

Program LEQ Professional w. 6.G

Poziom obliczeń Z = 4.0 [m]

Zbiór wyników: W:\hałas\Le Gall\wariant III\pliki bazowe III\LeGall_pora dnia.dat

Punkty obserwacji

Nr	Symbol	X [m]	Y [m]	Z [m]	L [dB(A)]
1		331.8	290.4	4.0	48.4
2		319.0	341.1	4.0	48.3

Pkt obserwacji :

DODAJ

USUŃ

Usuń wszystkie

Zamknij

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X[m]	Y[m]	Leq[dB]
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20.0	0.0	35.07
20.0	10.0	35.03
20.0	20.0	35.06
20.0	30.0	35.20
20.0	40.0	35.97
20.0	50.0	36.63
20.0	60.0	37.29
20.0	70.0	36.92
20.0	80.0	35.64

20.0	90.0	35.77
20.0	100.0	34.93
20.0	110.0	35.60
20.0	120.0	31.78
20.0	130.0	38.60
20.0	140.0	45.60
20.0	150.0	45.26
20.0	160.0	47.21
20.0	170.0	43.63
20.0	180.0	42.95
20.0	190.0	42.34
20.0	200.0	41.79
20.0	210.0	33.55
20.0	220.0	33.24
20.0	230.0	33.21
20.0	240.0	39.91
20.0	250.0	39.70
20.0	260.0	39.52
20.0	270.0	39.34
20.0	280.0	38.87
20.0	290.0	38.72
20.0	300.0	38.56
20.0	310.0	30.25
20.0	320.0	29.97
20.0	330.0	29.82
20.0	340.0	28.77
20.0	350.0	37.55
20.0	360.0	37.40
20.0	370.0	37.26
20.0	380.0	37.09
20.0	390.0	36.95

20.0	400.0	37.07
20.0	410.0	36.86
30.0	0.0	35.06
30.0	10.0	35.34
30.0	20.0	35.31
30.0	30.0	35.36
30.0	40.0	35.69
30.0	50.0	37.30
30.0	60.0	37.15
30.0	70.0	38.20
30.0	80.0	37.20
30.0	90.0	36.03
30.0	100.0	34.87
30.0	110.0	35.46
30.0	120.0	35.69
30.0	130.0	35.94
30.0	140.0	43.91
30.0	150.0	45.84
30.0	160.0	47.45
30.0	170.0	43.79
30.0	180.0	43.24
30.0	190.0	43.24
30.0	200.0	33.85
30.0	210.0	34.69
30.0	220.0	40.46
30.0	230.0	40.28
30.0	240.0	40.04
30.0	250.0	39.81
30.0	260.0	39.63
30.0	270.0	39.45
30.0	280.0	38.98

30.0	290.0	30.71
30.0	300.0	30.60
30.0	310.0	30.38
30.0	320.0	30.61
30.0	330.0	37.96
30.0	340.0	37.79
30.0	350.0	37.62
30.0	360.0	37.47
30.0	370.0	37.29
30.0	380.0	37.15
30.0	390.0	37.14
30.0	400.0	36.99
30.0	410.0	36.93
40.0	0.0	32.23
40.0	10.0	35.78
40.0	20.0	35.57
40.0	30.0	35.65
40.0	40.0	35.73
40.0	50.0	36.65
40.0	60.0	37.20
40.0	70.0	38.00
40.0	80.0	37.24
40.0	90.0	36.27
40.0	100.0	36.24
40.0	110.0	35.43
40.0	120.0	35.96
40.0	130.0	37.22
40.0	140.0	45.66
40.0	150.0	46.02
40.0	160.0	47.63
40.0	170.0	45.72

40.0	180.0	42.67
40.0	190.0	42.48
40.0	200.0	34.06
40.0	210.0	40.76
40.0	220.0	40.57
40.0	230.0	40.41
40.0	240.0	40.07
40.0	250.0	39.92
40.0	260.0	39.73
40.0	270.0	30.85
40.0	280.0	30.84
40.0	290.0	30.79
40.0	300.0	38.76
40.0	310.0	38.53
40.0	320.0	38.32
40.0	330.0	38.03
40.0	340.0	37.85
40.0	350.0	37.68
40.0	360.0	37.53
40.0	370.0	37.35
40.0	380.0	37.21
40.0	390.0	37.30
40.0	400.0	37.09
40.0	410.0	37.24
50.0	0.0	31.85
50.0	10.0	34.27
50.0	20.0	36.02
50.0	30.0	35.87
50.0	40.0	35.97
50.0	50.0	36.31
50.0	60.0	37.91

50.0	70.0	37.79
50.0	80.0	42.38
50.0	90.0	42.68
50.0	100.0	42.46
50.0	110.0	35.43
50.0	120.0	35.75
50.0	130.0	33.12
50.0	140.0	46.42
50.0	150.0	47.25
50.0	160.0	46.06
50.0	170.0	46.28
50.0	180.0	43.07
50.0	190.0	36.21
50.0	200.0	34.06
50.0	210.0	40.90
50.0	220.0	40.69
50.0	230.0	40.53
50.0	240.0	40.23
50.0	250.0	32.91
50.0	260.0	32.79
50.0	270.0	31.06
50.0	280.0	39.22
50.0	290.0	39.03
50.0	300.0	38.82
50.0	310.0	38.55
50.0	320.0	38.39
50.0	330.0	38.09
50.0	340.0	37.91
50.0	350.0	37.73
50.0	360.0	37.55
50.0	370.0	37.38

50.0	380.0	37.35
50.0	390.0	37.22
50.0	400.0	37.38
50.0	410.0	37.16
60.0	0.0	34.54
60.0	10.0	32.57
60.0	20.0	35.99
60.0	30.0	36.25
60.0	40.0	36.18
60.0	50.0	36.27
60.0	60.0	37.08
60.0	70.0	37.82
60.0	80.0	38.79
60.0	90.0	43.47
60.0	100.0	43.01
60.0	110.0	38.32
60.0	120.0	36.54
60.0	130.0	36.75
60.0	140.0	44.65
60.0	150.0	48.36
60.0	160.0	46.36
60.0	170.0	46.33
60.0	180.0	43.87
60.0	190.0	35.00
60.0	200.0	41.31
60.0	210.0	41.01
60.0	220.0	40.83
60.0	230.0	33.51
60.0	240.0	33.21
60.0	250.0	40.14
60.0	260.0	39.94

60.0	270.0	39.49
60.0	280.0	39.28
60.0	290.0	39.12
60.0	300.0	38.85
60.0	310.0	38.63
60.0	320.0	38.33
60.0	330.0	38.14
60.0	340.0	37.95
60.0	350.0	37.75
60.0	360.0	37.58
60.0	370.0	37.48
60.0	380.0	37.50
60.0	390.0	37.29
60.0	400.0	37.31
60.0	410.0	37.13
70.0	0.0	34.57
70.0	10.0	34.96
70.0	20.0	33.02
70.0	30.0	36.57
70.0	40.0	36.55
70.0	50.0	36.33
70.0	60.0	36.60
70.0	70.0	38.50
70.0	80.0	38.44
70.0	90.0	43.30
70.0	100.0	43.32
70.0	110.0	43.11
70.0	120.0	38.36
70.0	130.0	39.84
70.0	140.0	44.88
70.0	150.0	48.57

70.0	160.0	47.51
70.0	170.0	46.29
70.0	180.0	41.98
70.0	190.0	35.18
70.0	200.0	41.36
70.0	210.0	34.17
70.0	220.0	34.10
70.0	230.0	40.72
70.0	240.0	40.44
70.0	250.0	40.24
70.0	260.0	40.05
70.0	270.0	39.57
70.0	280.0	39.44
70.0	290.0	39.20
70.0	300.0	38.86
70.0	310.0	38.66
70.0	320.0	38.36
70.0	330.0	38.16
70.0	340.0	37.96
70.0	350.0	37.76
70.0	360.0	37.58
70.0	370.0	37.53
70.0	380.0	29.73
70.0	390.0	32.29
70.0	400.0	31.49
70.0	410.0	31.03
80.0	0.0	37.61
80.0	10.0	34.83
80.0	20.0	32.60
80.0	30.0	34.49
80.0	40.0	36.84

80.0	50.0	36.70
80.0	60.0	36.65
80.0	70.0	36.94
80.0	80.0	38.39
80.0	90.0	39.79
80.0	100.0	44.17
80.0	110.0	43.43
80.0	120.0	39.54
80.0	130.0	41.80
80.0	140.0	41.99
80.0	150.0	48.14
80.0	160.0	48.06
80.0	170.0	48.66
80.0	180.0	35.61
80.0	190.0	36.03
80.0	200.0	41.49
80.0	210.0	41.26
80.0	220.0	40.99
80.0	230.0	40.79
80.0	240.0	40.56
80.0	250.0	40.34
80.0	260.0	40.13
80.0	270.0	39.67
80.0	280.0	39.53
80.0	290.0	39.10
80.0	300.0	38.80
80.0	310.0	38.66
80.0	320.0	38.39
80.0	330.0	38.20
80.0	340.0	38.01
80.0	350.0	0

80.0	360.0	28.85
80.0	370.0	29.80
80.0	380.0	29.60
80.0	390.0	30.51
80.0	400.0	30.10
80.0	410.0	29.88
90.0	0.0	37.61
90.0	10.0	37.80
90.0	20.0	35.09
90.0	30.0	33.41
90.0	40.0	36.24
90.0	50.0	36.99
90.0	60.0	36.68
90.0	70.0	36.98
90.0	80.0	38.79
90.0	90.0	39.09
90.0	100.0	44.61
90.0	110.0	43.74
90.0	120.0	39.53
90.0	130.0	42.01
90.0	140.0	44.68
90.0	150.0	46.76
90.0	160.0	49.22
90.0	170.0	48.64
90.0	180.0	42.21
90.0	190.0	41.94
90.0	200.0	41.65
90.0	210.0	41.38
90.0	220.0	41.09
90.0	230.0	40.98
90.0	240.0	40.66

90.0	250.0	40.44
90.0	260.0	40.22
90.0	270.0	39.81
90.0	280.0	39.61
90.0	290.0	39.06
90.0	300.0	38.94
90.0	310.0	0
90.0	320.0	0
90.0	330.0	0
90.0	340.0	0
90.0	350.0	0
90.0	360.0	28.59
90.0	370.0	28.95
90.0	380.0	30.00
90.0	390.0	29.75
90.0	400.0	29.53
90.0	410.0	29.35
100.0	0.0	37.57
100.0	10.0	37.67
100.0	20.0	37.97
100.0	30.0	35.21
100.0	40.0	33.39
100.0	50.0	37.22
100.0	60.0	36.87
100.0	70.0	36.58
100.0	80.0	36.72
100.0	90.0	38.24
100.0	100.0	41.22
100.0	110.0	44.35
100.0	120.0	44.30
100.0	130.0	42.52

100.0	140.0	44.72
100.0	150.0	48.21
100.0	160.0	51.08
100.0	170.0	48.73
100.0	180.0	43.24
100.0	190.0	42.08
100.0	200.0	41.71
100.0	210.0	41.40
100.0	220.0	41.19
100.0	230.0	41.06
100.0	240.0	40.74
100.0	250.0	40.53
100.0	260.0	40.33
100.0	270.0	39.90
100.0	280.0	39.70
100.0	290.0	0
100.0	300.0	0
100.0	310.0	0
100.0	320.0	0
100.0	330.0	0
100.0	340.0	0
100.0	350.0	0
100.0	360.0	29.37
100.0	370.0	29.75
100.0	380.0	29.73
100.0	390.0	29.57
100.0	400.0	29.65
100.0	410.0	29.84
110.0	0.0	37.58
110.0	10.0	37.57
110.0	20.0	37.62

110.0	30.0	36.41
110.0	40.0	32.62
110.0	50.0	33.54
110.0	60.0	37.00
110.0	70.0	36.39
110.0	80.0	35.00
110.0	90.0	36.90
110.0	100.0	37.93
110.0	110.0	47.61
110.0	120.0	45.40
110.0	130.0	45.99
110.0	140.0	46.74
110.0	150.0	47.29
110.0	160.0	51.37
110.0	170.0	48.24
110.0	180.0	43.51
110.0	190.0	42.07
110.0	200.0	41.81
110.0	210.0	41.50
110.0	220.0	41.28
110.0	230.0	41.14
110.0	240.0	40.86
110.0	250.0	40.65
110.0	260.0	40.26
110.0	270.0	40.04
110.0	280.0	39.68
110.0	290.0	0
110.0	300.0	0
110.0	310.0	0
110.0	320.0	0
110.0	330.0	0

110.0	340.0	0
110.0	350.0	29.77
110.0	360.0	29.30
110.0	370.0	30.60
110.0	380.0	0
110.0	390.0	0
110.0	400.0	0
110.0	410.0	29.44
120.0	0.0	38.19
120.0	10.0	37.53
120.0	20.0	37.43
120.0	30.0	37.44
120.0	40.0	36.57
120.0	50.0	32.92
120.0	60.0	36.01
120.0	70.0	35.83
120.0	80.0	0
120.0	90.0	0
120.0	100.0	0
120.0	110.0	49.31
120.0	120.0	48.10
120.0	130.0	47.90
120.0	140.0	46.89
120.0	150.0	46.94
120.0	160.0	48.05
120.0	170.0	48.24
120.0	180.0	43.97
120.0	190.0	42.23
120.0	200.0	41.94
120.0	210.0	41.64
120.0	220.0	41.42

120.0	230.0	41.27
120.0	240.0	40.92
120.0	250.0	40.72
120.0	260.0	40.32
120.0	270.0	40.12
120.0	280.0	39.76
120.0	290.0	0
120.0	300.0	0
120.0	310.0	0
120.0	320.0	34.76
120.0	330.0	33.70
120.0	340.0	36.26
120.0	350.0	0
120.0	360.0	0
120.0	370.0	0
120.0	380.0	0
120.0	390.0	0
120.0	400.0	0
120.0	410.0	29.99
130.0	0.0	38.19
130.0	10.0	37.67
130.0	20.0	37.33
130.0	30.0	37.07
130.0	40.0	37.21
130.0	50.0	36.63
130.0	60.0	33.46
130.0	70.0	34.45
130.0	80.0	0
130.0	90.0	0
130.0	100.0	0
130.0	110.0	49.52

130.0	120.0	48.33
130.0	130.0	48.06
130.0	140.0	47.07
130.0	150.0	47.03
130.0	160.0	43.79
130.0	170.0	49.87
130.0	180.0	47.25
130.0	190.0	42.24
130.0	200.0	41.97
130.0	210.0	41.72
130.0	220.0	41.57
130.0	230.0	41.32
130.0	240.0	41.00
130.0	250.0	40.83
130.0	260.0	40.36
130.0	270.0	40.05
130.0	280.0	32.33
130.0	290.0	32.93
130.0	300.0	33.37
130.0	310.0	33.97
130.0	320.0	34.54
130.0	330.0	37.47
130.0	340.0	0
130.0	350.0	0
130.0	360.0	0
130.0	370.0	0
130.0	380.0	0
130.0	390.0	0
130.0	400.0	0
130.0	410.0	28.49
140.0	0.0	38.19

140.0	10.0	38.05
140.0	20.0	37.41
140.0	30.0	36.89
140.0	40.0	36.34
140.0	50.0	35.25
140.0	60.0	34.75
140.0	70.0	0
140.0	80.0	0
140.0	90.0	0
140.0	100.0	49.07
140.0	110.0	49.83
140.0	120.0	50.36
140.0	130.0	49.54
140.0	140.0	47.83
140.0	150.0	45.95
140.0	160.0	43.41
140.0	170.0	51.54
140.0	180.0	47.60
140.0	190.0	42.29
140.0	200.0	42.05
140.0	210.0	41.80
140.0	220.0	35.38
140.0	230.0	35.15
140.0	240.0	34.59
140.0	250.0	34.55
140.0	260.0	33.42
140.0	270.0	37.14
140.0	280.0	32.92
140.0	290.0	32.93
140.0	300.0	33.72
140.0	310.0	34.30

140.0	320.0	34.99
140.0	330.0	43.40
140.0	340.0	0
140.0	350.0	0
140.0	360.0	0
140.0	370.0	0
140.0	380.0	0
140.0	390.0	0
140.0	400.0	0
140.0	410.0	28.63
150.0	0.0	38.20
150.0	10.0	38.00
150.0	20.0	37.71
150.0	30.0	36.88
150.0	40.0	36.02
150.0	50.0	34.90
150.0	60.0	34.48
150.0	70.0	0
150.0	80.0	0
150.0	90.0	0
150.0	100.0	49.32
150.0	110.0	51.01
150.0	120.0	51.32
150.0	130.0	49.68
150.0	140.0	48.39
150.0	150.0	44.04
150.0	160.0	35.27
150.0	170.0	50.18
150.0	180.0	49.61
150.0	190.0	36.31
150.0	200.0	35.66

150.0	210.0	35.41
150.0	220.0	35.81
150.0	230.0	37.88
150.0	240.0	36.46
150.0	250.0	35.72
150.0	260.0	33.43
150.0	270.0	33.38
150.0	280.0	33.09
150.0	290.0	33.13
150.0	300.0	34.40
150.0	310.0	35.39
150.0	320.0	38.42
150.0	330.0	38.82
150.0	340.0	41.14
150.0	350.0	0
150.0	360.0	0
150.0	370.0	0
150.0	380.0	0
150.0	390.0	0
150.0	400.0	0
150.0	410.0	28.76
160.0	0.0	38.23
160.0	10.0	38.03
160.0	20.0	38.10
160.0	30.0	37.10
160.0	40.0	35.95
160.0	50.0	34.41
160.0	60.0	32.49
160.0	70.0	0
160.0	80.0	0
160.0	90.0	49.69

160.0	100.0	48.13
160.0	110.0	49.46
160.0	120.0	51.45
160.0	130.0	50.75
160.0	140.0	46.76
160.0	150.0	34.93
160.0	160.0	35.01
160.0	170.0	40.27
160.0	180.0	51.02
160.0	190.0	36.60
160.0	200.0	36.44
160.0	210.0	35.60
160.0	220.0	35.49
160.0	230.0	35.38
160.0	240.0	34.78
160.0	250.0	33.89
160.0	260.0	32.89
160.0	270.0	0
160.0	280.0	0
160.0	290.0	32.73
160.0	300.0	33.67
160.0	310.0	34.55
160.0	320.0	44.10
160.0	330.0	46.39
160.0	340.0	42.64
160.0	350.0	0
160.0	360.0	0
160.0	370.0	0
160.0	380.0	0
160.0	390.0	0
160.0	400.0	0

160.0	410.0	28.88
170.0	0.0	38.22
170.0	10.0	38.00
170.0	20.0	37.62
170.0	30.0	37.33
170.0	40.0	36.21
170.0	50.0	33.94
170.0	60.0	0
170.0	70.0	0
170.0	80.0	0
170.0	90.0	44.55
170.0	100.0	48.56
170.0	110.0	49.52
170.0	120.0	51.79
170.0	130.0	51.39
170.0	140.0	51.13
170.0	150.0	0
170.0	160.0	0
170.0	170.0	0
170.0	180.0	53.23
170.0	190.0	36.81
170.0	200.0	35.75
170.0	210.0	35.80
170.0	220.0	35.66
170.0	230.0	35.51
170.0	240.0	0
170.0	250.0	0
170.0	260.0	0
170.0	270.0	0
170.0	280.0	0
170.0	290.0	37.27

170.0	300.0	38.34
170.0	310.0	40.21
170.0	320.0	48.37
170.0	330.0	49.38
170.0	340.0	49.58
170.0	350.0	0
170.0	360.0	0
170.0	370.0	0
170.0	380.0	0
170.0	390.0	0
170.0	400.0	0
170.0	410.0	0
180.0	0.0	38.17
180.0	10.0	37.90
180.0	20.0	37.46
180.0	30.0	36.73
180.0	40.0	35.48
180.0	50.0	33.18
180.0	60.0	0
180.0	70.0	0
180.0	80.0	0
180.0	90.0	47.12
180.0	100.0	50.10
180.0	110.0	52.15
180.0	120.0	53.52
180.0	130.0	53.67
180.0	140.0	51.46
180.0	150.0	0
180.0	160.0	0
180.0	170.0	0
180.0	180.0	52.32

180.0	190.0	36.98
180.0	200.0	36.14
180.0	210.0	0
180.0	220.0	0
180.0	230.0	0
180.0	240.0	0
180.0	250.0	0
180.0	260.0	0
180.0	270.0	0
180.0	280.0	0
180.0	290.0	47.79
180.0	300.0	48.11
180.0	310.0	49.91
180.0	320.0	52.25
180.0	330.0	51.81
180.0	340.0	53.12
180.0	350.0	53.84
180.0	360.0	0
180.0	370.0	0
180.0	380.0	0
180.0	390.0	0
180.0	400.0	0
180.0	410.0	0
190.0	0.0	38.10
190.0	10.0	37.78
190.0	20.0	37.39
190.0	30.0	36.55
190.0	40.0	35.05
190.0	50.0	0
190.0	60.0	0
190.0	70.0	0

190.0	80.0	54.09
190.0	90.0	52.42
190.0	100.0	51.52
190.0	110.0	53.05
190.0	120.0	53.15
190.0	130.0	53.59
190.0	140.0	52.55
190.0	150.0	0
190.0	160.0	0
190.0	170.0	0
190.0	180.0	53.08
190.0	190.0	0
190.0	200.0	0
190.0	210.0	0
190.0	220.0	0
190.0	230.0	0
190.0	240.0	0
190.0	250.0	0
190.0	260.0	0
190.0	270.0	0
190.0	280.0	0
190.0	290.0	0
190.0	300.0	48.14
190.0	310.0	50.98
190.0	320.0	52.00
190.0	330.0	54.06
190.0	340.0	54.28
190.0	350.0	54.22
190.0	360.0	0
190.0	370.0	0
190.0	380.0	0

190.0	390.0	0
190.0	400.0	0
190.0	410.0	0
200.0	0.0	38.13
200.0	10.0	37.76
200.0	20.0	37.17
200.0	30.0	36.17
200.0	40.0	34.27
200.0	50.0	0
200.0	60.0	0
200.0	70.0	0
200.0	80.0	55.23
200.0	90.0	54.86
200.0	100.0	52.66
200.0	110.0	53.04
200.0	120.0	54.08
200.0	130.0	54.01
200.0	140.0	53.52
200.0	150.0	51.82
200.0	160.0	0
200.0	170.0	0
200.0	180.0	0
200.0	190.0	55.15
200.0	200.0	0
200.0	210.0	0
200.0	220.0	0
200.0	230.0	0
200.0	240.0	0
200.0	250.0	0
200.0	260.0	0
200.0	270.0	0

200.0	280.0	0
200.0	290.0	0
200.0	300.0	48.34
200.0	310.0	53.79
200.0	320.0	54.70
200.0	330.0	54.54
200.0	340.0	54.40
200.0	350.0	53.17
200.0	360.0	0
200.0	370.0	0
200.0	380.0	31.70
200.0	390.0	0
200.0	400.0	0
200.0	410.0	0
210.0	0.0	38.12
210.0	10.0	37.70
210.0	20.0	37.02
210.0	30.0	35.82
210.0	40.0	33.47
210.0	50.0	0
210.0	60.0	0
210.0	70.0	0
210.0	80.0	55.69
210.0	90.0	55.61
210.0	100.0	56.03
210.0	110.0	53.33
210.0	120.0	53.05
210.0	130.0	53.48
210.0	140.0	54.28
210.0	150.0	53.88
210.0	160.0	0

210.0	170.0	0
210.0	180.0	0
210.0	190.0	56.04
210.0	200.0	0
210.0	210.0	0
210.0	220.0	0
210.0	230.0	0
210.0	240.0	0
210.0	250.0	0
210.0	260.0	0
210.0	270.0	0
210.0	280.0	0
210.0	290.0	0
210.0	300.0	56.49
210.0	310.0	55.98
210.0	320.0	55.70
210.0	330.0	54.12
210.0	340.0	53.57
210.0	350.0	53.52
210.0	360.0	0
210.0	370.0	0
210.0	380.0	0
210.0	390.0	0
210.0	400.0	0
210.0	410.0	0
220.0	0.0	38.37
220.0	10.0	37.85
220.0	20.0	36.84
220.0	30.0	35.37
220.0	40.0	0
220.0	50.0	0

220.0	60.0	0
220.0	70.0	55.62
220.0	80.0	55.72
220.0	90.0	55.91
220.0	100.0	56.65
220.0	110.0	55.33
220.0	120.0	53.32
220.0	130.0	54.54
220.0	140.0	54.99
220.0	150.0	54.81
220.0	160.0	0
220.0	170.0	0
220.0	180.0	0
220.0	190.0	57.98
220.0	200.0	0
220.0	210.0	0
220.0	220.0	0
220.0	230.0	0
220.0	240.0	0
220.0	250.0	0
220.0	260.0	0
220.0	270.0	58.46
220.0	280.0	57.74
220.0	290.0	57.52
220.0	300.0	57.59
220.0	310.0	56.91
220.0	320.0	56.08
220.0	330.0	55.52
220.0	340.0	55.31
220.0	350.0	55.13
220.0	360.0	0

220.0	370.0	0
220.0	380.0	0
220.0	390.0	0
220.0	400.0	0
220.0	410.0	0
230.0	0.0	38.24
230.0	10.0	37.62
230.0	20.0	36.58
230.0	30.0	34.60
230.0	40.0	0
230.0	50.0	0
230.0	60.0	0
230.0	70.0	55.84
230.0	80.0	55.98
230.0	90.0	56.45
230.0	100.0	57.04
230.0	110.0	57.52
230.0	120.0	54.29
230.0	130.0	54.50
230.0	140.0	55.26
230.0	150.0	55.52
230.0	160.0	54.53
230.0	170.0	0
230.0	180.0	0
230.0	190.0	58.75
230.0	200.0	0
230.0	210.0	0
230.0	220.0	0
230.0	230.0	0
230.0	240.0	60.60
230.0	250.0	59.88

230.0	260.0	59.19
230.0	270.0	58.57
230.0	280.0	58.43
230.0	290.0	58.18
230.0	300.0	56.86
230.0	310.0	56.18
230.0	320.0	55.86
230.0	330.0	55.58
230.0	340.0	55.37
230.0	350.0	55.16
230.0	360.0	0
230.0	370.0	0
230.0	380.0	0
230.0	390.0	0
230.0	400.0	0
230.0	410.0	0
240.0	0.0	38.08
240.0	10.0	37.33
240.0	20.0	36.05
240.0	30.0	33.71
240.0	40.0	0
240.0	50.0	0
240.0	60.0	55.91
240.0	70.0	56.01
240.0	80.0	56.24
240.0	90.0	56.77
240.0	100.0	57.51
240.0	110.0	57.70
240.0	120.0	58.01
240.0	130.0	55.01
240.0	140.0	55.34

240.0	150.0	56.89
240.0	160.0	56.72
240.0	170.0	0
240.0	180.0	0
240.0	190.0	0
240.0	200.0	60.50
240.0	210.0	61.90
240.0	220.0	62.20
240.0	230.0	61.50
240.0	240.0	60.98
240.0	250.0	60.55
240.0	260.0	59.46
240.0	270.0	59.24
240.0	280.0	58.44
240.0	290.0	57.13
240.0	300.0	56.64
240.0	310.0	56.25
240.0	320.0	55.88
240.0	330.0	55.59
240.0	340.0	55.36
240.0	350.0	55.17
240.0	360.0	0
240.0	370.0	0
240.0	380.0	0
240.0	390.0	0
240.0	400.0	0
240.0	410.0	0
250.0	0.0	37.42
250.0	10.0	36.66
250.0	20.0	35.31
250.0	30.0	0

250.0	40.0	0
250.0	50.0	0
250.0	60.0	56.21
250.0	70.0	56.40
250.0	80.0	56.48
250.0	90.0	57.38
250.0	100.0	57.98
250.0	110.0	58.02
250.0	120.0	58.67
250.0	130.0	56.09
250.0	140.0	56.06
250.0	150.0	58.24
250.0	160.0	59.52
250.0	170.0	0
250.0	180.0	63.12
250.0	190.0	63.37
250.0	200.0	61.74
250.0	210.0	63.44
250.0	220.0	63.10
250.0	230.0	62.29
250.0	240.0	61.00
250.0	250.0	60.07
250.0	260.0	59.53
250.0	270.0	57.92
250.0	280.0	57.83
250.0	290.0	57.22
250.0	300.0	56.72
250.0	310.0	56.27
250.0	320.0	55.71
250.0	330.0	54.86
250.0	340.0	0

250.0	350.0	0
250.0	360.0	0
250.0	370.0	0
250.0	380.0	0
250.0	390.0	0
250.0	400.0	0
250.0	410.0	0
260.0	0.0	37.16
260.0	10.0	36.16
260.0	20.0	34.25
260.0	30.0	0
260.0	40.0	0
260.0	50.0	0
260.0	60.0	56.30
260.0	70.0	56.55
260.0	80.0	56.91
260.0	90.0	57.89
260.0	100.0	58.34
260.0	110.0	58.67
260.0	120.0	59.46
260.0	130.0	60.36
260.0	140.0	57.03
260.0	150.0	57.89
260.0	160.0	60.82
260.0	170.0	63.85
260.0	180.0	64.09
260.0	190.0	63.98
260.0	200.0	65.35
260.0	210.0	65.75
260.0	220.0	64.69
260.0	230.0	63.40

260.0	240.0	61.71
260.0	250.0	60.07
260.0	260.0	58.95
260.0	270.0	58.04
260.0	280.0	57.01
260.0	290.0	56.28
260.0	300.0	56.48
260.0	310.0	57.04
260.0	320.0	0
260.0	330.0	0
260.0	340.0	0
260.0	350.0	0
260.0	360.0	0
260.0	370.0	0
260.0	380.0	0
260.0	390.0	0
260.0	400.0	0
260.0	410.0	0
270.0	0.0	36.88
270.0	10.0	35.32
270.0	20.0	33.42
270.0	30.0	0
270.0	40.0	0
270.0	50.0	55.84
270.0	60.0	56.32
270.0	70.0	56.86
270.0	80.0	57.51
270.0	90.0	58.37
270.0	100.0	58.72
270.0	110.0	59.32
270.0	120.0	60.12

270.0	130.0	61.31
270.0	140.0	62.56
270.0	150.0	59.53
270.0	160.0	61.24
270.0	170.0	65.42
270.0	180.0	66.00
270.0	190.0	66.84
270.0	200.0	68.01
270.0	210.0	70.22
270.0	220.0	67.64
270.0	230.0	64.29
270.0	240.0	61.78
270.0	250.0	60.45
270.0	260.0	59.27
270.0	270.0	58.58
270.0	280.0	57.86
270.0	290.0	57.30
270.0	300.0	56.86
270.0	310.0	56.58
270.0	320.0	0
270.0	330.0	0
270.0	340.0	0
270.0	350.0	0
270.0	360.0	0
270.0	370.0	0
270.0	380.0	0
270.0	390.0	36.23
270.0	400.0	35.95
270.0	410.0	35.89
280.0	0.0	35.82
280.0	10.0	34.81

280.0	20.0	0
280.0	30.0	0
280.0	40.0	0
280.0	50.0	56.01
280.0	60.0	55.89
280.0	70.0	57.09
280.0	80.0	57.71
280.0	90.0	58.30
280.0	100.0	58.51
280.0	110.0	59.43
280.0	120.0	60.55
280.0	130.0	62.03
280.0	140.0	63.83
280.0	150.0	66.23
280.0	160.0	0
280.0	170.0	69.20
280.0	180.0	67.57
280.0	190.0	68.63
280.0	200.0	69.98
280.0	210.0	79.07
280.0	220.0	69.66
280.0	230.0	65.12
280.0	240.0	62.17
280.0	250.0	61.01
280.0	260.0	59.62
280.0	270.0	59.57
280.0	280.0	58.32
280.0	290.0	57.71
280.0	300.0	57.20
280.0	310.0	56.97
280.0	320.0	0

280.0	330.0	0
280.0	340.0	0
280.0	350.0	0
280.0	360.0	0
280.0	370.0	33.21
280.0	380.0	33.84
280.0	390.0	34.41
280.0	400.0	35.10
280.0	410.0	35.43
290.0	0.0	35.16
290.0	10.0	32.77
290.0	20.0	0
290.0	30.0	0
290.0	40.0	0
290.0	50.0	55.66
290.0	60.0	55.95
290.0	70.0	56.31
290.0	80.0	58.25
290.0	90.0	58.69
290.0	100.0	59.13
290.0	110.0	60.15
290.0	120.0	61.46
290.0	130.0	63.20
290.0	140.0	65.08
290.0	150.0	68.60
290.0	160.0	0
290.0	170.0	0
290.0	180.0	73.65
290.0	190.0	70.42
290.0	200.0	68.76
290.0	210.0	69.32

290.0	220.0	67.28
290.0	230.0	64.23
290.0	240.0	62.17
290.0	250.0	60.67
290.0	260.0	59.41
290.0	270.0	58.51
290.0	280.0	56.50
290.0	290.0	55.36
290.0	300.0	54.88
290.0	310.0	55.65
290.0	320.0	52.62
290.0	330.0	52.05
290.0	340.0	0
290.0	350.0	0
290.0	360.0	0
290.0	370.0	33.64
290.0	380.0	33.31
290.0	390.0	33.72
290.0	400.0	35.48
290.0	410.0	35.26
300.0	0.0	34.46
300.0	10.0	0
300.0	20.0	0
300.0	30.0	0
300.0	40.0	54.91
300.0	50.0	55.05
300.0	60.0	55.65
300.0	70.0	56.12
300.0	80.0	57.57
300.0	90.0	57.90
300.0	100.0	59.17

300.0	110.0	60.22
300.0	120.0	61.61
300.0	130.0	63.42
300.0	140.0	65.97
300.0	150.0	69.90
300.0	160.0	77.65
300.0	170.0	78.04
300.0	180.0	76.94
300.0	190.0	71.61
300.0	200.0	67.79
300.0	210.0	66.69
300.0	220.0	65.31
300.0	230.0	63.04
300.0	240.0	61.66
300.0	250.0	60.31
300.0	260.0	59.53
300.0	270.0	57.18
300.0	280.0	56.44
300.0	290.0	55.67
300.0	300.0	53.61
300.0	310.0	51.40
300.0	320.0	52.38
300.0	330.0	50.28
300.0	340.0	0
300.0	350.0	35.15
300.0	360.0	37.12
300.0	370.0	39.78
300.0	380.0	36.98
300.0	390.0	38.56
300.0	400.0	39.69
300.0	410.0	40.07

310.0	0.0	33.27
310.0	10.0	0
310.0	20.0	0
310.0	30.0	0
310.0	40.0	54.90
310.0	50.0	54.84
310.0	60.0	55.20
310.0	70.0	55.71
310.0	80.0	56.34
310.0	90.0	57.27
310.0	100.0	58.28
310.0	110.0	59.83
310.0	120.0	63.01
310.0	130.0	63.77
310.0	140.0	65.91
310.0	150.0	68.72
310.0	160.0	72.37
310.0	170.0	72.57
310.0	180.0	71.09
310.0	190.0	69.31
310.0	200.0	67.60
310.0	210.0	66.40
310.0	220.0	65.65
310.0	230.0	62.14
310.0	240.0	61.10
310.0	250.0	57.93
310.0	260.0	57.53
310.0	270.0	56.09
310.0	280.0	55.62
310.0	290.0	53.59
310.0	300.0	0

310.0	310.0	46.71
310.0	320.0	49.58
310.0	330.0	49.53
310.0	340.0	49.48
310.0	350.0	46.51
310.0	360.0	45.48
310.0	370.0	44.42
310.0	380.0	42.88
310.0	390.0	42.40
310.0	400.0	41.85
310.0	410.0	41.80
320.0	0.0	33.09
320.0	10.0	0
320.0	20.0	0
320.0	30.0	0
320.0	40.0	54.73
320.0	50.0	54.99
320.0	60.0	55.09
320.0	70.0	52.90
320.0	80.0	51.48
320.0	90.0	49.60
320.0	100.0	49.21
320.0	110.0	40.67
320.0	120.0	63.27
320.0	130.0	64.27
320.0	140.0	65.37
320.0	150.0	66.70
320.0	160.0	68.73
320.0	170.0	68.95
320.0	180.0	68.38
320.0	190.0	67.59

320.0	200.0	66.76
320.0	210.0	66.08
320.0	220.0	0
320.0	230.0	59.35
320.0	240.0	57.33
320.0	250.0	56.32
320.0	260.0	55.65
320.0	270.0	54.47
320.0	280.0	53.06
320.0	290.0	52.56
320.0	300.0	49.04
320.0	310.0	48.97
320.0	320.0	48.06
320.0	330.0	49.07
320.0	340.0	47.92
320.0	350.0	46.73
320.0	360.0	46.12
320.0	370.0	44.35
320.0	380.0	44.02
320.0	390.0	43.45
320.0	400.0	43.10
320.0	410.0	42.97
330.0	0.0	36.48
330.0	10.0	0
330.0	20.0	0
330.0	30.0	45.19
330.0	40.0	51.26
330.0	50.0	51.14
330.0	60.0	51.12
330.0	70.0	52.93
330.0	80.0	45.26

330.0	90.0	52.38
330.0	100.0	54.04
330.0	110.0	59.26
330.0	120.0	61.41
330.0	130.0	62.42
330.0	140.0	63.67
330.0	150.0	64.38
330.0	160.0	66.31
330.0	170.0	66.61
330.0	180.0	66.51
330.0	190.0	66.32
330.0	200.0	0
330.0	210.0	0
330.0	220.0	0
330.0	230.0	48.50
330.0	240.0	55.62
330.0	250.0	51.67
330.0	260.0	50.37
330.0	270.0	50.53
330.0	280.0	49.74
330.0	290.0	49.30
330.0	300.0	48.13
330.0	310.0	49.75
330.0	320.0	45.91
330.0	330.0	49.74
330.0	340.0	0
330.0	350.0	39.98
330.0	360.0	41.93
330.0	370.0	42.78
330.0	380.0	42.27
330.0	390.0	42.33

330.0	400.0	42.50
330.0	410.0	42.31
340.0	0.0	39.30
340.0	10.0	36.99
340.0	20.0	35.00
340.0	30.0	49.06
340.0	40.0	51.93
340.0	50.0	50.88
340.0	60.0	50.77
340.0	70.0	50.84
340.0	80.0	51.04
340.0	90.0	50.35
340.0	100.0	59.92
340.0	110.0	59.94
340.0	120.0	60.06
340.0	130.0	60.82
340.0	140.0	62.34
340.0	150.0	62.80
340.0	160.0	64.65
340.0	170.0	65.14
340.0	180.0	65.48
340.0	190.0	0
340.0	200.0	0
340.0	210.0	45.64
340.0	220.0	47.87
340.0	230.0	48.87
340.0	240.0	54.26
340.0	250.0	49.59
340.0	260.0	48.52
340.0	270.0	46.90
340.0	280.0	46.36

340.0	290.0	46.63
340.0	300.0	46.81
340.0	310.0	45.98
340.0	320.0	45.58
340.0	330.0	45.46
340.0	340.0	0
340.0	350.0	36.47
340.0	360.0	38.52
340.0	370.0	0
340.0	380.0	0
340.0	390.0	34.91
340.0	400.0	37.96
340.0	410.0	38.01
350.0	0.0	37.00
350.0	10.0	35.49
350.0	20.0	0
350.0	30.0	0
350.0	40.0	50.05
350.0	50.0	53.00
350.0	60.0	54.37
350.0	70.0	54.40
350.0	80.0	57.07
350.0	90.0	57.27
350.0	100.0	58.45
350.0	110.0	59.56
350.0	120.0	60.41
350.0	130.0	61.25
350.0	140.0	61.61
350.0	150.0	0
350.0	160.0	64.21
350.0	170.0	0

350.0	180.0	0
350.0	190.0	0
350.0	200.0	47.38
350.0	210.0	48.70
350.0	220.0	48.63
350.0	230.0	49.15
350.0	240.0	50.65
350.0	250.0	47.46
350.0	260.0	46.35
350.0	270.0	46.31
350.0	280.0	45.83
350.0	290.0	45.63
350.0	300.0	45.49
350.0	310.0	0
350.0	320.0	46.26
350.0	330.0	46.35
350.0	340.0	44.84
350.0	350.0	41.40
350.0	360.0	37.48
350.0	370.0	38.55
350.0	380.0	38.40
350.0	390.0	36.94
350.0	400.0	36.99
350.0	410.0	37.33
360.0	0.0	36.38
360.0	10.0	34.54
360.0	20.0	0
360.0	30.0	0
360.0	40.0	0
360.0	50.0	52.06
360.0	60.0	54.89

360.0	70.0	56.47
360.0	80.0	57.34
360.0	90.0	57.90
360.0	100.0	58.52
360.0	110.0	59.15
360.0	120.0	60.01
360.0	130.0	60.51
360.0	140.0	0
360.0	150.0	0
360.0	160.0	0
360.0	170.0	57.26
360.0	180.0	46.08
360.0	190.0	47.91
360.0	200.0	48.90
360.0	210.0	48.21
360.0	220.0	45.26
360.0	230.0	45.41
360.0	240.0	48.54
360.0	250.0	50.21
360.0	260.0	50.31
360.0	270.0	45.75
360.0	280.0	44.15
360.0	290.0	44.52
360.0	300.0	45.88
360.0	310.0	0
360.0	320.0	36.11
360.0	330.0	40.55
360.0	340.0	42.90
360.0	350.0	44.61
360.0	360.0	44.36
360.0	370.0	42.69

360.0	380.0	41.80
360.0	390.0	38.74
360.0	400.0	38.41
360.0	410.0	38.32
370.0	0.0	35.52
370.0	10.0	33.25
370.0	20.0	0
370.0	30.0	0
370.0	40.0	0
370.0	50.0	0
370.0	60.0	54.87
370.0	70.0	56.81
370.0	80.0	57.28
370.0	90.0	57.76
370.0	100.0	58.32
370.0	110.0	58.93
370.0	120.0	0
370.0	130.0	0
370.0	140.0	0
370.0	150.0	0
370.0	160.0	45.57
370.0	170.0	47.68
370.0	180.0	47.69
370.0	190.0	54.37
370.0	200.0	47.49
370.0	210.0	0
370.0	220.0	46.27
370.0	230.0	45.14
370.0	240.0	45.01
370.0	250.0	46.70
370.0	260.0	49.08

370.0	270.0	47.69
370.0	280.0	46.98
370.0	290.0	45.83
370.0	300.0	45.68
370.0	310.0	37.00
370.0	320.0	36.49
370.0	330.0	38.37
370.0	340.0	40.37
370.0	350.0	41.50
370.0	360.0	41.07
370.0	370.0	43.11
370.0	380.0	43.19
370.0	390.0	41.68
370.0	400.0	41.10
370.0	410.0	41.20
380.0	0.0	40.66
380.0	10.0	41.91
380.0	20.0	42.80
380.0	30.0	43.84
380.0	40.0	49.41
380.0	50.0	53.45
380.0	60.0	48.75
380.0	70.0	55.19
380.0	80.0	55.30
380.0	90.0	55.27
380.0	100.0	55.64
380.0	110.0	54.36
380.0	120.0	47.40
380.0	130.0	0
380.0	140.0	38.58
380.0	150.0	39.94

380.0	160.0	47.84
380.0	170.0	48.21
380.0	180.0	47.44
380.0	190.0	46.41
380.0	200.0	45.89
380.0	210.0	0
380.0	220.0	0
380.0	230.0	43.81
380.0	240.0	43.36
380.0	250.0	0
380.0	260.0	0
380.0	270.0	46.76
380.0	280.0	46.40
380.0	290.0	46.10
380.0	300.0	45.33
380.0	310.0	45.01
380.0	320.0	42.93
380.0	330.0	40.11
380.0	340.0	40.55
380.0	350.0	40.12
380.0	360.0	40.55
380.0	370.0	40.97
380.0	380.0	40.52
380.0	390.0	40.76
380.0	400.0	42.40
380.0	410.0	42.26
390.0	0.0	41.37
390.0	10.0	42.17
390.0	20.0	42.92
390.0	30.0	44.88
390.0	40.0	48.25

390.0	50.0	53.15
390.0	60.0	53.14
390.0	70.0	53.02
390.0	80.0	53.65
390.0	90.0	54.80
390.0	100.0	53.91
390.0	110.0	47.54
390.0	120.0	47.19
390.0	130.0	48.93
390.0	140.0	40.20
390.0	150.0	43.96
390.0	160.0	47.36
390.0	170.0	47.15
390.0	180.0	46.07
390.0	190.0	45.60
390.0	200.0	44.99
390.0	210.0	41.91
390.0	220.0	36.78
390.0	230.0	44.43
390.0	240.0	0
390.0	250.0	0
390.0	260.0	0
390.0	270.0	40.25
390.0	280.0	43.85
390.0	290.0	45.46
390.0	300.0	45.07
390.0	310.0	44.54
390.0	320.0	43.91
390.0	330.0	42.52
390.0	340.0	42.23
390.0	350.0	40.69

390.0	360.0	40.73
390.0	370.0	40.30
390.0	380.0	40.53
390.0	390.0	40.38
390.0	400.0	40.14
390.0	410.0	40.63
400.0	0.0	41.61
400.0	10.0	42.47
400.0	20.0	43.04
400.0	30.0	46.33
400.0	40.0	48.00
400.0	50.0	54.69
400.0	60.0	52.28
400.0	70.0	52.63
400.0	80.0	53.00
400.0	90.0	53.89
400.0	100.0	49.02
400.0	110.0	48.79
400.0	120.0	47.19
400.0	130.0	47.73
400.0	140.0	47.67
400.0	150.0	44.76
400.0	160.0	43.71
400.0	170.0	46.96
400.0	180.0	45.48
400.0	190.0	45.01
400.0	200.0	44.49
400.0	210.0	43.47
400.0	220.0	37.14
400.0	230.0	0
400.0	240.0	0

400.0	250.0	0
400.0	260.0	35.85
400.0	270.0	37.39
400.0	280.0	42.29
400.0	290.0	47.35
400.0	300.0	44.17
400.0	310.0	43.95
400.0	320.0	43.92
400.0	330.0	43.34
400.0	340.0	42.23
400.0	350.0	42.05
400.0	360.0	41.33
400.0	370.0	40.17
400.0	380.0	39.76
400.0	390.0	39.70
400.0	400.0	39.93
400.0	410.0	39.83
410.0	0.0	44.68
410.0	10.0	42.09
410.0	20.0	43.09
410.0	30.0	45.25
410.0	40.0	52.20
410.0	50.0	53.34
410.0	60.0	51.96
410.0	70.0	52.25
410.0	80.0	51.96
410.0	90.0	40.90
410.0	100.0	47.45
410.0	110.0	47.68
410.0	120.0	47.60
410.0	130.0	47.72

410.0	140.0	47.03
410.0	150.0	50.08
410.0	160.0	43.93
410.0	170.0	46.45
410.0	180.0	45.07
410.0	190.0	44.53
410.0	200.0	44.01
410.0	210.0	43.25
410.0	220.0	40.79
410.0	230.0	0
410.0	240.0	34.74
410.0	250.0	34.81
410.0	260.0	35.99
410.0	270.0	36.71
410.0	280.0	40.82
410.0	290.0	44.58
410.0	300.0	46.67
410.0	310.0	43.58
410.0	320.0	43.25
410.0	330.0	43.13
410.0	340.0	42.82
410.0	350.0	41.88
410.0	360.0	41.65
410.0	370.0	41.44
410.0	380.0	40.44
410.0	390.0	39.70
410.0	400.0	39.52
410.0	410.0	39.59
420.0	0.0	41.86
420.0	10.0	43.55
420.0	20.0	47.14

420.0	30.0	52.15
420.0	40.0	52.03
420.0	50.0	52.50
420.0	60.0	51.68
420.0	70.0	51.31
420.0	80.0	51.14
420.0	90.0	43.78
420.0	100.0	40.48
420.0	110.0	47.50
420.0	120.0	46.83
420.0	130.0	46.67
420.0	140.0	46.92
420.0	150.0	47.14
420.0	160.0	47.34
420.0	170.0	51.07
420.0	180.0	44.38
420.0	190.0	44.05
420.0	200.0	43.47
420.0	210.0	42.81
420.0	220.0	42.07
420.0	230.0	36.99
420.0	240.0	34.87
420.0	250.0	35.39
420.0	260.0	36.51
420.0	270.0	36.58
420.0	280.0	38.11
420.0	290.0	46.22
420.0	300.0	41.36
420.0	310.0	46.15
420.0	320.0	42.61
420.0	330.0	42.73

420.0	340.0	42.41
420.0	350.0	42.07
420.0	360.0	41.52
420.0	370.0	41.28
420.0	380.0	41.08
420.0	390.0	40.80
420.0	400.0	40.15
420.0	410.0	39.43
430.0	0.0	42.81
430.0	10.0	46.66
430.0	20.0	50.43
430.0	30.0	52.04
430.0	40.0	51.88
430.0	50.0	51.79
430.0	60.0	51.26
430.0	70.0	49.99
430.0	80.0	41.40
430.0	90.0	44.13
430.0	100.0	40.36
430.0	110.0	45.43
430.0	120.0	46.53
430.0	130.0	46.64
430.0	140.0	46.97
430.0	150.0	46.87
430.0	160.0	47.16
430.0	170.0	51.54
430.0	180.0	44.02
430.0	190.0	43.67
430.0	200.0	42.97
430.0	210.0	42.39
430.0	220.0	41.93

430.0	230.0	39.93
430.0	240.0	36.58
430.0	250.0	35.69
430.0	260.0	36.69
430.0	270.0	37.07
430.0	280.0	37.53
430.0	290.0	40.44
430.0	300.0	40.97
430.0	310.0	40.94
430.0	320.0	45.54
430.0	330.0	41.80
430.0	340.0	42.24
430.0	350.0	41.77
430.0	360.0	41.60
430.0	370.0	41.20
430.0	380.0	41.25
430.0	390.0	40.77
430.0	400.0	40.59
430.0	410.0	40.23
440.0	0.0	46.20
440.0	10.0	49.97
440.0	20.0	50.21
440.0	30.0	51.96
440.0	40.0	51.76
440.0	50.0	50.28
440.0	60.0	49.74
440.0	70.0	41.69
440.0	80.0	40.71
440.0	90.0	37.29
440.0	100.0	36.03
440.0	110.0	37.56

440.0	120.0	40.19
440.0	130.0	46.61
440.0	140.0	46.90
440.0	150.0	46.61
440.0	160.0	46.90
440.0	170.0	51.08
440.0	180.0	47.22
440.0	190.0	44.04
440.0	200.0	42.59
440.0	210.0	42.04
440.0	220.0	42.36
440.0	230.0	41.18
440.0	240.0	37.25
440.0	250.0	36.83
440.0	260.0	37.43
440.0	270.0	36.97
440.0	280.0	37.21
440.0	290.0	38.37
440.0	300.0	40.21
440.0	310.0	43.40
440.0	320.0	45.21
440.0	330.0	40.27
440.0	340.0	41.28
440.0	350.0	41.58
440.0	360.0	41.59
440.0	370.0	41.27
440.0	380.0	40.95
440.0	390.0	40.77
440.0	400.0	40.34
440.0	410.0	40.22
450.0	0.0	49.51

450.0	10.0	49.76
450.0	20.0	50.00
450.0	30.0	52.19
450.0	40.0	51.62
450.0	50.0	49.26
450.0	60.0	49.44
450.0	70.0	40.62
450.0	80.0	42.16
450.0	90.0	35.58
450.0	100.0	36.62
450.0	110.0	35.32
450.0	120.0	37.38
450.0	130.0	46.43
450.0	140.0	48.48
450.0	150.0	47.59
450.0	160.0	46.67
450.0	170.0	50.74
450.0	180.0	46.94
450.0	190.0	46.68
450.0	200.0	42.43
450.0	210.0	41.72
450.0	220.0	41.39
450.0	230.0	40.99
450.0	240.0	39.15
450.0	250.0	36.69
450.0	260.0	36.99
450.0	270.0	37.56
450.0	280.0	36.77
450.0	290.0	37.64
450.0	300.0	39.86
450.0	310.0	45.11

450.0	320.0	40.12
450.0	330.0	44.78
450.0	340.0	39.88
450.0	350.0	39.99
450.0	360.0	40.49
450.0	370.0	41.01
450.0	380.0	40.80
450.0	390.0	40.64
450.0	400.0	40.50
450.0	410.0	40.00
460.0	0.0	49.31
460.0	10.0	50.00
460.0	20.0	49.77
460.0	30.0	51.06
460.0	40.0	48.82
460.0	50.0	48.97
460.0	60.0	37.56
460.0	70.0	36.69
460.0	80.0	35.96
460.0	90.0	36.00
460.0	100.0	37.10
460.0	110.0	36.78
460.0	120.0	38.19
460.0	130.0	39.55
460.0	140.0	46.13
460.0	150.0	46.26
460.0	160.0	50.45
460.0	170.0	50.41
460.0	180.0	46.66
460.0	190.0	46.37
460.0	200.0	46.10

460.0	210.0	41.69
460.0	220.0	41.64
460.0	230.0	40.76
460.0	240.0	40.33
460.0	250.0	36.96
460.0	260.0	36.76
460.0	270.0	37.35
460.0	280.0	37.65
460.0	290.0	37.74
460.0	300.0	38.31
460.0	310.0	39.46
460.0	320.0	39.77
460.0	330.0	39.80
460.0	340.0	44.38
460.0	350.0	39.70
460.0	360.0	39.66
460.0	370.0	40.13
460.0	380.0	40.56
460.0	390.0	40.47
460.0	400.0	40.32
460.0	410.0	40.24
470.0	0.0	49.11
470.0	10.0	49.53
470.0	20.0	51.41
470.0	30.0	50.38
470.0	40.0	49.44
470.0	50.0	38.17
470.0	60.0	36.76
470.0	70.0	41.65
470.0	80.0	35.25
470.0	90.0	36.14

470.0	100.0	34.96
470.0	110.0	37.59
470.0	120.0	38.03
470.0	130.0	39.56
470.0	140.0	38.64
470.0	150.0	46.11
470.0	160.0	50.12
470.0	170.0	50.07
470.0	180.0	46.44
470.0	190.0	46.14
470.0	200.0	45.88
470.0	210.0	45.62
470.0	220.0	42.37
470.0	230.0	40.73
470.0	240.0	40.21
470.0	250.0	38.63
470.0	260.0	36.66
470.0	270.0	37.09
470.0	280.0	37.40
470.0	290.0	37.48
470.0	300.0	38.03
470.0	310.0	39.40
470.0	320.0	39.21
470.0	330.0	42.44
470.0	340.0	39.54
470.0	350.0	43.98
470.0	360.0	39.39
470.0	370.0	39.26
470.0	380.0	39.75
470.0	390.0	40.14
470.0	400.0	40.07

470.0	410.0	39.91
480.0	0.0	49.10
480.0	10.0	47.37
480.0	20.0	0
480.0	30.0	49.97
480.0	40.0	48.74
480.0	50.0	36.75
480.0	60.0	35.62
480.0	70.0	35.72
480.0	80.0	35.41
480.0	90.0	34.15
480.0	100.0	36.07
480.0	110.0	37.25
480.0	120.0	38.25
480.0	130.0	39.46
480.0	140.0	38.34
480.0	150.0	41.00
480.0	160.0	49.81
480.0	170.0	49.74
480.0	180.0	46.24
480.0	190.0	45.92
480.0	200.0	45.67
480.0	210.0	45.41
480.0	220.0	45.22
480.0	230.0	44.31
480.0	240.0	40.70
480.0	250.0	39.66
480.0	260.0	36.76
480.0	270.0	36.94
480.0	280.0	37.03
480.0	290.0	36.81

480.0	300.0	37.75
480.0	310.0	38.61
480.0	320.0	43.44
480.0	330.0	39.29
480.0	340.0	42.14
480.0	350.0	43.75
480.0	360.0	43.64
480.0	370.0	39.13
480.0	380.0	38.98
480.0	390.0	39.43
480.0	400.0	39.29
480.0	410.0	39.64
490.0	0.0	47.96
490.0	10.0	31.69
490.0	20.0	29.62
490.0	30.0	47.53
490.0	40.0	37.23
490.0	50.0	35.75
490.0	60.0	41.10
490.0	70.0	34.87
490.0	80.0	35.97
490.0	90.0	34.55
490.0	100.0	36.77
490.0	110.0	37.48
490.0	120.0	38.57
490.0	130.0	37.94
490.0	140.0	38.36
490.0	150.0	39.23
490.0	160.0	48.12
490.0	170.0	49.45
490.0	180.0	46.06

490.0	190.0	45.70
490.0	200.0	45.46
490.0	210.0	45.31
490.0	220.0	45.03
490.0	230.0	44.81
490.0	240.0	44.65
490.0	250.0	39.67
490.0	260.0	37.74
490.0	270.0	36.84
490.0	280.0	36.88
490.0	290.0	36.90
490.0	300.0	37.35
490.0	310.0	37.88
490.0	320.0	39.26
490.0	330.0	39.11
490.0	340.0	38.95
490.0	350.0	38.96
490.0	360.0	43.37
490.0	370.0	38.84
490.0	380.0	38.82
490.0	390.0	38.57
490.0	400.0	39.15
490.0	410.0	38.98
500.0	0.0	34.36
500.0	10.0	33.21
500.0	20.0	47.11
500.0	30.0	42.78
500.0	40.0	35.86
500.0	50.0	35.06
500.0	60.0	40.88
500.0	70.0	35.24

500.0	80.0	33.81
500.0	90.0	36.42
500.0	100.0	36.44
500.0	110.0	37.26
500.0	120.0	38.41
500.0	130.0	37.77
500.0	140.0	38.49
500.0	150.0	38.95
500.0	160.0	47.57
500.0	170.0	48.78
500.0	180.0	45.86
500.0	190.0	45.40
500.0	200.0	45.25
500.0	210.0	45.12
500.0	220.0	44.85
500.0	230.0	44.63
500.0	240.0	44.52
500.0	250.0	44.31
500.0	260.0	39.17
500.0	270.0	36.51
500.0	280.0	36.84
500.0	290.0	36.76
500.0	300.0	36.63
500.0	310.0	37.40
500.0	320.0	38.58
500.0	330.0	39.31
500.0	340.0	38.83
500.0	350.0	41.66
500.0	360.0	38.49
500.0	370.0	43.00
500.0	380.0	38.51

500.0	390.0	38.26
500.0	400.0	38.34
500.0	410.0	38.91
510.0	0.0	34.72
510.0	10.0	46.67
510.0	20.0	49.05
510.0	30.0	44.31
510.0	40.0	35.39
510.0	50.0	40.58
510.0	60.0	36.76
510.0	70.0	35.77
510.0	80.0	35.07
510.0	90.0	36.03
510.0	100.0	36.55
510.0	110.0	37.40
510.0	120.0	38.55
510.0	130.0	37.79
510.0	140.0	42.06
510.0	150.0	38.67
510.0	160.0	47.22
510.0	170.0	47.21
510.0	180.0	45.65
510.0	190.0	45.21
510.0	200.0	45.06
510.0	210.0	44.92
510.0	220.0	44.67
510.0	230.0	44.45
510.0	240.0	44.49
510.0	250.0	44.16
510.0	260.0	43.99
510.0	270.0	38.69

510.0	280.0	36.60
510.0	290.0	36.58
510.0	300.0	36.36
510.0	310.0	37.10
510.0	320.0	37.68
510.0	330.0	38.75
510.0	340.0	38.57
510.0	350.0	38.72
510.0	360.0	41.37
510.0	370.0	38.33
510.0	380.0	42.67
510.0	390.0	38.19
510.0	400.0	38.01
510.0	410.0	38.00
520.0	0.0	36.32
520.0	10.0	46.47
520.0	20.0	36.42
520.0	30.0	41.24
520.0	40.0	34.56
520.0	50.0	40.42
520.0	60.0	35.07
520.0	70.0	33.53
520.0	80.0	35.76
520.0	90.0	36.10
520.0	100.0	36.40
520.0	110.0	37.52
520.0	120.0	43.13
520.0	130.0	37.27
520.0	140.0	41.78
520.0	150.0	38.27
520.0	160.0	46.91

520.0	170.0	49.42
520.0	180.0	41.72
520.0	190.0	45.01
520.0	200.0	44.87
520.0	210.0	44.74
520.0	220.0	44.51
520.0	230.0	44.28
520.0	240.0	44.15
520.0	250.0	44.01
520.0	260.0	43.85
520.0	270.0	43.67
520.0	280.0	37.42
520.0	290.0	36.46
520.0	300.0	36.44
520.0	310.0	36.81
520.0	320.0	37.19
520.0	330.0	38.17
520.0	340.0	38.78
520.0	350.0	38.36
520.0	360.0	38.36
520.0	370.0	38.29
520.0	380.0	38.09
520.0	390.0	42.35
520.0	400.0	37.94
520.0	410.0	37.69
530.0	0.0	46.07
530.0	10.0	38.13
530.0	20.0	41.60
530.0	30.0	34.36
530.0	40.0	40.12
530.0	50.0	35.23

530.0	60.0	32.99
530.0	70.0	35.46
530.0	80.0	35.36
530.0	90.0	35.92
530.0	100.0	36.38
530.0	110.0	37.66
530.0	120.0	37.01
530.0	130.0	36.89
530.0	140.0	38.00
530.0	150.0	37.85
530.0	160.0	46.62
530.0	170.0	49.08
530.0	180.0	40.75
530.0	190.0	40.64
530.0	200.0	44.68
530.0	210.0	44.56
530.0	220.0	44.34
530.0	230.0	44.11
530.0	240.0	43.98
530.0	250.0	43.88
530.0	260.0	43.70
530.0	270.0	43.53
530.0	280.0	43.11
530.0	290.0	37.20
530.0	300.0	37.22
530.0	310.0	36.09
530.0	320.0	36.86
530.0	330.0	37.39
530.0	340.0	38.31
530.0	350.0	38.05
530.0	360.0	42.49

530.0	370.0	40.89
530.0	380.0	38.00
530.0	390.0	42.25
530.0	400.0	42.01
530.0	410.0	37.70
540.0	0.0	45.87
540.0	10.0	44.72
540.0	20.0	43.46
540.0	30.0	34.28
540.0	40.0	39.99
540.0	50.0	34.87
540.0	60.0	34.49
540.0	70.0	35.07
540.0	80.0	35.41
540.0	90.0	35.77
540.0	100.0	36.52
540.0	110.0	37.74
540.0	120.0	36.52
540.0	130.0	36.59
540.0	140.0	37.56
540.0	150.0	37.64
540.0	160.0	46.33
540.0	170.0	48.78
540.0	180.0	40.50
540.0	190.0	39.50
540.0	200.0	40.15
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540.0	220.0	44.18
540.0	230.0	43.95
540.0	240.0	43.82
540.0	250.0	43.78

540.0	260.0	43.57
540.0	270.0	43.42
540.0	280.0	43.23
540.0	290.0	42.67
540.0	300.0	37.91
540.0	310.0	36.96
540.0	320.0	36.57
540.0	330.0	36.93
540.0	340.0	37.86
540.0	350.0	38.22
540.0	360.0	37.80
540.0	370.0	38.01
540.0	380.0	40.68
540.0	390.0	37.79
540.0	400.0	41.87
540.0	410.0	41.68
550.0	0.0	35.81
550.0	10.0	34.74
550.0	20.0	40.30
550.0	30.0	39.70
550.0	40.0	36.45
550.0	50.0	32.69
550.0	60.0	34.84
550.0	70.0	35.13
550.0	80.0	35.23
550.0	90.0	35.82
550.0	100.0	36.53
550.0	110.0	37.64
550.0	120.0	36.34
550.0	130.0	36.41
550.0	140.0	37.05

550.0	150.0	37.36
550.0	160.0	46.00
550.0	170.0	48.49
550.0	180.0	40.25
550.0	190.0	39.28
550.0	200.0	39.03
550.0	210.0	43.24
550.0	220.0	44.01
550.0	230.0	43.86
550.0	240.0	43.65
550.0	250.0	43.54
550.0	260.0	43.43
550.0	270.0	43.28
550.0	280.0	43.12
550.0	290.0	42.76
550.0	300.0	42.42
550.0	310.0	38.04
550.0	320.0	35.89
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550.0	340.0	37.18
550.0	350.0	37.86
550.0	360.0	37.52
550.0	370.0	37.59
550.0	380.0	37.68
550.0	390.0	37.60
550.0	400.0	37.51
550.0	410.0	41.59
560.0	0.0	46.97
560.0	10.0	40.80
560.0	20.0	34.01
560.0	30.0	39.59

560.0	40.0	34.66
560.0	50.0	34.00
560.0	60.0	34.49
560.0	70.0	34.93
560.0	80.0	35.08
560.0	90.0	35.87
560.0	100.0	37.14
560.0	110.0	41.91
560.0	120.0	36.07
560.0	130.0	36.03
560.0	140.0	36.84
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560.0	170.0	48.21
560.0	180.0	40.00
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560.0	200.0	38.80
560.0	210.0	38.73
560.0	220.0	43.85
560.0	230.0	43.71
560.0	240.0	43.49
560.0	250.0	43.38
560.0	260.0	43.30
560.0	270.0	43.14
560.0	280.0	43.01
560.0	290.0	42.82
560.0	300.0	42.32
560.0	310.0	42.15
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560.0	330.0	37.37
560.0	340.0	36.79

560.0	350.0	37.47
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560.0	370.0	37.37
560.0	380.0	41.72
560.0	390.0	40.20
560.0	400.0	37.34
560.0	410.0	37.37
570.0	0.0	34.49
570.0	10.0	40.44
570.0	20.0	33.33
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570.0	40.0	33.70
570.0	50.0	34.27
570.0	60.0	34.58
570.0	70.0	34.71
570.0	80.0	35.04
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570.0	100.0	36.77
570.0	110.0	35.62
570.0	120.0	36.04
570.0	130.0	40.17
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570.0	170.0	47.93
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570.0	260.0	43.18
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570.0	280.0	42.87
570.0	290.0	42.81
570.0	300.0	42.38
570.0	310.0	42.07
570.0	320.0	41.88
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570.0	350.0	37.08
570.0	360.0	37.53
570.0	370.0	37.10
570.0	380.0	37.17
570.0	390.0	37.21
570.0	400.0	39.97
570.0	410.0	37.06
580.0	0.0	33.45
580.0	10.0	39.70
580.0	20.0	39.19
580.0	30.0	33.12
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580.0	50.0	33.95
580.0	60.0	34.30
580.0	70.0	34.75
580.0	80.0	35.31
580.0	90.0	36.07
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580.0	110.0	35.36
580.0	120.0	35.32

580.0	130.0	39.93
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580.0	170.0	47.66
580.0	180.0	45.14
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580.0	270.0	42.87
580.0	280.0	42.74
580.0	290.0	42.70
580.0	300.0	42.41
580.0	310.0	41.98
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580.0	330.0	41.67
580.0	340.0	40.78
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580.0	380.0	36.91
580.0	390.0	36.89
580.0	400.0	36.97
580.0	410.0	37.01
590.0	0.0	39.98
590.0	10.0	39.40

590.0	20.0	39.12
590.0	30.0	34.59
590.0	40.0	33.75
590.0	50.0	34.05
590.0	60.0	34.36
590.0	70.0	34.71
590.0	80.0	35.46
590.0	90.0	35.95
590.0	100.0	36.42
590.0	110.0	35.21
590.0	120.0	35.20
590.0	130.0	39.97
590.0	140.0	36.24
590.0	150.0	36.48
590.0	160.0	44.91
590.0	170.0	47.40
590.0	180.0	44.89
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590.0	230.0	37.67
590.0	240.0	38.15
590.0	250.0	42.91
590.0	260.0	42.82
590.0	270.0	42.74
590.0	280.0	42.61
590.0	290.0	42.49
590.0	300.0	42.44
590.0	310.0	42.03
590.0	320.0	41.71

590.0	330.0	41.55
590.0	340.0	41.61
590.0	350.0	40.61
590.0	360.0	38.06
590.0	370.0	37.68
590.0	380.0	40.57
590.0	390.0	36.77
590.0	400.0	36.82
590.0	410.0	39.52

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Soft-P