0	550.0	51.03	620.0	70.0	45.33	620.0	430.0	51.81
610.0	560.0	50.89	620.0	80.0	45.45	620.0	440.0	51.81
610.0	570.0	52.24	620.0	90.0	45.58	620.0	450.0	52.02
610.0	580.0	52.03	620.0	100.0	46.06	620.0	460.0	51.92
610.0	590.0	51.85	620.0	110.0	46.21	620.0	470.0	51.90
610.0	600.0	49.89	620.0	120.0	46.51	620.0	480.0	51.92
610.0	610.0	49.80	620.0	130.0	46.74	620.0	490.0	51.66
610.0	620.0	49.60	620.0	140.0	46.96	620.0	500.0	51.23
610.0	630.0	49.44	620.0	150.0	47.11	620.0	510.0	51.16
610.0	640.0	49.50	620.0	160.0	47.38	620.0	520.0	51.25
610.0	650.0	49.49	620.0	170.0	47.72	620.0	530.0	51.13
610.0	660.0	49.35	620.0	180.0	47.94	620.0	540.0	50.96
610.0	670.0	49.48	620.0	190.0	48.22	620.0	550.0	50.75
610.0	680.0	49.49	620.0	200.0	48.45	620.0	560.0	50.59
610.0	690.0	50.49	620.0	210.0	48.61	620.0	570.0	52.07
610.0	700.0	50.31	620.0	220.0	48.79	620.0	580.0	51.82
610.0	710.0	50.20	620.0	230.0	48.94	620.0	590.0	51.62
610.0	720.0	49.97	620.0	240.0	49.11	620.0	600.0	49.59
610.0	730.0	49.86	620.0	250.0	49.29	620.0	610.0	49.54
610.0	740.0	49.74	620.0	260.0	49.60	620.0	620.0	49.51
610.0	750.0	49.45	620.0	270.0	49.81	620.0	630.0	49.16
610.0	760.0	49.28	620.0	280.0	49.99	620.0	640.0	49.22
610.0	770.0	49.10	620.0	290.0	50.14	620.0	650.0	49.15
610.0	780.0	48.86	620.0	300.0	50.10	620.0	660.0	49.18
610.0	790.0	48.71	620.0	310.0	50.13	620.0	670.0	49.03
610.0	800.0	48.63	620.0	320.0	50.29	620.0	680.0	49.08
610.0	810.0	48.57	620.0	330.0	50.45	620.0	690.0	49.12
610.0	820.0	48.39	620.0	340.0	50.53	620.0	700.0	50.16
610.0	830.0	48.33	620.0	350.0	50.66	620.0	710.0	49.99
620.0	0.0	43.83	620.0	360.0	50.84	620.0	720.0	49.88
620.0	10.0	44.05	620.0	370.0	51.32	620.0	730.0	49.65
620.0	20.0	44.30	620.0	380.0	51.37	620.0	740.0	49.50
620.0	30.0	44.43	620.0	390.0	51.46	620.0	750.0	49.42
620.0	40.0	44.77	620.0	400.0	51.46	620.0	760.0	49.24

620.0	770.0	48.95	630.0	290.0	49.77	630.0	650.0	48.94
620.0	780.0	48.85	630.0	300.0	49.73	630.0	660.0	48.88
620.0	790.0	48.60	630.0	310.0	49.88	630.0	670.0	48.84
620.0	800.0	48.45	630.0	320.0	50.03	630.0	680.0	48.74
620.0	810.0	48.27	630.0	330.0	50.21	630.0	690.0	48.75
620.0	820.0	48.30	630.0	340.0	50.26	630.0	700.0	48.75
620.0	830.0	48.13	630.0	350.0	50.42	630.0	710.0	49.83
630.0	0.0	43.90	630.0	360.0	50.57	630.0	720.0	49.69
630.0	10.0	44.07	630.0	370.0	51.11	630.0	730.0	49.56
630.0	20.0	44.29	630.0	380.0	51.05	630.0	740.0	49.32
630.0	30.0	44.59	630.0	390.0	51.19	630.0	750.0	49.13
630.0	40.0	44.78	630.0	400.0	51.11	630.0	760.0	49.04
630.0	50.0	44.88	630.0	410.0	51.26	630.0	770.0	48.93
630.0	60.0	45.00	630.0	420.0	51.21	630.0	780.0	48.70
630.0	70.0	45.13	630.0	430.0	51.45	630.0	790.0	48.53
630.0	80.0	45.36	630.0	440.0	51.55	630.0	800.0	48.42
630.0	90.0	45.78	630.0	450.0	51.58	630.0	810.0	48.17
630.0	100.0	45.99	630.0	460.0	51.55	630.0	820.0	48.02
630.0	110.0	46.20	630.0	470.0	51.59	630.0	830.0	47.97
630.0	120.0	46.44	630.0	480.0	51.57	640.0	0.0	43.87
630.0	130.0	46.67	630.0	490.0	51.35	640.0	10.0	44.13
630.0	140.0	46.86	630.0	500.0	50.83	640.0	20.0	44.38
630.0	150.0	47.12	630.0	510.0	50.77	640.0	30.0	44.52
630.0	160.0	47.39	630.0	520.0	50.79	640.0	40.0	44.65
630.0	170.0	47.61	630.0	530.0	50.88	640.0	50.0	44.74
630.0	180.0	47.87	630.0	540.0	50.71	640.0	60.0	44.87
630.0	190.0	48.14	630.0	550.0	50.51	640.0	70.0	45.10
630.0	200.0	48.27	630.0	560.0	50.39	640.0	80.0	45.50
630.0	210.0	48.43	630.0	570.0	50.26	640.0	90.0	45.76
630.0	220.0	48.61	630.0	580.0	51.56	640.0	100.0	45.90
630.0	230.0	48.70	630.0	590.0	51.37	640.0	110.0	46.12
630.0	240.0	48.90	630.0	600.0	49.42	640.0	120.0	46.32
630.0	250.0	49.24	630.0	610.0	49.19	640.0	130.0	46.54
630.0	260.0	49.38	630.0	620.0	49.17	640.0	140.0	46.81
630.0	270.0	49.62	630.0	630.0	49.15	640.0	150.0	47.07
630.0	280.0	49.80	630.0	640.0	48.97	640.0	160.0	47.25

640.0	170.0	47.55	640.0	530.0	50.66	650.0	50.0	44.65
640.0	180.0	47.77	640.0	540.0	50.38	650.0	60.0	44.82
640.0	190.0	47.93	640.0	550.0	50.28	650.0	70.0	45.28
640.0	200.0	48.08	640.0	560.0	50.21	650.0	80.0	45.48
640.0	210.0	48.26	640.0	570.0	49.92	650.0	90.0	45.67
640.0	220.0	48.35	640.0	580.0	51.43	650.0	100.0	45.86
640.0	230.0	48.54	640.0	590.0	51.14	650.0	110.0	46.03
640.0	240.0	48.84	640.0	600.0	51.00	650.0	120.0	46.26
640.0	250.0	49.03	640.0	610.0	49.02	650.0	130.0	46.49
640.0	260.0	49.23	640.0	620.0	48.85	650.0	140.0	46.77
640.0	270.0	49.46	640.0	630.0	48.84	650.0	150.0	47.03
640.0	280.0	49.46	640.0	640.0	48.64	650.0	160.0	47.23
640.0	290.0	49.45	640.0	650.0	48.64	650.0	170.0	47.41
640.0	300.0	49.51	640.0	660.0	48.62	650.0	180.0	47.58
640.0	310.0	49.69	640.0	670.0	48.58	650.0	190.0	47.78
640.0	320.0	49.77	640.0	680.0	48.49	650.0	200.0	47.89
640.0	330.0	49.86	640.0	690.0	48.46	650.0	210.0	48.03
640.0	340.0	50.00	640.0	700.0	48.45	650.0	220.0	48.17
640.0	350.0	50.13	640.0	710.0	49.55	650.0	230.0	48.49
640.0	360.0	50.64	640.0	720.0	49.47	650.0	240.0	48.67
640.0	370.0	50.78	640.0	730.0	49.35	650.0	250.0	48.88
640.0	380.0	50.73	640.0	740.0	49.19	650.0	260.0	49.07
640.0	390.0	50.76	640.0	750.0	49.00	650.0	270.0	49.14
640.0	400.0	50.87	640.0	760.0	48.80	650.0	280.0	49.08
640.0	410.0	50.82	640.0	770.0	48.65	650.0	290.0	49.14
640.0	420.0	50.97	640.0	780.0	48.59	650.0	300.0	49.33
640.0	430.0	51.19	640.0	790.0	48.50	650.0	310.0	49.38
640.0	440.0	51.33	640.0	800.0	48.24	650.0	320.0	49.55
640.0	450.0	51.27	640.0	810.0	48.13	650.0	330.0	49.64
640.0	460.0	51.29	640.0	820.0	47.91	650.0	340.0	49.62
640.0	470.0	51.32	640.0	830.0	47.73	650.0	350.0	49.89
640.0	480.0	51.30	650.0	0.0	43.88	650.0	360.0	50.39
640.0	490.0	51.06	650.0	10.0	44.13	650.0	370.0	50.43
640.0	500.0	50.56	650.0	20.0	44.29	650.0	380.0	50.53
640.0	510.0	50.47	650.0	30.0	44.33	650.0	390.0	50.53
640.0	520.0	50.49	650.0	40.0	44.50	650.0	400.0	50.57

650.0	410.0	50.46	650.0	770.0	48.50	660.0	290.0	48.95
650.0	420.0	50.77	650.0	780.0	48.38	660.0	300.0	48.95
650.0	430.0	50.83	650.0	790.0	48.27	660.0	310.0	49.14
650.0	440.0	50.95	650.0	800.0	48.19	660.0	320.0	49.24
650.0	450.0	51.00	650.0	810.0	48.05	660.0	330.0	49.36
650.0	460.0	50.99	650.0	820.0	47.84	660.0	340.0	49.39
650.0	470.0	50.97	650.0	830.0	47.70	660.0	350.0	49.98
650.0	480.0	50.92	660.0	0.0	43.88	660.0	360.0	50.15
650.0	490.0	50.74	660.0	10.0	43.99	660.0	370.0	50.12
650.0	500.0	50.29	660.0	20.0	44.05	660.0	380.0	50.09
650.0	510.0	50.15	660.0	30.0	44.23	660.0	390.0	50.20
650.0	520.0	50.08	660.0	40.0	44.41	660.0	400.0	50.32
650.0	530.0	50.20	660.0	50.0	44.74	660.0	410.0	50.26
650.0	540.0	50.16	660.0	60.0	45.06	660.0	420.0	50.51
650.0	550.0	50.04	660.0	70.0	45.22	660.0	430.0	50.59
650.0	560.0	49.88	660.0	80.0	45.39	660.0	440.0	50.67
650.0	570.0	49.77	660.0	90.0	45.52	660.0	450.0	50.70
650.0	580.0	49.56	660.0	100.0	45.83	660.0	460.0	50.66
650.0	590.0	50.93	660.0	110.0	45.98	660.0	470.0	50.70
650.0	600.0	50.74	660.0	120.0	46.20	660.0	480.0	50.63
650.0	610.0	48.81	660.0	130.0	46.48	660.0	490.0	50.47
650.0	620.0	48.59	660.0	140.0	46.73	660.0	500.0	50.06
650.0	630.0	48.57	660.0	150.0	46.93	660.0	510.0	49.90
650.0	640.0	48.56	660.0	160.0	47.06	660.0	520.0	49.76
650.0	650.0	48.43	660.0	170.0	47.30	660.0	530.0	49.83
650.0	660.0	48.35	660.0	180.0	47.45	660.0	540.0	49.89
650.0	670.0	48.35	660.0	190.0	47.46	660.0	550.0	49.77
650.0	680.0	48.30	660.0	200.0	47.70	660.0	560.0	49.57
650.0	690.0	48.24	660.0	210.0	47.82	660.0	570.0	49.51
650.0	700.0	48.20	660.0	220.0	48.10	660.0	580.0	49.31
650.0	710.0	48.14	660.0	230.0	48.33	660.0	590.0	50.71
650.0	720.0	49.22	660.0	240.0	48.52	660.0	600.0	50.55
650.0	730.0	49.13	660.0	250.0	48.71	660.0	610.0	50.41
650.0	740.0	49.01	660.0	260.0	48.80	660.0	620.0	48.53
650.0	750.0	48.88	660.0	270.0	48.84	660.0	630.0	48.28
650.0	760.0	48.66	660.0	280.0	48.78	660.0	640.0	48.24

660.0	650.0	48.08	670.0	170.0	47.13	670.0	530.0	49.41
660.0	660.0	48.10	670.0	180.0	47.24	670.0	540.0	49.54
660.0	670.0	48.15	670.0	190.0	47.42	670.0	550.0	49.53
660.0	680.0	48.04	670.0	200.0	47.49	670.0	560.0	49.35
660.0	690.0	47.99	670.0	210.0	47.75	670.0	570.0	49.30
660.0	700.0	47.89	670.0	220.0	47.98	670.0	580.0	49.15
660.0	710.0	47.95	670.0	230.0	48.21	670.0	590.0	50.62
660.0	720.0	47.79	670.0	240.0	48.35	670.0	600.0	50.34
660.0	730.0	48.86	670.0	250.0	48.50	670.0	610.0	50.17
660.0	740.0	48.83	670.0	260.0	48.53	670.0	620.0	48.22
660.0	750.0	48.73	670.0	270.0	48.46	670.0	630.0	48.12
660.0	760.0	48.58	670.0	280.0	48.69	670.0	640.0	48.01
660.0	770.0	48.37	670.0	290.0	48.73	670.0	650.0	47.94
660.0	780.0	48.19	670.0	300.0	48.78	670.0	660.0	47.88
660.0	790.0	48.08	670.0	310.0	48.81	670.0	670.0	47.82
660.0	800.0	47.98	670.0	320.0	49.04	670.0	680.0	47.82
660.0	810.0	47.86	670.0	330.0	49.01	670.0	690.0	47.79
660.0	820.0	47.75	670.0	340.0	49.27	670.0	700.0	47.73
660.0	830.0	47.65	670.0	350.0	49.77	670.0	710.0	47.70
670.0	0.0	43.73	670.0	360.0	49.76	670.0	720.0	47.62
670.0	10.0	43.86	670.0	370.0	49.93	670.0	730.0	48.66
670.0	20.0	44.01	670.0	380.0	49.84	670.0	740.0	48.57
670.0	30.0	44.18	670.0	390.0	49.96	670.0	750.0	48.48
670.0	40.0	44.56	670.0	400.0	49.98	670.0	760.0	48.41
670.0	50.0	44.83	670.0	410.0	49.98	670.0	770.0	48.32
670.0	60.0	44.94	670.0	420.0	50.18	670.0	780.0	48.09
670.0	70.0	45.13	670.0	430.0	50.26	670.0	790.0	47.88
670.0	80.0	45.32	670.0	440.0	50.43	670.0	800.0	47.80
670.0	90.0	45.55	670.0	450.0	50.40	670.0	810.0	47.70
670.0	100.0	45.70	670.0	460.0	50.42	670.0	820.0	47.57
670.0	110.0	45.92	670.0	470.0	50.41	670.0	830.0	47.47
670.0	120.0	46.19	670.0	480.0	50.33	680.0	0.0	43.62
670.0	130.0	46.43	670.0	490.0	50.14	680.0	10.0	43.79
670.0	140.0	46.63	670.0	500.0	49.71	680.0	20.0	43.99
670.0	150.0	46.76	670.0	510.0	49.62	680.0	30.0	44.36
670.0	160.0	46.95	670.0	520.0	49.47	680.0	40.0	44.54

680.0	50.0	44.70	680.0	410.0	49.78	680.0	770.0	48.10
680.0	60.0	44.82	680.0	420.0	49.96	680.0	780.0	48.04
680.0	70.0	45.09	680.0	430.0	50.00	680.0	790.0	47.82
680.0	80.0	45.28	680.0	440.0	50.24	680.0	800.0	47.62
680.0	90.0	45.43	680.0	450.0	50.14	680.0	810.0	47.50
680.0	100.0	45.64	680.0	460.0	50.10	680.0	820.0	47.41
680.0	110.0	45.90	680.0	470.0	50.17	680.0	830.0	47.29
680.0	120.0	46.15	680.0	480.0	50.09	690.0	0.0	43.55
680.0	130.0	46.34	680.0	490.0	49.86	690.0	10.0	43.75
680.0	140.0	46.45	680.0	500.0	49.48	690.0	20.0	44.12
680.0	150.0	46.65	680.0	510.0	49.43	690.0	30.0	44.31
680.0	160.0	46.83	680.0	520.0	49.17	690.0	40.0	44.45
680.0	170.0	46.93	680.0	530.0	49.14	690.0	50.0	44.60
680.0	180.0	47.07	680.0	540.0	49.23	690.0	60.0	44.89
680.0	190.0	47.18	680.0	550.0	49.27	690.0	70.0	45.03
680.0	200.0	47.42	680.0	560.0	49.21	690.0	80.0	45.16
680.0	210.0	47.63	680.0	570.0	48.94	690.0	90.0	45.37
680.0	220.0	47.87	680.0	580.0	48.89	690.0	100.0	45.66
680.0	230.0	47.99	680.0	590.0	48.90	690.0	110.0	45.87
680.0	240.0	48.18	680.0	600.0	50.16	690.0	120.0	46.10
680.0	250.0	48.19	680.0	610.0	49.99	690.0	130.0	46.16
680.0	260.0	48.26	680.0	620.0	49.88	690.0	140.0	46.36
680.0	270.0	48.25	680.0	630.0	47.90	690.0	150.0	46.51
680.0	280.0	48.36	680.0	640.0	47.75	690.0	160.0	46.63
680.0	290.0	48.50	680.0	650.0	47.71	690.0	170.0	46.73
680.0	300.0	48.57	680.0	660.0	47.76	690.0	180.0	46.90
680.0	310.0	48.67	680.0	670.0	47.58	690.0	190.0	47.12
680.0	320.0	48.84	680.0	680.0	47.53	690.0	200.0	47.30
680.0	330.0	48.86	680.0	690.0	47.56	690.0	210.0	47.47
680.0	340.0	49.46	680.0	700.0	47.53	690.0	220.0	47.71
680.0	350.0	49.56	680.0	710.0	47.41	690.0	230.0	47.90
680.0	360.0	49.49	680.0	720.0	47.42	690.0	240.0	47.91
680.0	370.0	49.64	680.0	730.0	47.34	690.0	250.0	47.91
680.0	380.0	49.64	680.0	740.0	48.36	690.0	260.0	47.93
680.0	390.0	49.74	680.0	750.0	48.26	690.0	270.0	48.18
680.0	400.0	49.62	680.0	760.0	48.18	690.0	280.0	48.18

690.0	290.0	48.24	690.0	650.0	47.43	700.0	170.0	46.61
690.0	300.0	48.27	690.0	660.0	47.39	700.0	180.0	46.81
690.0	310.0	48.56	690.0	670.0	47.36	700.0	190.0	47.01
690.0	320.0	48.44	690.0	680.0	47.28	700.0	200.0	47.16
690.0	330.0	48.70	690.0	690.0	47.32	700.0	210.0	47.38
690.0	340.0	49.16	690.0	700.0	47.30	700.0	220.0	47.55
690.0	350.0	49.18	690.0	710.0	47.30	700.0	230.0	47.61
690.0	360.0	49.27	690.0	720.0	47.16	700.0	240.0	47.63
690.0	370.0	49.32	690.0	730.0	47.17	700.0	250.0	47.67
690.0	380.0	49.34	690.0	740.0	48.22	700.0	260.0	47.73
690.0	390.0	49.47	690.0	750.0	48.11	700.0	270.0	47.84
690.0	400.0	49.36	690.0	760.0	47.98	700.0	280.0	47.96
690.0	410.0	49.61	690.0	770.0	47.89	700.0	290.0	47.95
690.0	420.0	49.63	690.0	780.0	47.78	700.0	300.0	48.10
690.0	430.0	49.75	690.0	790.0	47.70	700.0	310.0	48.22
690.0	440.0	49.94	690.0	800.0	47.54	700.0	320.0	48.31
690.0	450.0	49.89	690.0	810.0	47.36	700.0	330.0	48.79
690.0	460.0	49.83	690.0	820.0	47.23	700.0	340.0	48.96
690.0	470.0	49.91	690.0	830.0	47.15	700.0	350.0	49.00
690.0	480.0	49.81	700.0	0.0	43.69	700.0	360.0	49.15
690.0	490.0	49.67	700.0	10.0	43.89	700.0	370.0	49.07
690.0	500.0	49.23	700.0	20.0	44.06	700.0	380.0	49.13
690.0	510.0	49.10	700.0	30.0	44.15	700.0	390.0	49.11
690.0	520.0	48.86	700.0	40.0	44.38	700.0	400.0	49.21
690.0	530.0	48.89	700.0	50.0	44.65	700.0	410.0	49.35
690.0	540.0	48.90	700.0	60.0	44.78	700.0	420.0	49.37
690.0	550.0	49.03	700.0	70.0	44.89	700.0	430.0	49.48
690.0	560.0	48.91	700.0	80.0	45.10	700.0	440.0	49.59
690.0	570.0	48.76	700.0	90.0	45.43	700.0	450.0	49.64
690.0	580.0	48.72	700.0	100.0	45.60	700.0	460.0	49.61
690.0	590.0	48.55	700.0	110.0	45.79	700.0	470.0	49.58
690.0	600.0	50.12	700.0	120.0	45.89	700.0	480.0	49.55
690.0	610.0	49.79	700.0	130.0	46.08	700.0	490.0	49.35
690.0	620.0	49.65	700.0	140.0	46.23	700.0	500.0	48.90
690.0	630.0	47.67	700.0	150.0	46.34	700.0	510.0	48.71
690.0	640.0	47.53	700.0	160.0	46.46	700.0	520.0	48.74

700.0	530.0	48.67	710.0	50.0	44.54	710.0	410.0	49.08
700.0	540.0	48.72	710.0	60.0	44.66	710.0	420.0	49.11
700.0	550.0	48.67	710.0	70.0	44.86	710.0	430.0	49.24
700.0	560.0	48.66	710.0	80.0	45.14	710.0	440.0	49.43
700.0	570.0	48.56	710.0	90.0	45.34	710.0	450.0	49.38
700.0	580.0	48.51	710.0	100.0	45.48	710.0	460.0	49.33
700.0	590.0	48.36	710.0	110.0	45.62	710.0	470.0	49.38
700.0	600.0	49.93	710.0	120.0	45.77	710.0	480.0	49.35
700.0	610.0	49.60	710.0	130.0	45.95	710.0	490.0	49.09
700.0	620.0	49.45	710.0	140.0	46.09	710.0	500.0	48.70
700.0	630.0	49.34	710.0	150.0	46.17	710.0	510.0	48.54
700.0	640.0	47.39	710.0	160.0	46.33	710.0	520.0	48.48
700.0	650.0	47.28	710.0	170.0	46.52	710.0	530.0	48.37
700.0	660.0	47.24	710.0	180.0	46.70	710.0	540.0	48.33
700.0	670.0	47.19	710.0	190.0	46.86	710.0	550.0	48.42
700.0	680.0	47.06	710.0	200.0	47.07	710.0	560.0	48.36
700.0	690.0	47.01	710.0	210.0	47.25	710.0	570.0	48.28
700.0	700.0	47.08	710.0	220.0	47.36	710.0	580.0	48.22
700.0	710.0	47.05	710.0	230.0	47.37	710.0	590.0	48.12
700.0	720.0	47.03	710.0	240.0	47.37	710.0	600.0	48.00
700.0	730.0	46.92	710.0	250.0	47.42	710.0	610.0	49.51
700.0	740.0	46.86	710.0	260.0	47.55	710.0	620.0	49.28
700.0	750.0	47.93	710.0	270.0	47.64	710.0	630.0	49.18
700.0	760.0	47.80	710.0	280.0	47.65	710.0	640.0	47.14
700.0	770.0	47.69	710.0	290.0	47.78	710.0	650.0	47.08
700.0	780.0	47.59	710.0	300.0	47.90	710.0	660.0	47.07
700.0	790.0	47.51	710.0	310.0	47.90	710.0	670.0	46.99
700.0	800.0	47.46	710.0	320.0	48.11	710.0	680.0	46.90
700.0	810.0	47.28	710.0	330.0	48.58	710.0	690.0	46.83
700.0	820.0	47.11	710.0	340.0	48.81	710.0	700.0	46.75
700.0	830.0	46.98	710.0	350.0	48.67	710.0	710.0	46.81
710.0	0.0	43.66	710.0	360.0	48.76	710.0	720.0	46.82
710.0	10.0	43.83	710.0	370.0	48.86	710.0	730.0	46.78
710.0	20.0	43.92	710.0	380.0	48.92	710.0	740.0	46.68
710.0	30.0	44.19	710.0	390.0	48.81	710.0	750.0	46.59
710.0	40.0	44.40	710.0	400.0	48.92	710.0	760.0	47.67

710.0	770.0	47.52	720.0	290.0	47.58	720.0	650.0	46.92
710.0	780.0	47.44	720.0	300.0	47.58	720.0	660.0	46.72
710.0	790.0	47.31	720.0	310.0	47.79	720.0	670.0	46.71
710.0	800.0	47.23	720.0	320.0	47.96	720.0	680.0	46.84
710.0	810.0	47.09	720.0	330.0	48.38	720.0	690.0	46.63
710.0	820.0	46.99	720.0	340.0	48.44	720.0	700.0	46.56
710.0	830.0	46.84	720.0	350.0	48.46	720.0	710.0	46.57
720.0	0.0	43.61	720.0	360.0	48.54	720.0	720.0	46.55
720.0	10.0	43.70	720.0	370.0	48.61	720.0	730.0	46.58
720.0	20.0	43.97	720.0	380.0	48.67	720.0	740.0	46.51
720.0	30.0	44.14	720.0	390.0	48.51	720.0	750.0	46.40
720.0	40.0	44.30	720.0	400.0	48.78	720.0	760.0	47.49
720.0	50.0	44.40	720.0	410.0	48.82	720.0	770.0	47.40
720.0	60.0	44.66	720.0	420.0	48.86	720.0	780.0	47.25
720.0	70.0	44.89	720.0	430.0	49.06	720.0	790.0	47.18
720.0	80.0	45.08	720.0	440.0	49.13	720.0	800.0	47.03
720.0	90.0	45.18	720.0	450.0	49.15	720.0	810.0	46.98
720.0	100.0	45.36	720.0	460.0	49.11	720.0	820.0	46.83
720.0	110.0	45.50	720.0	470.0	49.09	720.0	830.0	46.74
720.0	120.0	45.68	720.0	480.0	49.11	730.0	0.0	43.47
720.0	130.0	45.77	720.0	490.0	48.86	730.0	10.0	43.72
720.0	140.0	45.96	720.0	500.0	48.47	730.0	20.0	43.91
720.0	150.0	46.02	720.0	510.0	48.29	730.0	30.0	44.04
720.0	160.0	46.23	720.0	520.0	48.22	730.0	40.0	44.16
720.0	170.0	46.42	720.0	530.0	48.18	730.0	50.0	44.42
720.0	180.0	46.56	720.0	540.0	48.06	730.0	60.0	44.64
720.0	190.0	46.75	720.0	550.0	48.16	730.0	70.0	44.82
720.0	200.0	46.95	720.0	560.0	48.11	730.0	80.0	44.92
720.0	210.0	47.07	720.0	570.0	48.16	730.0	90.0	45.14
720.0	220.0	47.07	720.0	580.0	47.96	730.0	100.0	45.23
720.0	230.0	47.10	720.0	590.0	47.94	730.0	110.0	45.41
720.0	240.0	47.17	720.0	600.0	47.82	730.0	120.0	45.51
720.0	250.0	47.32	720.0	610.0	49.44	730.0	130.0	45.69
720.0	260.0	47.34	720.0	620.0	49.15	730.0	140.0	45.75
720.0	270.0	47.44	720.0	630.0	48.96	730.0	150.0	45.99
720.0	280.0	47.43	720.0	640.0	48.86	730.0	160.0	46.14

730.0	170.0	46.27	730.0	530.0	47.93	740.0	50.0	44.41
730.0	180.0	46.47	730.0	540.0	47.87	740.0	60.0	44.57
730.0	190.0	46.59	730.0	550.0	47.90	740.0	70.0	44.68
730.0	200.0	46.78	730.0	560.0	47.85	740.0	80.0	44.85
730.0	210.0	46.83	730.0	570.0	47.82	740.0	90.0	44.98
730.0	220.0	46.81	730.0	580.0	47.74	740.0	100.0	45.15
730.0	230.0	46.89	730.0	590.0	47.72	740.0	110.0	45.23
730.0	240.0	47.00	730.0	600.0	47.67	740.0	120.0	45.45
730.0	250.0	47.06	730.0	610.0	47.47	740.0	130.0	45.48
730.0	260.0	47.14	730.0	620.0	49.06	740.0	140.0	45.71
730.0	270.0	47.18	730.0	630.0	48.85	740.0	150.0	45.86
730.0	280.0	47.25	730.0	640.0	48.68	740.0	160.0	45.99
730.0	290.0	47.38	730.0	650.0	46.66	740.0	170.0	46.17
730.0	300.0	47.41	730.0	660.0	46.62	740.0	180.0	46.32
730.0	310.0	47.63	730.0	670.0	46.46	740.0	190.0	46.54
730.0	320.0	47.96	730.0	680.0	46.53	740.0	200.0	46.55
730.0	330.0	48.25	730.0	690.0	46.42	740.0	210.0	46.54
730.0	340.0	48.20	730.0	700.0	46.41	740.0	220.0	46.60
730.0	350.0	48.27	730.0	710.0	46.32	740.0	230.0	46.71
730.0	360.0	48.30	730.0	720.0	46.34	740.0	240.0	46.79
730.0	370.0	48.42	730.0	730.0	46.33	740.0	250.0	46.91
730.0	380.0	48.33	730.0	740.0	46.34	740.0	260.0	46.95
730.0	390.0	48.32	730.0	750.0	46.28	740.0	270.0	46.90
730.0	400.0	48.51	730.0	760.0	46.14	740.0	280.0	47.09
730.0	410.0	48.64	730.0	770.0	47.22	740.0	290.0	47.08
730.0	420.0	48.69	730.0	780.0	47.14	740.0	300.0	47.35
730.0	430.0	48.91	730.0	790.0	46.99	740.0	310.0	47.47
730.0	440.0	48.90	730.0	800.0	46.90	740.0	320.0	47.79
730.0	450.0	48.95	730.0	810.0	46.81	740.0	330.0	47.94
730.0	460.0	48.85	730.0	820.0	46.72	740.0	340.0	48.00
730.0	470.0	48.85	730.0	830.0	46.57	740.0	350.0	47.94
730.0	480.0	48.86	740.0	0.0	43.59	740.0	360.0	48.12
730.0	490.0	48.63	740.0	10.0	43.70	740.0	370.0	48.18
730.0	500.0	48.22	740.0	20.0	43.82	740.0	380.0	48.05
730.0	510.0	48.01	740.0	30.0	43.95	740.0	390.0	48.09
730.0	520.0	48.05	740.0	40.0	44.17	740.0	400.0	48.30

740.0	410.0	48.37	740.0	770.0	45.92	750.0	290.0	46.87
740.0	420.0	48.47	740.0	780.0	46.97	750.0	300.0	47.14
740.0	430.0	48.68	740.0	790.0	46.89	750.0	310.0	47.57
740.0	440.0	48.62	740.0	800.0	46.74	750.0	320.0	47.73
740.0	450.0	48.68	740.0	810.0	46.60	750.0	330.0	47.75
740.0	460.0	48.62	740.0	820.0	46.55	750.0	340.0	47.83
740.0	470.0	48.62	740.0	830.0	46.43	750.0	350.0	47.76
740.0	480.0	48.66	750.0	0.0	43.48	750.0	360.0	47.83
740.0	490.0	48.38	750.0	10.0	43.58	750.0	370.0	48.00
740.0	500.0	47.96	750.0	20.0	43.71	750.0	380.0	47.80
740.0	510.0	47.82	750.0	30.0	43.99	750.0	390.0	47.93
740.0	520.0	47.80	750.0	40.0	44.17	750.0	400.0	48.05
740.0	530.0	47.65	750.0	50.0	44.33	750.0	410.0	48.11
740.0	540.0	47.68	750.0	60.0	44.44	750.0	420.0	48.23
740.0	550.0	47.68	750.0	70.0	44.60	750.0	430.0	48.41
740.0	560.0	47.63	750.0	80.0	44.73	750.0	440.0	48.42
740.0	570.0	47.59	750.0	90.0	44.90	750.0	450.0	48.46
740.0	580.0	47.68	750.0	100.0	44.97	750.0	460.0	48.39
740.0	590.0	47.47	750.0	110.0	45.16	750.0	470.0	48.43
740.0	600.0	47.46	750.0	120.0	45.22	750.0	480.0	48.38
740.0	610.0	47.38	750.0	130.0	45.45	750.0	490.0	48.19
740.0	620.0	48.83	750.0	140.0	45.59	750.0	500.0	47.77
740.0	630.0	48.66	750.0	150.0	45.73	750.0	510.0	47.57
740.0	640.0	48.48	750.0	160.0	45.90	750.0	520.0	47.55
740.0	650.0	48.40	750.0	170.0	46.05	750.0	530.0	47.43
740.0	660.0	46.40	750.0	180.0	46.18	750.0	540.0	47.40
740.0	670.0	46.26	750.0	190.0	46.30	750.0	550.0	47.27
740.0	680.0	46.21	750.0	200.0	46.33	750.0	560.0	47.49
740.0	690.0	46.34	750.0	210.0	46.37	750.0	570.0	47.35
740.0	700.0	46.20	750.0	220.0	46.42	750.0	580.0	47.31
740.0	710.0	46.15	750.0	230.0	46.56	750.0	590.0	47.29
740.0	720.0	46.07	750.0	240.0	46.60	750.0	600.0	47.18
740.0	730.0	46.16	750.0	250.0	46.66	750.0	610.0	47.06
740.0	740.0	46.11	750.0	260.0	46.66	750.0	620.0	48.76
740.0	750.0	46.12	750.0	270.0	46.81	750.0	630.0	48.53
740.0	760.0	46.02	750.0	280.0	46.86	750.0	640.0	48.43

750.0	650.0	48.23	760.0	170.0	45.91	760.0	530.0	47.24
750.0	660.0	46.22	760.0	180.0	46.04	760.0	540.0	47.17
750.0	670.0	46.14	760.0	190.0	46.06	760.0	550.0	47.10
750.0	680.0	46.01	760.0	200.0	46.09	760.0	560.0	47.25
750.0	690.0	46.14	760.0	210.0	46.14	760.0	570.0	47.10
750.0	700.0	46.02	760.0	220.0	46.33	760.0	580.0	47.14
750.0	710.0	45.94	760.0	230.0	46.34	760.0	590.0	47.09
750.0	720.0	45.93	760.0	240.0	46.41	760.0	600.0	46.98
750.0	730.0	45.92	760.0	250.0	46.42	760.0	610.0	46.91
750.0	740.0	45.89	760.0	260.0	46.52	760.0	620.0	46.90
750.0	750.0	45.89	760.0	270.0	46.62	760.0	630.0	48.35
750.0	760.0	45.85	760.0	280.0	46.59	760.0	640.0	48.23
750.0	770.0	45.77	760.0	290.0	46.75	760.0	650.0	48.09
750.0	780.0	46.82	760.0	300.0	46.99	760.0	660.0	47.96
750.0	790.0	46.71	760.0	310.0	47.36	760.0	670.0	46.00
750.0	800.0	46.60	760.0	320.0	47.46	760.0	680.0	45.82
750.0	810.0	46.56	760.0	330.0	47.52	760.0	690.0	45.75
750.0	820.0	46.36	760.0	340.0	47.50	760.0	700.0	45.96
750.0	830.0	46.30	760.0	350.0	47.59	760.0	710.0	45.72
760.0	0.0	43.37	760.0	360.0	47.69	760.0	720.0	45.70
760.0	10.0	43.54	760.0	370.0	47.68	760.0	730.0	45.74
760.0	20.0	43.76	760.0	380.0	47.57	760.0	740.0	45.71
760.0	30.0	43.94	760.0	390.0	47.80	760.0	750.0	45.67
760.0	40.0	44.06	760.0	400.0	47.83	760.0	760.0	45.68
760.0	50.0	44.18	760.0	410.0	47.89	760.0	770.0	45.57
760.0	60.0	44.36	760.0	420.0	47.99	760.0	780.0	45.53
760.0	70.0	44.49	760.0	430.0	48.14	760.0	790.0	46.56
760.0	80.0	44.62	760.0	440.0	48.20	760.0	800.0	46.43
760.0	90.0	44.77	760.0	450.0	48.24	760.0	810.0	46.36
760.0	100.0	44.91	760.0	460.0	48.20	760.0	820.0	46.28
760.0	110.0	45.03	760.0	470.0	48.18	760.0	830.0	46.12
760.0	120.0	45.19	760.0	480.0	48.18	770.0	0.0	43.32
760.0	130.0	45.33	760.0	490.0	47.96	770.0	10.0	43.54
760.0	140.0	45.47	760.0	500.0	47.52	770.0	20.0	43.72
760.0	150.0	45.58	760.0	510.0	47.32	770.0	30.0	43.83
760.0	160.0	45.76	760.0	520.0	47.33	770.0	40.0	43.95

770.0	50.0	44.13	770.0	410.0	47.73	770.0	770.0	45.46
770.0	60.0	44.29	770.0	420.0	47.78	770.0	780.0	45.35
770.0	70.0	44.32	770.0	430.0	47.93	770.0	790.0	45.29
770.0	80.0	44.52	770.0	440.0	47.97	770.0	800.0	46.34
770.0	90.0	44.66	770.0	450.0	47.97	770.0	810.0	46.20
770.0	100.0	44.81	770.0	460.0	48.02	770.0	820.0	46.10
770.0	110.0	44.93	770.0	470.0	47.94	770.0	830.0	46.07
770.0	120.0	45.05	770.0	480.0	47.91	780.0	0.0	43.32
770.0	130.0	45.19	770.0	490.0	47.76	780.0	10.0	43.49
770.0	140.0	45.32	770.0	500.0	47.32	780.0	20.0	43.60
770.0	150.0	45.51	770.0	510.0	47.12	780.0	30.0	43.73
770.0	160.0	45.66	770.0	520.0	47.13	780.0	40.0	43.90
770.0	170.0	45.77	770.0	530.0	46.99	780.0	50.0	44.02
770.0	180.0	45.83	770.0	540.0	46.99	780.0	60.0	44.08
770.0	190.0	45.83	770.0	550.0	46.81	780.0	70.0	44.29
770.0	200.0	45.87	770.0	560.0	46.98	780.0	80.0	44.40
770.0	210.0	45.98	770.0	570.0	46.89	780.0	90.0	44.59
770.0	220.0	46.06	770.0	580.0	46.87	780.0	100.0	44.69
770.0	230.0	46.15	770.0	590.0	46.85	780.0	110.0	44.77
770.0	240.0	46.20	770.0	600.0	46.91	780.0	120.0	44.95
770.0	250.0	46.20	770.0	610.0	46.80	780.0	130.0	45.05
770.0	260.0	46.34	770.0	620.0	46.72	780.0	140.0	45.26
770.0	270.0	46.39	770.0	630.0	48.34	780.0	150.0	45.39
770.0	280.0	46.42	770.0	640.0	48.07	780.0	160.0	45.51
770.0	290.0	46.69	770.0	650.0	47.96	780.0	170.0	45.55
770.0	300.0	47.10	770.0	660.0	47.83	780.0	180.0	45.57
770.0	310.0	47.09	770.0	670.0	45.77	780.0	190.0	45.63
770.0	320.0	47.26	770.0	680.0	45.75	780.0	200.0	45.72
770.0	330.0	47.32	770.0	690.0	45.57	780.0	210.0	45.91
770.0	340.0	47.29	770.0	700.0	45.63	780.0	220.0	45.90
770.0	350.0	47.39	770.0	710.0	45.63	780.0	230.0	45.96
770.0	360.0	47.48	770.0	720.0	45.58	780.0	240.0	45.93
770.0	370.0	47.42	770.0	730.0	45.50	780.0	250.0	46.07
770.0	380.0	47.43	770.0	740.0	45.51	780.0	260.0	46.16
770.0	390.0	47.59	770.0	750.0	45.50	780.0	270.0	46.15
770.0	400.0	47.65	770.0	760.0	45.47	780.0	280.0	46.28

780.0	290.0	46.55	780.0	650.0	47.83	790.0	170.0	45.33
780.0	300.0	46.94	780.0	660.0	47.73	790.0	180.0	45.39
780.0	310.0	47.04	780.0	670.0	47.51	790.0	190.0	45.46
780.0	320.0	47.01	780.0	680.0	45.54	790.0	200.0	45.64
780.0	330.0	47.11	780.0	690.0	45.46	790.0	210.0	45.63
780.0	340.0	47.08	780.0	700.0	45.36	790.0	220.0	45.76
780.0	350.0	47.20	780.0	710.0	45.50	790.0	230.0	45.70
780.0	360.0	47.25	780.0	720.0	45.33	790.0	240.0	45.75
780.0	370.0	47.14	780.0	730.0	45.36	790.0	250.0	45.90
780.0	380.0	47.20	780.0	740.0	45.28	790.0	260.0	45.87
780.0	390.0	47.37	780.0	750.0	45.34	790.0	270.0	45.99
780.0	400.0	47.48	780.0	760.0	45.31	790.0	280.0	46.17
780.0	410.0	47.53	780.0	770.0	45.26	790.0	290.0	46.73
780.0	420.0	47.62	780.0	780.0	45.25	790.0	300.0	46.72
780.0	430.0	47.78	780.0	790.0	45.12	790.0	310.0	46.87
780.0	440.0	47.76	780.0	800.0	46.20	790.0	320.0	46.80
780.0	450.0	47.78	780.0	810.0	46.12	790.0	330.0	46.77
780.0	460.0	47.85	780.0	820.0	45.96	790.0	340.0	46.90
780.0	470.0	47.74	780.0	830.0	45.87	790.0	350.0	47.05
780.0	480.0	47.70	790.0	0.0	43.28	790.0	360.0	47.01
780.0	490.0	47.57	790.0	10.0	43.38	790.0	370.0	46.95
780.0	500.0	47.18	790.0	20.0	43.51	790.0	380.0	47.09
780.0	510.0	46.92	790.0	30.0	43.64	790.0	390.0	47.16
780.0	520.0	46.85	790.0	40.0	43.79	790.0	400.0	47.18
780.0	530.0	46.80	790.0	50.0	43.85	790.0	410.0	47.31
780.0	540.0	46.78	790.0	60.0	44.05	790.0	420.0	47.49
780.0	550.0	46.60	790.0	70.0	44.17	790.0	430.0	47.57
780.0	560.0	46.86	790.0	80.0	44.35	790.0	440.0	47.60
780.0	570.0	46.74	790.0	90.0	44.44	790.0	450.0	47.52
780.0	580.0	46.62	790.0	100.0	44.57	790.0	460.0	47.69
780.0	590.0	46.62	790.0	110.0	44.73	790.0	470.0	47.54
780.0	600.0	46.53	790.0	120.0	44.83	790.0	480.0	47.51
780.0	610.0	46.56	790.0	130.0	45.00	790.0	490.0	47.31
780.0	620.0	46.41	790.0	140.0	45.12	790.0	500.0	46.97
780.0	630.0	46.33	790.0	150.0	45.30	790.0	510.0	46.71
780.0	640.0	47.90	790.0	160.0	45.33	790.0	520.0	46.64

790.0	530.0	46.58	800.0	50.0	43.82	800.0	410.0	47.19
790.0	540.0	46.62	800.0	60.0	43.94	800.0	420.0	47.33
790.0	550.0	46.54	800.0	70.0	44.12	800.0	430.0	47.30
790.0	560.0	46.40	800.0	80.0	44.20	800.0	440.0	47.35
790.0	570.0	46.55	800.0	90.0	44.33	800.0	450.0	47.30
790.0	580.0	46.45	800.0	100.0	44.45	800.0	460.0	47.44
790.0	590.0	46.40	800.0	110.0	44.58	800.0	470.0	47.33
790.0	600.0	46.38	800.0	120.0	44.76	800.0	480.0	47.31
790.0	610.0	46.40	800.0	130.0	44.86	800.0	490.0	47.09
790.0	620.0	46.24	800.0	140.0	45.02	800.0	500.0	46.74
790.0	630.0	46.25	800.0	150.0	45.12	800.0	510.0	46.50
790.0	640.0	47.84	800.0	160.0	45.10	800.0	520.0	46.46
790.0	650.0	47.62	800.0	170.0	45.15	800.0	530.0	46.45
790.0	660.0	47.52	800.0	180.0	45.19	800.0	540.0	46.32
790.0	670.0	47.43	800.0	190.0	45.40	800.0	550.0	46.38
790.0	680.0	45.34	800.0	200.0	45.44	800.0	560.0	46.20
790.0	690.0	45.31	800.0	210.0	45.49	800.0	570.0	46.44
790.0	700.0	45.16	800.0	220.0	45.53	800.0	580.0	46.25
790.0	710.0	45.22	800.0	230.0	45.50	800.0	590.0	46.21
790.0	720.0	45.21	800.0	240.0	45.63	800.0	600.0	46.15
790.0	730.0	45.05	800.0	250.0	45.73	800.0	610.0	46.08
790.0	740.0	45.12	800.0	260.0	45.70	800.0	620.0	46.19
790.0	750.0	45.07	800.0	270.0	45.82	800.0	630.0	46.09
790.0	760.0	45.14	800.0	280.0	46.07	800.0	640.0	47.76
790.0	770.0	45.06	800.0	290.0	46.55	800.0	650.0	47.49
790.0	780.0	45.06	800.0	300.0	46.58	800.0	660.0	47.35
790.0	790.0	44.99	800.0	310.0	46.59	800.0	670.0	47.29
790.0	800.0	44.90	800.0	320.0	46.67	800.0	680.0	47.14
790.0	810.0	45.95	800.0	330.0	46.63	800.0	690.0	45.12
790.0	820.0	45.89	800.0	340.0	46.67	800.0	700.0	45.05
790.0	830.0	45.71	800.0	350.0	46.81	800.0	710.0	44.93
800.0	0.0	43.16	800.0	360.0	46.71	800.0	720.0	45.07
800.0	10.0	43.28	800.0	370.0	46.81	800.0	730.0	44.99
800.0	20.0	43.41	800.0	380.0	46.96	800.0	740.0	44.89
800.0	30.0	43.57	800.0	390.0	46.99	800.0	750.0	44.91
800.0	40.0	43.63	800.0	400.0	47.00	800.0	760.0	44.86

800.0	770.0	44.95	810.0	290.0	46.26	810.0	650.0	47.34
800.0	780.0	44.87	810.0	300.0	46.36	810.0	660.0	47.19
800.0	790.0	44.86	810.0	310.0	46.42	810.0	670.0	47.15
800.0	800.0	44.79	810.0	320.0	46.38	810.0	680.0	47.08
800.0	810.0	45.81	810.0	330.0	46.48	810.0	690.0	44.94
800.0	820.0	45.71	810.0	340.0	46.48	810.0	700.0	44.91
800.0	830.0	45.65	810.0	350.0	46.64	810.0	710.0	44.78
810.0	0.0	43.08	810.0	360.0	46.45	810.0	720.0	44.83
810.0	10.0	43.19	810.0	370.0	46.62	810.0	730.0	44.84
810.0	20.0	43.35	810.0	380.0	46.75	810.0	740.0	44.76
810.0	30.0	43.44	810.0	390.0	46.79	810.0	750.0	44.75
810.0	40.0	43.57	810.0	400.0	46.76	810.0	760.0	44.71
810.0	50.0	43.72	810.0	410.0	46.94	810.0	770.0	44.74
810.0	60.0	43.90	810.0	420.0	47.09	810.0	780.0	44.77
810.0	70.0	44.01	810.0	430.0	47.10	810.0	790.0	44.67
810.0	80.0	44.09	810.0	440.0	47.17	810.0	800.0	44.64
810.0	90.0	44.25	810.0	450.0	47.15	810.0	810.0	44.51
810.0	100.0	44.37	810.0	460.0	47.19	810.0	820.0	45.58
810.0	110.0	44.52	810.0	470.0	47.13	810.0	830.0	45.48
810.0	120.0	44.63	810.0	480.0	47.06	820.0	0.0	42.98
810.0	130.0	44.79	810.0	490.0	46.89	820.0	10.0	43.13
810.0	140.0	44.87	810.0	500.0	46.56	820.0	20.0	43.19
810.0	150.0	44.92	810.0	510.0	46.36	820.0	30.0	43.35
810.0	160.0	44.88	810.0	520.0	46.27	820.0	40.0	43.50
810.0	170.0	44.94	810.0	530.0	46.25	820.0	50.0	43.66
810.0	180.0	45.05	810.0	540.0	46.10	820.0	60.0	43.72
810.0	190.0	45.24	810.0	550.0	46.19	820.0	70.0	43.91
810.0	200.0	45.23	810.0	560.0	45.97	820.0	80.0	43.99
810.0	210.0	45.28	810.0	570.0	46.12	820.0	90.0	44.13
810.0	220.0	45.24	810.0	580.0	46.07	820.0	100.0	44.28
810.0	230.0	45.33	810.0	590.0	46.03	820.0	110.0	44.38
810.0	240.0	45.51	810.0	600.0	45.97	820.0	120.0	44.53
810.0	250.0	45.46	810.0	610.0	45.98	820.0	130.0	44.63
810.0	260.0	45.53	810.0	620.0	46.03	820.0	140.0	44.66
810.0	270.0	45.74	810.0	630.0	45.81	820.0	150.0	44.65
810.0	280.0	45.84	810.0	640.0	45.73	820.0	160.0	44.77

820.0	170.0	44.81	820.0	530.0	46.03	830.0	50.0	43.50
820.0	180.0	45.00	820.0	540.0	45.98	830.0	60.0	43.67
820.0	190.0	45.05	820.0	550.0	45.96	830.0	70.0	43.80
820.0	200.0	45.13	820.0	560.0	45.80	830.0	80.0	43.87
820.0	210.0	45.06	820.0	570.0	45.94	830.0	90.0	44.00
820.0	220.0	45.07	820.0	580.0	46.01	830.0	100.0	44.16
820.0	230.0	45.23	820.0	590.0	45.82	830.0	110.0	44.29
820.0	240.0	45.26	820.0	600.0	45.75	830.0	120.0	44.41
820.0	250.0	45.27	820.0	610.0	45.72	830.0	130.0	44.41
820.0	260.0	45.44	820.0	620.0	45.65	830.0	140.0	44.44
820.0	270.0	45.63	820.0	630.0	45.71	830.0	150.0	44.51
820.0	280.0	46.06	820.0	640.0	45.59	830.0	160.0	44.57
820.0	290.0	46.20	820.0	650.0	47.35	830.0	170.0	44.77
820.0	300.0	46.09	820.0	660.0	47.10	830.0	180.0	44.81
820.0	310.0	46.28	820.0	670.0	47.00	830.0	190.0	44.84
820.0	320.0	46.21	820.0	680.0	46.87	830.0	200.0	44.88
820.0	330.0	46.29	820.0	690.0	46.80	830.0	210.0	44.83
820.0	340.0	46.41	820.0	700.0	44.73	830.0	220.0	44.97
820.0	350.0	46.40	820.0	710.0	44.68	830.0	230.0	45.10
820.0	360.0	46.26	820.0	720.0	44.71	830.0	240.0	45.03
820.0	370.0	46.48	820.0	730.0	44.62	830.0	250.0	45.12
820.0	380.0	46.54	820.0	740.0	44.62	830.0	260.0	45.33
820.0	390.0	46.58	820.0	750.0	44.55	830.0	270.0	45.42
820.0	400.0	46.59	820.0	760.0	44.54	830.0	280.0	45.89
820.0	410.0	46.76	820.0	770.0	44.49	830.0	290.0	46.12
820.0	420.0	46.92	820.0	780.0	44.55	830.0	300.0	45.97
820.0	430.0	46.91	820.0	790.0	44.57	830.0	310.0	46.00
820.0	440.0	46.96	820.0	800.0	44.48	830.0	320.0	46.09
820.0	450.0	46.95	820.0	810.0	44.42	830.0	330.0	46.11
820.0	460.0	46.99	820.0	820.0	44.29	830.0	340.0	46.21
820.0	470.0	46.93	820.0	830.0	45.35	830.0	350.0	46.09
820.0	480.0	46.87	830.0	0.0	42.93	830.0	360.0	46.08
820.0	490.0	46.65	830.0	10.0	42.97	830.0	370.0	46.29
820.0	500.0	46.37	830.0	20.0	43.13	830.0	380.0	46.28
820.0	510.0	46.16	830.0	30.0	43.28	830.0	390.0	46.36
820.0	520.0	46.06	830.0	40.0	43.44	830.0	400.0	46.47

830.0	410.0	46.58	830.0	770.0	44.34	840.0	290.0	45.88
830.0	420.0	46.73	830.0	780.0	44.30	840.0	300.0	45.77
830.0	430.0	46.71	830.0	790.0	44.38	840.0	310.0	45.73
830.0	440.0	46.73	830.0	800.0	44.37	840.0	320.0	45.91
830.0	450.0	46.76	830.0	810.0	44.28	840.0	330.0	45.98
830.0	460.0	46.85	830.0	820.0	44.23	840.0	340.0	45.98
830.0	470.0	46.78	830.0	830.0	45.22	840.0	350.0	45.92
830.0	480.0	46.68	840.0	0.0	42.77	840.0	360.0	45.96
830.0	490.0	46.54	840.0	10.0	42.95	840.0	370.0	46.22
830.0	500.0	46.18	840.0	20.0	43.07	840.0	380.0	46.11
830.0	510.0	45.90	840.0	30.0	43.23	840.0	390.0	46.13
830.0	520.0	45.89	840.0	40.0	43.28	840.0	400.0	46.29
830.0	530.0	45.85	840.0	50.0	43.43	840.0	410.0	46.41
830.0	540.0	45.75	840.0	60.0	43.58	840.0	420.0	46.58
830.0	550.0	45.73	840.0	70.0	43.64	840.0	430.0	46.53
830.0	560.0	45.62	840.0	80.0	43.78	840.0	440.0	46.54
830.0	570.0	45.79	840.0	90.0	43.93	840.0	450.0	46.57
830.0	580.0	45.74	840.0	100.0	44.05	840.0	460.0	46.65
830.0	590.0	45.65	840.0	110.0	44.22	840.0	470.0	46.65
830.0	600.0	45.59	840.0	120.0	44.22	840.0	480.0	46.50
830.0	610.0	45.55	840.0	130.0	44.20	840.0	490.0	46.31
830.0	620.0	45.56	840.0	140.0	44.26	840.0	500.0	45.98
830.0	630.0	45.46	840.0	150.0	44.33	840.0	510.0	45.71
830.0	640.0	45.51	840.0	160.0	44.43	840.0	520.0	45.78
830.0	650.0	45.38	840.0	170.0	44.62	840.0	530.0	45.69
830.0	660.0	46.99	840.0	180.0	44.67	840.0	540.0	45.52
830.0	670.0	46.83	840.0	190.0	44.78	840.0	550.0	45.55
830.0	680.0	46.72	840.0	200.0	44.67	840.0	560.0	45.46
830.0	690.0	46.67	840.0	210.0	44.69	840.0	570.0	45.43
830.0	700.0	44.62	840.0	220.0	44.82	840.0	580.0	45.58
830.0	710.0	44.52	840.0	230.0	44.90	840.0	590.0	45.55
830.0	720.0	44.37	840.0	240.0	44.88	840.0	600.0	45.38
830.0	730.0	44.48	840.0	250.0	45.00	840.0	610.0	45.32
830.0	740.0	44.42	840.0	260.0	45.22	840.0	620.0	45.31
830.0	750.0	44.27	840.0	270.0	45.63	840.0	630.0	45.30
830.0	760.0	44.38	840.0	280.0	45.79	840.0	640.0	45.28

840.0	650.0	45.19	850.0	170.0	44.43	850.0	530.0	45.45
840.0	660.0	46.79	850.0	180.0	44.51	850.0	540.0	45.34
840.0	670.0	46.64	850.0	190.0	44.47	850.0	550.0	45.41
840.0	680.0	46.54	850.0	200.0	44.47	850.0	560.0	45.27
840.0	690.0	46.53	850.0	210.0	44.58	850.0	570.0	45.27
840.0	700.0	44.52	850.0	220.0	44.70	850.0	580.0	45.35
840.0	710.0	44.41	850.0	230.0	44.64	850.0	590.0	45.29
840.0	720.0	44.30	850.0	240.0	44.72	850.0	600.0	45.23
840.0	730.0	44.30	850.0	250.0	44.89	850.0	610.0	45.19
840.0	740.0	44.24	850.0	260.0	45.20	850.0	620.0	45.14
840.0	750.0	44.23	850.0	270.0	45.45	850.0	630.0	45.15
840.0	760.0	44.12	850.0	280.0	45.68	850.0	640.0	45.06
840.0	770.0	44.13	850.0	290.0	45.56	850.0	650.0	45.14
840.0	780.0	44.13	850.0	300.0	45.63	850.0	660.0	46.79
840.0	790.0	44.21	850.0	310.0	45.62	850.0	670.0	46.57
840.0	800.0	44.27	850.0	320.0	45.72	850.0	680.0	46.46
840.0	810.0	44.19	850.0	330.0	45.83	850.0	690.0	46.33
840.0	820.0	44.09	850.0	340.0	45.76	850.0	700.0	46.30
840.0	830.0	43.99	850.0	350.0	45.65	850.0	710.0	44.36
850.0	0.0	42.76	850.0	360.0	45.93	850.0	720.0	44.14
850.0	10.0	42.86	850.0	370.0	45.97	850.0	730.0	44.10
850.0	20.0	43.02	850.0	380.0	46.01	850.0	740.0	44.08
850.0	30.0	43.08	850.0	390.0	46.00	850.0	750.0	44.12
850.0	40.0	43.21	850.0	400.0	46.10	850.0	760.0	44.04
850.0	50.0	43.39	850.0	410.0	46.30	850.0	770.0	44.00
850.0	60.0	43.43	850.0	420.0	46.39	850.0	780.0	43.95
850.0	70.0	43.57	850.0	430.0	46.34	850.0	790.0	43.95
850.0	80.0	43.72	850.0	440.0	46.33	850.0	800.0	44.03
850.0	90.0	43.82	850.0	450.0	46.42	850.0	810.0	44.04
850.0	100.0	43.97	850.0	460.0	46.42	850.0	820.0	44.00
850.0	110.0	44.05	850.0	470.0	46.45	850.0	830.0	43.89
850.0	120.0	44.06	850.0	480.0	46.32	860.0	0.0	42.62
850.0	130.0	44.03	850.0	490.0	46.08	860.0	10.0	42.81
850.0	140.0	44.08	850.0	500.0	45.86	860.0	20.0	42.85
850.0	150.0	44.20	850.0	510.0	45.63	860.0	30.0	43.07
850.0	160.0	44.39	850.0	520.0	45.50	860.0	40.0	43.15

860.0	50.0	43.22	860.0	410.0	46.10	860.0	770.0	43.73
860.0	60.0	43.33	860.0	420.0	46.21	860.0	780.0	43.87
860.0	70.0	43.51	860.0	430.0	46.16	860.0	790.0	43.80
860.0	80.0	43.60	860.0	440.0	46.13	860.0	800.0	43.77
860.0	90.0	43.74	860.0	450.0	46.19	860.0	810.0	43.85
860.0	100.0	43.83	860.0	460.0	46.21	860.0	820.0	43.83
860.0	110.0	43.83	860.0	470.0	46.24	860.0	830.0	43.81
860.0	120.0	43.79	860.0	480.0	46.13	870.0	0.0	42.61
860.0	130.0	43.90	860.0	490.0	45.92	870.0	10.0	42.64
860.0	140.0	43.95	860.0	500.0	45.67	870.0	20.0	42.86
860.0	150.0	44.11	860.0	510.0	45.38	870.0	30.0	42.94
860.0	160.0	44.19	860.0	520.0	45.32	870.0	40.0	43.02
860.0	170.0	44.31	860.0	530.0	45.26	870.0	50.0	43.11
860.0	180.0	44.30	860.0	540.0	45.17	870.0	60.0	43.31
860.0	190.0	44.24	860.0	550.0	45.16	870.0	70.0	43.40
860.0	200.0	44.29	860.0	560.0	45.13	870.0	80.0	43.51
860.0	210.0	44.48	860.0	570.0	45.08	870.0	90.0	43.61
860.0	220.0	44.51	860.0	580.0	45.20	870.0	100.0	43.62
860.0	230.0	44.47	860.0	590.0	45.12	870.0	110.0	43.63
860.0	240.0	44.63	860.0	600.0	45.16	870.0	120.0	43.68
860.0	250.0	44.87	860.0	610.0	45.00	870.0	130.0	43.74
860.0	260.0	45.23	860.0	620.0	44.97	870.0	140.0	43.89
860.0	270.0	45.36	860.0	630.0	44.91	870.0	150.0	44.03
860.0	280.0	45.46	860.0	640.0	44.84	870.0	160.0	44.08
860.0	290.0	45.33	860.0	650.0	44.95	870.0	170.0	44.15
860.0	300.0	45.34	860.0	660.0	44.79	870.0	180.0	44.09
860.0	310.0	45.46	860.0	670.0	46.43	870.0	190.0	44.10
860.0	320.0	45.55	860.0	680.0	46.35	870.0	200.0	44.20
860.0	330.0	45.61	860.0	690.0	46.20	870.0	210.0	44.27
860.0	340.0	45.52	860.0	700.0	46.16	870.0	220.0	44.30
860.0	350.0	45.48	860.0	710.0	44.16	870.0	230.0	44.33
860.0	360.0	45.74	860.0	720.0	44.10	870.0	240.0	44.50
860.0	370.0	45.75	860.0	730.0	43.94	870.0	250.0	44.67
860.0	380.0	45.83	860.0	740.0	43.92	870.0	260.0	45.04
860.0	390.0	45.80	860.0	750.0	43.89	870.0	270.0	45.23
860.0	400.0	45.87	860.0	760.0	43.86	870.0	280.0	45.27

870.0	290.0	45.27
870.0	300.0	45.24
870.0	310.0	45.28
870.0	320.0	45.36
870.0	330.0	45.41
870.0	340.0	45.34
870.0	350.0	45.31
870.0	360.0	45.67
870.0	370.0	45.52
870.0	380.0	45.67
870.0	390.0	45.66
870.0	400.0	45.75
870.0	410.0	45.91
870.0	420.0	45.99
870.0	430.0	46.01
870.0	440.0	45.97
870.0	450.0	46.01
870.0	460.0	46.03
870.0	470.0	46.04

870.0	480.0	45.94
870.0	490.0	45.75
870.0	500.0	45.61
870.0	510.0	45.19
870.0	520.0	45.10
870.0	530.0	45.06
870.0	540.0	45.00
870.0	550.0	44.92
870.0	560.0	45.04
870.0	570.0	44.90
870.0	580.0	45.06
870.0	590.0	44.99
870.0	600.0	44.89
870.0	610.0	44.82
870.0	620.0	44.79
870.0	630.0	44.75
870.0	640.0	44.81
870.0	650.0	44.62
870.0	660.0	44.77

870.0	670.0	46.48
870.0	680.0	46.21
870.0	690.0	46.06
870.0	700.0	46.00
870.0	710.0	45.95
870.0	720.0	43.96
870.0	730.0	43.85
870.0	740.0	43.75
870.0	750.0	43.73
870.0	760.0	43.70
870.0	770.0	43.72
870.0	780.0	43.58
870.0	790.0	43.69
870.0	800.0	43.62
870.0	810.0	43.66
870.0	820.0	43.69
870.0	830.0	43.65

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