AM-95-588

The crystal structure of sinkankasite, a complex heteropolyhedral sheet mineral

Peter C. Burns, Frank C. Hawthorne

For deposit: Table 3

American Mineralogist, 80, 5-6, 620-627.

TABLE 3.

STRUCTURE FACTOR TABLES FOR SINKANKASITE

FOR DEPOSIT

h	k	l	Fo	Fc	A	B	Phi	Del(F)	Sig*(F)
1	0	0	65.66	68.48	-68.48	-0.57	180.48	-2.83	4.51
2	0	0	63.46	69.64	-69.62	-1.48	181.22	-6.18	2.42
3	0	0	75.10	80.86	80.86	1.13	0.80	-5.76	1.77
4	0	0	9.97	14.10	14.07	0.95	3.88	-4.13	2.07
5	0	0	102.98	109.20	-109.19	-1.65	180.87	-6.22	1.59
7	0	0	38.84	39.48	39.46	1.30	1.89	-0.64	0.86
9	0	0	42.37	41.18	-41.17	-1.00	181.39	1.19	0.80
10	0	0	34.41	33.32	33.30	0.92	1.59	1.09	0.87
12	0	0	19.25	16.20	-16.18	-0.77	182.73	3.04	1.19
-11	1	0	13.41	13.01	13.01	0.22	0.95	0.40	1.38
-8	1	0	19.32	22.64	-22.63	-0.64	181.62	-3.31	1.09
-7	1	0	13.00	14.48	14.45	0.97	3.84	-1.48	1.32
-6	1	0	14.51	16.56	-16.56	0.09	179.71	-2.05	1.19
-5	1	0	38.41	41.25	-41.24	-1.10	181.52	-2.84	0.88
-4	1	0	32.54	35.83	35.82	0.31	0.50	-3.28	0.94
-3	1	0	34.72	39.10	39.08	1.17	1.71	-4.38	1.24
-2	1	0	35.75	37.99	-37.98	-1.01	181.53	-2.24	1.60
-1	1	0	22.40	23.82	23.82	-0.57	358.64	-1.43	2.16
0	1	0	5.73	2.30	-1.99	1.15	149.88	3.43	5.34
1	1	0	35.34	38.00	38.00	0.19	0.29	-2.67	2.24
2	1	0	50.55	51.32	-51.30	-1.38	181.54	-0.77	1.94
3	1	0	23.90	24.50	24.49	0.61	1.42	-0.60	1.55
4	1	0	66.64	65.77	65.77	0.94	0.82	0.86	1.32
5	1	0	16.96	17.87	-17.85	-0.85	182.73	-0.92	1.48
6	1	0	20.16	21.51	-21.50	-0.54	181.44	-1.35	1.31
7	1	0	28.77	27.78	27.76	1.09	2.25	0.98	1.02
8	1	0	13.59	15.49	-15.49	-0.15	180.56	-1.90	1.52
9	1	0	18.53	16.19	-16.17	-0.78	182.77	2.34	1.21
11	1	0	17.33	14.58	14.57	0.55	2.18	2.75	1.29
12	1	0	13.28	12.74	-12.73	-0.59	182.64	0.53	1.68
-13	2	0	11.45	9.54	-9.54	0.17	178.96	1.92	1.59
-12	2	0	11.57	10.17	10.16	-0.44	357.51	1.40	1.50
-10	2	0	9.32	7.67	7.64	0.74	5.57	1.64	1.50
-8	2	0	13.59	15.92	15.91	-0.57	357.95	-2.33	1.16
-7	2	0	11.80	16.85	-16.84	0.59	178.00	-5.05	1.30
-5	2	0	29.95	33.07	-33.05	-1.09	181.90	-3.12	0.81
-3	2	0	71.36	77.46	-77.45	0.90	179.33	-6.10	1.61
-2	2	0	25.97	31.71	31.71	-0.41	359.26	-5.74	1.37
-1	2	0	23.50	20.18	-20.16	-0.94	182.68	3.32	1.49
0	2	0	27.98	30.64	30.63	1.02	1.90	-2.66	1.56
1	2	0	11.50	13.91	-13.91	0.32	178.70	-2.41	2.35
2	2	0	74.72	80.31	80.31	-0.91	359.35	-5.60	1.75
3	2	0	13.78	13.08	-13.08	0.00	180.01	0.69	1.93
4	2	0	39.54	36.58	36.57	1.06	1.66	2.96	1.05
7	2	0	18.51	19.97	-19.96	0.59	178.32	-1.47	1.38
12	2	0	11.17	12.34	12.34	-0.18	359.17	-1.17	2.29
-13	3	0	24.60	21.66	21.65	0.70	1.85	2.94	0.96
-12	3	0	13.61	12.78	-12.77	-0.67	183.00	0.82	1.28
-10	3	0	14.65	15.09	15.06	0.96	3.64	-0.44	1.08
-8	3	0	21.61	22.94	-22.90	-1.26	183.16	-1.33	0.84
-7	3	0	11.57	14.37	14.35	0.72	2.87	-2.80	1.26
-6	3	0	19.28	20.69	20.67	0.97	2.69	-1.41	0.89
-4	3	0	46.28	51.22	-51.22	-0.61	180.68	-4.94	0.97
-3	3	0	22.51	29.69	29.65	1.68	3.24	-7.18	0.94
-2	3	0	33.02	34.91	-34.91	-0.41	180.67	-1.89	1.02
-1	3	0	61.30	71.97	-71.95	-1.46	181.16	-10.67	1.47
0	3	0	29.60	34.20	34.19	0.97	1.63	-4.60	0.79
1	3	0	33.43	36.85	36.84	1.07	1.67	-3.42	1.04
2	3	0	29.69	35.22	-35.19	-1.54	182.51	-5.53	0.99
3	3	0	37.22	38.23	38.23	-0.10	359.86	-1.01	0.94
4	3	0	8.20	9.82	9.73	1.35	7.90	-1.62	2.46
5	3	0	9.06	10.87	-10.86	-0.41	182.15	-1.81	2.51
6	3	0	18.29	19.50	-19.47	-1.12	183.29	-1.21	1.41
7	3	0	16.91	18.59	18.56	0.94	2.91	-1.68	1.46
8	3	0	9.40	9.88	9.87	0.45	2.60	-0.48	2.33
11	3	0	18.53	16.22	16.20	0.80	2.82	2.31	1.40
-11	4	0	16.52	16.13	-16.12	-0.61	182.15	0.39	1.03
-10	4	0	24.99	23.47	23.45	0.84	2.05	1.53	0.77
-9	4	0	12.25	11.66	11.66	0.22	1.08	0.59	1.11
-6	4	0	32.16	32.42	32.40	1.17	2.08	-0.26	0.73
-5	4	0	50.81	55.46	-55.45	-0.97	181.00	-4.65	0.85
-4	4	0	9.61	9.76	9.74	-0.66	356.10	-0.15	1.44
-3	4	0	25.27	24.30	-24.27	1.16	177.26	0.97	0.83
-2	4	0	11.75	14.80	14.80	0.26	1.00	-3.05	1.30
-1	4	0	41.31	44.00	-43.97	-1.52	181.98	-2.68	0.97
0	4	0	8.33	11.34	11.32	0.60	3.03	-3.01	1.51
1	4	0	22.86	23.39	-23.37	1.02	177.50	-0.54	0.91
2	4	0	9.57	13.22	13.18	-0.95	355.89	-3.64	1.66
3	4	0	38.05	41.68	-41.67	-0.71	180.97	-3.63	0.84
4	4	0	51.26	52.97	52.95	1.37	1.49	-1.71	0.86
5	4	0	7.94	7.62	7.62	-0.09	359.29	0.32	2.62
7	4	0	12.15	12.65	12.64	0.49	2.24	-0.50	1.85
8	4	0	17.40	16.11	16.10	0.75	2.65	1.29	1.40
9	4	0	33.28	28.14	-28.13	-0.85	181.72	5.14	0.98
-12	5	0	9.48	9.62	-9.62	-0.25	181.50	-0.14	1.61
-11	5	0	13.01	12.58	12.58	-0.36	358.35	0.42	1.16
-6	5	0	8.05	8.07	8.03	0.77	5.46	-0.02	1.59
-5	5	0	10.32	11.80	11.80	-0.27	358.67	-1.48	1.29
-4	5	0	19.39	19.59	-19.57	-0.82	182.40	-0.19	0.86
-3	5	0	17.67	18.07	18.05	0.82	2.61	-0.41	0.93
-2	5	0	11.97	12.95	-12.95	0.32	178.59	-0.99	1.23
0	5	0	24.01	26.76	-26.75	-0.09	180.19	-2.74	1.08

1	5	0	17.72	17.69	17.66	1.01	3.27	0.03	0.94
2	5	0	13.66	15.44	-15.43	-0.52	181.93	-1.77	1.19
8	5	0	9.14	9.38	-9.36	0.51	176.86	-0.24	2.29
9	5	0	17.55	16.77	16.77	-0.19	359.34	0.77	1.48
10	5	0	10.40	8.62	-8.61	-0.42	182.81	1.77	2.32
-11	6	0	32.80	29.77	-29.75	-0.91	181.74	3.03	0.75
-10	6	0	20.55	21.37	21.37	0.50	1.33	-0.82	0.86
-9	6	0	7.10	9.60	9.57	0.69	4.15	-2.50	1.82
-8	6	0	19.23	20.39	-20.37	-0.83	182.33	-1.16	0.84
-7	6	0	10.87	11.99	-11.98	-0.48	182.31	-1.13	1.17
-6	6	0	49.08	51.35	51.34	1.32	1.47	-2.27	0.71
-4	6	0	9.98	12.05	-11.99	-1.13	185.36	-2.06	1.39
-3	6	0	8.85	11.67	11.65	0.68	3.36	-2.82	1.50
-2	6	0	57.73	62.01	62.00	1.02	0.94	-4.28	0.88
-1	6	0	90.63	98.23	-98.22	-1.38	180.80	-7.60	1.15
1	6	0	9.45	11.97	11.91	1.20	5.75	-2.52	1.38
2	6	0	7.52	6.31	-6.30	-0.25	182.31	1.22	1.96
3	6	0	30.62	33.20	-33.18	-1.14	181.96	-2.58	0.81
4	6	0	26.74	28.57	28.56	0.86	1.72	-1.83	0.88
5	6	0	10.57	10.76	10.75	0.53	2.82	-0.19	1.61
6	6	0	13.39	13.61	-13.58	-0.86	183.64	-0.22	1.37
7	6	0	13.43	12.30	-12.30	-0.17	180.79	1.14	1.51
8	6	0	25.70	25.46	25.45	0.89	2.00	0.24	1.07
9	6	0	11.63	12.28	-12.28	-0.34	181.59	-0.66	1.93
-11	7	0	21.81	19.61	-19.60	-0.80	182.35	2.19	0.86
-10	7	0	8.45	7.28	-7.28	0.05	179.59	1.17	1.47
-9	7	0	33.05	31.07	31.05	1.03	1.89	1.98	0.70
-8	7	0	18.74	19.45	-19.44	-0.72	182.14	-0.71	0.91
-7	7	0	10.52	10.63	-10.60	-0.67	183.64	-0.10	1.17
-6	7	0	44.50	45.39	45.38	1.12	1.41	-0.90	0.69
-4	7	0	50.76	53.79	-53.77	-1.46	181.55	-3.02	0.75
-3	7	0	28.05	29.16	29.15	0.53	1.04	-1.10	0.74
-2	7	0	15.13	17.43	17.40	1.10	3.63	-2.30	1.01
-1	7	0	8.23	10.75	-10.71	-0.94	185.00	-2.52	1.61
0	7	0	26.23	27.93	-27.92	-0.76	181.56	-1.70	0.75
1	7	0	50.84	54.47	54.45	1.44	1.51	-3.63	0.77
3	7	0	45.65	47.85	-47.83	-1.22	181.46	-2.20	0.72
4	7	0	9.35	9.55	9.54	0.51	3.07	-0.20	1.65
5	7	0	22.38	23.85	23.84	0.90	2.17	-1.47	0.97
6	7	0	33.97	31.43	-31.41	-0.97	181.77	2.55	0.85
8	7	0	22.19	20.69	20.67	0.84	2.34	1.50	1.21
-9	8	0	15.29	15.05	-15.04	0.51	178.06	0.24	0.97
-7	8	0	10.65	10.73	-10.71	-0.67	183.58	-0.08	1.24
-4	8	0	21.35	22.11	22.10	-0.68	358.23	-0.76	0.79
-3	8	0	7.97	7.16	-7.16	-0.10	180.82	0.81	1.54
-2	8	0	27.86	28.81	28.79	0.96	1.91	-0.95	0.75
-1	8	0	13.48	13.51	-13.50	-0.46	181.94	-0.02	1.05
0	8	0	7.74	9.49	9.48	-0.58	356.48	-1.75	1.39
1	8	0	14.12	16.63	-16.62	0.57	178.05	-2.51	1.06
2	8	0	8.00	6.18	6.17	0.40	3.69	1.81	1.67
3	8	0	13.64	13.09	-13.06	-0.85	183.73	0.55	1.14
6	8	0	10.97	9.68	9.67	-0.25	358.52	1.29	1.54
-11	9	0	9.63	6.47	-6.46	-0.45	184.02	3.16	1.48
-9	9	0	9.93	8.44	8.41	0.77	5.26	1.49	1.28
-8	9	0	12.42	11.82	-11.82	-0.13	180.64	0.60	1.10
-5	9	0	11.42	10.17	10.15	0.71	4.00	1.25	1.11
-4	9	0	8.95	7.88	-7.84	-0.85	186.18	1.07	1.42
-3	9	0	9.99	9.28	9.28	-0.20	358.74	0.72	1.28
-1	9	0	10.34	10.90	10.90	-0.07	359.65	-0.56	1.24
0	9	0	12.08	13.16	-13.13	-0.92	184.01	-1.09	0.81
4	9	0	12.05	11.82	-11.81	-0.25	181.21	0.23	1.33
5	9	0	11.48	11.55	11.53	0.78	3.88	-0.07	1.56
-10	10	0	15.84	14.23	-14.22	-0.55	182.22	1.61	1.10
-8	10	0	9.71	10.39	10.38	0.31	1.71	-0.67	1.47
-7	10	0	35.90	35.04	-35.02	-1.14	181.87	0.86	0.72
-6	10	0	15.29	15.08	15.08	0.35	1.34	0.21	1.02
-5	10	0	16.84	17.04	17.01	0.94	3.16	-0.19	0.95
-4	10	0	11.02	10.73	-10.71	-0.73	183.91	0.29	1.23
-3	10	0	28.12	27.58	-27.57	-0.73	181.52	0.54	0.74
-2	10	0	39.10	39.50	39.48	1.23	1.79	-0.39	0.68
-1	10	0	9.29	9.96	-9.96	0.00	180.03	-0.67	1.45
0	10	0	14.03	14.18	-14.14	-1.07	184.31	-0.15	0.72
1	10	0	11.43	11.52	11.51	0.43	2.12	-0.08	1.23
2	10	0	32.24	30.50	30.49	0.94	1.76	1.73	0.77
3	10	0	30.70	28.51	-28.49	-0.92	181.84	2.19	0.81
5	10	0	14.73	12.08	12.05	0.84	3.97	2.65	1.26
6	10	0	9.42	6.23	-6.23	-0.07	180.61	3.19	1.99
-6	11	0	12.38	11.29	-11.29	-0.14	180.72	1.09	1.10
-4	11	0	8.26	9.25	-9.24	-0.37	182.30	-0.99	1.74
-1	11	0	13.97	15.12	15.11	0.42	1.58	-1.15	1.11
0	11	0	10.82	11.06	-11.03	-0.82	184.25	-0.24	1.35
-5	12	0	12.37	12.60	-12.59	0.50	177.74	-0.23	1.25
-4	12	0	11.26	10.29	10.29	0.04	0.21	0.97	1.34
-3	12	0	9.99	9.61	-9.58	-0.67	183.97	0.39	1.40
-1	12	0	8.23	7.54	-7.54	0.37	177.22	0.68	1.81
0	12	0	13.61	13.07	13.06	-0.41	358.19	0.54	1.29
-3	13	0	14.03	11.89	-11.86	-0.81	183.92	2.15	1.14
-1	13	0	16.84	15.81	15.79	0.76	2.77	1.03	1.04
0	-13	1	9.43	6.80	-6.79	-0.26	182.23	2.63	1.90
1	-13	1	16.24	13.07	13.07	-0.37	358.39	3.17	1.07
2	-13	1	8.34	4.44	-4.42	0.42	174.54	3.90	1.76
3	-13	1	11.03	9.67	-9.66	0.18	178.94	1.36	1.38
4	-13	1	13.42	11.40	11.39	-0.48	357.57	2.02	1.18
6	-13	1	11.44	9.14	-9.13	0.44	177.25	2.30	1.29
-3	-12	1	11.30	8.09	-8.07	-0.58	184.13	3.20	1.46
-1	-12	1	13.78	12.04	12.01	0.84	4.00	1.74	1.29

3	-12	1	9.17	7.32	7.29	0.65	5.08	1.86	1.55
8	-12	1	9.52	9.39	-9.37	-0.67	184.09	0.12	1.61
-4	-11	1	10.39	11.15	11.12	0.83	4.27	-0.76	1.70
-2	-11	1	23.58	22.83	-22.82	-0.73	181.82	0.75	0.93
-1	-11	1	21.58	21.98	21.96	0.90	2.34	-0.40	0.94
0	-11	1	21.81	22.47	22.47	0.35	0.90	-0.66	0.62
1	-11	1	27.89	26.21	-26.19	-1.09	182.38	1.67	0.76
3	-11	1	31.17	29.71	29.69	1.01	1.94	1.46	0.74
4	-11	1	27.56	25.25	-25.24	-0.72	181.63	2.31	0.76
5	-11	1	20.02	17.95	-17.94	-0.63	182.01	2.07	0.86
6	-11	1	26.22	24.86	24.84	0.95	2.20	1.36	0.76
8	-11	1	15.55	13.67	-13.64	-0.89	183.74	1.87	0.99
-6	-10	1	15.68	14.11	-14.10	-0.57	182.31	1.57	1.35
-4	-10	1	8.40	6.87	6.84	0.64	5.36	1.53	1.92
-3	-10	1	10.21	9.58	-9.58	-0.29	181.73	0.63	1.54
-1	-10	1	7.84	9.72	9.70	0.58	3.41	-1.88	1.94
1	-10	1	9.83	9.06	-9.02	-0.76	184.78	0.77	1.43
8	-10	1	9.47	7.61	-7.59	-0.62	184.64	1.86	1.43
10	-10	1	9.24	7.72	7.70	0.52	3.84	1.52	1.56
-5	-9	1	9.21	11.00	-10.99	-0.41	182.16	-1.79	1.84
-4	-9	1	8.40	9.10	9.06	0.83	5.26	-0.70	1.88
-2	-9	1	30.76	30.55	-30.54	-0.98	181.83	0.21	0.78
-1	-9	1	12.54	12.66	12.66	0.47	2.11	-0.13	1.21
0	-9	1	13.00	13.84	13.82	0.76	3.14	-0.85	0.76
1	-9	1	11.09	10.95	-10.92	-0.83	184.33	0.14	1.17
3	-9	1	19.72	20.33	20.31	1.00	2.81	-0.61	0.83
4	-9	1	7.67	6.06	6.06	-0.11	359.01	1.61	1.54
5	-9	1	26.05	25.83	-25.82	-0.90	181.99	0.21	0.75
6	-9	1	12.32	12.40	12.39	0.52	2.42	-0.08	1.11
8	-9	1	10.09	11.01	-10.98	-0.69	183.62	-0.91	1.36
10	-9	1	7.49	5.24	5.20	0.63	6.96	2.26	1.77
-9	-8	1	13.47	12.75	-12.73	-0.75	183.35	0.71	1.67
-7	-8	1	29.80	27.40	27.38	0.98	2.04	2.41	0.92
-6	-8	1	12.40	11.34	-11.33	-0.46	182.33	1.07	1.50
-5	-8	1	12.02	13.27	-13.24	-0.86	183.70	-1.25	1.54
-4	-8	1	17.50	19.57	19.54	0.98	2.86	-2.07	1.12
-3	-8	1	9.20	9.57	9.56	0.47	2.80	-0.38	1.65
-2	-8	1	32.71	33.31	-33.28	-1.33	182.29	-0.60	0.77
-1	-8	1	16.41	17.85	-17.85	0.12	179.61	-1.44	1.03
0	-8	1	42.52	43.16	43.14	1.34	1.78	-0.64	1.64
1	-8	1	24.89	24.84	-24.82	-0.84	181.94	0.05	0.76
2	-8	1	31.33	31.83	-31.82	-0.93	181.68	-0.50	0.73
3	-8	1	48.12	49.47	49.45	1.30	1.51	-1.35	0.72
5	-8	1	31.86	33.24	-33.21	-1.34	182.30	-1.37	0.72
6	-8	1	7.25	6.97	6.96	0.37	3.06	0.28	1.62
7	-8	1	24.23	23.90	23.87	1.03	2.47	0.33	0.76
8	-8	1	13.12	13.47	-13.45	-0.80	183.40	-0.34	1.02
9	-8	1	17.01	17.58	-17.57	-0.54	181.76	-0.57	0.89
10	-8	1	31.35	28.12	28.11	0.95	1.94	3.23	0.73
12	-8	1	18.83	15.55	-15.53	-0.76	182.81	3.28	0.98
-8	-7	1	11.51	12.27	12.27	-0.07	359.66	-0.76	1.90
-3	-7	1	11.08	10.74	-10.73	0.49	177.41	0.34	1.42
-2	-7	1	7.77	9.35	-9.30	-0.95	185.83	-1.58	2.02
-1	-7	1	20.30	22.30	22.30	-0.06	359.85	-2.00	0.93
0	-7	1	11.56	12.80	-12.76	1.00	175.51	-1.24	0.91
2	-7	1	6.53	5.73	5.66	-0.85	351.50	0.80	2.00
3	-7	1	20.10	19.30	-19.29	0.74	177.79	0.80	0.80
4	-7	1	9.03	8.65	8.64	0.48	3.20	0.37	1.43
9	-7	1	10.65	10.57	-10.55	-0.61	183.28	0.08	1.24
-10	-6	1	10.24	8.17	-8.16	0.42	177.06	2.06	2.27
-5	-6	1	9.11	10.25	10.22	-0.81	355.47	-1.14	2.06
-1	-6	1	6.58	7.02	-7.01	-0.40	183.23	-0.44	2.16
0	-6	1	7.45	6.22	-6.14	0.99	170.83	1.23	1.48
1	-6	1	9.32	10.45	-10.45	-0.10	180.57	-1.14	1.45
3	-6	1	7.91	9.15	9.13	0.53	3.33	-1.23	1.65
7	-6	1	8.98	10.41	-10.39	0.77	175.75	-1.44	1.36
9	-6	1	7.81	8.99	8.97	-0.59	356.21	-1.18	1.66
11	-6	1	8.78	7.20	-7.19	0.33	177.40	1.58	1.58
12	-6	1	13.86	11.88	11.87	-0.39	358.14	1.99	1.14
-11	-5	1	16.45	12.93	-12.93	-0.14	180.63	3.52	1.49
-10	-5	1	26.30	24.32	24.31	0.89	2.10	1.98	1.18
-8	-5	1	32.33	29.59	-29.58	-0.90	181.74	2.73	1.00
-7	-5	1	36.44	33.11	33.10	0.93	1.62	3.33	0.92
-6	-5	1	18.21	19.83	19.83	0.56	1.63	-1.63	1.33
-5	-5	1	26.51	26.04	-26.01	-1.32	182.91	0.47	1.02
-3	-5	1	55.76	57.25	57.23	1.47	1.47	-1.49	0.95
-2	-5	1	29.09	29.60	-29.59	-0.83	181.61	-0.51	0.87
-1	-5	1	46.62	50.76	-50.75	-1.13	181.28	-4.14	0.92
0	-5	1	34.60	40.21	40.19	1.40	1.99	-5.61	1.59
2	-5	1	55.63	61.01	-60.99	-1.62	181.52	-5.38	1.00
3	-5	1	13.77	15.68	15.68	0.37	1.36	-1.91	1.05
4	-5	1	49.17	50.81	50.79	1.37	1.54	-1.64	0.85
5	-5	1	29.13	30.30	-30.28	-0.98	181.85	-1.17	0.74
6	-5	1	12.38	14.62	-14.60	-0.75	182.95	-2.25	1.12
7	-5	1	24.97	27.23	27.20	1.21	2.55	-2.25	0.77
9	-5	1	34.00	34.32	-34.30	-1.11	181.85	-0.31	0.70
10	-5	1	8.88	11.78	11.77	0.41	1.98	-2.90	1.51
11	-5	1	16.29	14.64	14.62	0.70	2.76	1.65	0.98
12	-5	1	19.15	18.50	-18.48	-0.65	182.00	0.65	1.01
-8	-4	1	20.17	19.72	-19.71	-0.87	182.52	0.45	1.34
-7	-4	1	21.67	21.39	21.38	0.64	1.72	0.28	1.21
-6	-4	1	22.91	23.27	23.26	0.71	1.76	-0.36	1.25
-5	-4	1	28.67	26.77	-26.75	-1.08	182.32	1.90	1.05
-4	-4	1	13.10	12.90	-12.90	-0.26	181.14	0.20	1.67
-3	-4	1	32.29	31.70	31.67	1.32	2.39	0.59	0.97
-2	-4	1	8.93	11.11	-11.10	-0.39	182.03	-2.18	2.08

-1	-4	1	38.05	39.54	-39.52	-1.22	181.77	-1.49	0.99
0	-4	1	63.95	65.63	65.63	1.04	0.91	-1.68	0.90
1	-4	1	54.24	54.50	54.49	0.79	0.83	-0.26	1.17
2	-4	1	45.43	47.98	-47.96	-1.37	181.63	-2.55	1.02
4	-4	1	24.46	26.42	26.38	1.33	2.89	-1.96	0.80
5	-4	1	26.84	28.14	-28.14	-0.56	181.15	-1.31	0.77
6	-4	1	27.52	27.99	-27.98	-0.98	182.01	-0.47	0.75
7	-4	1	24.95	25.22	25.20	0.94	2.13	-0.27	0.78
8	-4	1	17.30	18.24	18.24	0.45	1.42	-0.94	0.89
9	-4	1	23.85	24.65	-24.63	-1.00	182.33	-0.80	0.78
12	-4	1	11.41	10.09	-10.09	-0.41	182.33	1.31	1.39
13	-4	1	11.82	9.30	-9.29	-0.44	182.72	2.52	1.38
-12	-3	1	10.78	8.58	-8.57	-0.37	182.46	2.20	2.04
-9	-3	1	11.78	10.62	-10.62	-0.01	180.06	1.16	1.83
-7	-3	1	9.35	6.76	-6.75	0.32	177.30	2.59	2.31
-3	-3	1	64.17	60.17	60.17	1.04	0.99	3.99	1.25
-1	-3	1	12.12	14.74	14.70	-0.98	356.17	-2.61	1.97
0	-3	1	15.59	17.31	-17.30	0.49	178.38	-1.71	2.30
1	-3	1	32.79	34.28	-34.27	0.74	178.77	-1.49	1.17
2	-3	1	14.05	14.18	-14.16	-0.86	183.47	-0.13	1.35
3	-3	1	31.24	30.53	-30.53	-0.39	180.73	0.70	0.90
4	-3	1	38.19	39.26	39.25	0.99	1.45	-1.07	0.85
6	-3	1	12.63	12.67	12.65	-0.79	356.42	-0.04	1.14
8	-3	1	7.70	9.53	-9.52	0.50	177.01	-1.83	1.63
12	-3	1	12.48	10.49	10.49	-0.03	359.82	2.00	1.34
-11	-2	1	19.48	18.62	-18.60	-0.71	182.20	0.86	1.32
-10	-2	1	12.33	11.46	11.44	0.68	3.41	0.87	1.77
-9	-2	1	17.23	17.31	17.30	0.51	1.68	-0.08	1.36
-8	-2	1	48.45	46.69	-46.67	-1.16	181.42	1.76	0.91
-7	-2	1	16.35	15.98	15.98	0.04	0.14	0.37	1.47
-6	-2	1	28.06	28.14	28.11	1.27	2.59	-0.07	1.11
-5	-2	1	34.53	31.73	-31.72	-0.70	181.26	2.80	1.05
-4	-2	1	16.05	17.89	-17.86	-1.06	183.38	-1.84	1.75
-3	-2	1	16.83	18.67	18.63	1.26	3.86	-1.84	1.82
-2	-2	1	16.79	17.57	17.56	0.50	1.63	-0.78	2.14
-1	-2	1	69.84	65.32	-65.30	-1.59	181.40	4.52	2.33
0	-2	1	15.82	10.75	10.75	0.28	1.47	5.08	1.51
1	-2	1	65.35	64.51	64.49	1.46	1.29	0.84	2.25
2	-2	1	20.55	18.73	-18.71	-0.94	182.89	1.82	1.25
3	-2	1	5.96	7.25	-7.19	-0.90	187.13	-1.29	2.67
4	-2	1	23.20	26.55	26.52	1.30	2.81	-3.35	0.87
5	-2	1	25.06	25.93	25.93	0.25	0.56	-0.87	0.82
6	-2	1	25.93	27.93	-27.90	-1.27	182.61	-2.00	0.79
7	-2	1	8.12	6.36	-6.35	0.35	176.86	1.76	1.69
8	-2	1	39.46	41.37	41.36	0.97	1.34	-1.91	0.72
9	-2	1	19.40	21.99	-21.98	-0.74	181.93	-2.59	0.96
10	-2	1	7.88	7.95	-7.93	-0.43	183.14	-0.06	1.80
11	-2	1	14.56	14.33	14.31	0.77	3.06	0.23	1.22
-13	-1	1	19.33	16.08	16.07	0.66	2.35	3.25	1.37
-11	-1	1	10.75	11.24	-11.21	-0.81	184.14	-0.49	1.92
-8	-1	1	28.49	26.78	-26.77	-1.02	182.19	1.70	0.99
-7	-1	1	22.09	24.21	-24.21	-0.40	180.94	-2.13	1.18
-6	-1	1	31.54	31.82	31.79	1.38	2.48	-0.28	1.02
-5	-1	1	16.93	16.68	16.68	-0.26	359.10	0.25	1.46
-4	-1	1	72.35	72.24	-72.23	-1.43	181.13	0.11	1.47
-3	-1	1	64.70	65.75	65.74	1.06	0.93	-1.06	1.69
-2	-1	1	49.33	50.47	50.46	0.98	1.12	-1.15	1.97
-1	-1	1	102.69	90.00	-89.98	-1.60	181.02	12.70	4.02
0	-1	1	17.04	13.56	-13.56	-0.23	180.96	3.48	2.18
1	-1	1	107.75	98.08	98.07	1.72	1.00	9.67	2.96
2	-1	1	19.59	20.34	-20.33	-0.60	181.70	-0.75	1.30
3	-1	1	72.58	76.57	-76.56	-1.36	181.02	-3.99	1.57
4	-1	1	57.07	64.68	64.66	1.23	1.09	-7.60	1.06
6	-1	1	40.17	45.91	-45.89	-1.39	181.74	-5.74	0.79
8	-1	1	34.90	35.99	35.97	1.18	1.88	-1.09	0.78
10	-1	1	8.61	11.27	-11.25	-0.69	183.51	-2.66	1.97
11	-1	1	17.66	18.28	18.26	0.78	2.43	-0.62	1.17
-9	0	1	7.76	7.45	7.43	0.60	4.63	0.30	2.17
-5	0	1	25.23	24.62	-24.62	-0.01	180.02	0.61	1.02
-4	0	1	26.96	27.22	-27.20	-1.02	182.15	-0.26	1.14
-1	0	1	16.86	12.07	12.04	-0.86	355.90	4.79	2.51
0	0	1	7.01	4.78	4.76	-0.45	354.57	2.23	3.78
1	0	1	18.62	19.74	-19.71	1.07	176.91	-1.12	1.79
2	0	1	13.53	13.74	-13.74	-0.06	180.23	-0.21	2.36
3	0	1	40.46	43.59	-43.58	-1.05	181.38	-3.13	1.18
5	0	1	22.48	22.53	22.52	0.73	1.87	-0.05	1.02
8	0	1	11.06	11.19	11.17	0.79	4.03	-0.13	1.54
11	0	1	9.71	7.82	-7.81	0.29	177.90	1.89	1.94
-13	1	1	9.84	4.06	4.04	0.44	6.18	5.78	1.96
-12	1	1	14.36	13.71	13.71	0.37	1.54	0.65	1.41
-9	1	1	15.92	18.26	18.23	0.94	2.95	-2.34	1.12
-8	1	1	16.52	18.41	-18.40	-0.49	181.53	-1.89	1.16
-7	1	1	9.11	11.23	-11.20	-0.84	184.27	-2.12	1.78
-5	1	1	12.73	13.86	13.86	0.46	1.90	-1.13	1.36
-4	1	1	22.61	22.26	-22.23	-1.29	183.31	0.34	1.02
-3	1	1	5.57	10.23	10.23	0.16	0.88	-4.66	3.75
-2	1	1	28.47	28.70	28.68	1.27	2.54	-0.23	1.43
-1	1	1	16.71	15.13	-15.11	-0.77	182.92	1.57	1.79
0	1	1	19.02	20.47	-20.45	-0.91	182.55	-1.45	1.94
1	1	1	22.39	23.36	23.33	1.18	2.91	-0.97	1.27
2	1	1	7.63	7.93	7.92	0.32	2.32	-0.31	2.92
3	1	1	27.01	28.81	-28.78	-1.25	182.49	-1.80	1.26
6	1	1	10.13	8.63	-8.60	-0.68	184.52	1.50	2.19
7	1	1	21.08	20.97	-20.96	-0.59	181.60	0.10	1.23
8	1	1	11.61	11.79	11.76	0.82	3.99	-0.18	1.74
11	1	1	11.44	9.56	9.56	0.22	1.34	1.89	1.98

-13	2	1	10.20	8.21	8.20	0.34	2.34	2.00	1.78
-12	2	1	11.98	10.11	10.09	0.66	3.73	1.87	1.43
-10	2	1	13.58	13.46	-13.46	-0.41	181.77	0.12	1.22
-9	2	1	27.90	28.90	28.88	1.19	2.37	-1.01	0.81
-7	2	1	33.04	36.01	-35.99	-1.32	182.10	-2.98	0.78
-6	2	1	12.75	14.27	14.24	0.86	3.46	-1.52	1.27
-5	2	1	44.93	49.56	49.55	1.04	1.21	-4.63	0.89
-4	2	1	26.18	29.85	-29.81	-1.47	182.82	-3.67	0.89
-3	2	1	19.61	18.49	-18.49	-0.35	181.07	1.12	1.09
-2	2	1	78.05	82.79	82.77	1.77	1.22	-4.73	1.90
-1	2	1	26.75	29.87	-29.87	-0.53	181.02	-3.12	1.19
0	2	1	69.96	78.00	-77.98	-1.52	181.11	-8.04	1.26
1	2	1	43.99	49.08	49.07	1.25	1.46	-5.09	1.16
3	2	1	51.80	59.53	-59.51	-1.58	181.52	-7.73	1.01
4	2	1	12.17	12.81	12.81	-0.01	359.97	-0.64	1.73
5	2	1	26.76	27.08	27.05	1.41	2.98	-0.32	1.09
6	2	1	23.16	24.06	-24.05	-0.65	181.55	-0.89	1.28
7	2	1	21.19	20.68	-20.66	-0.94	182.60	0.51	1.25
8	2	1	26.12	24.92	24.90	0.97	2.23	1.20	1.16
10	2	1	10.70	10.72	-10.68	-0.91	184.86	-0.02	2.10
-9	3	1	7.08	5.77	5.72	0.76	7.56	1.31	1.95
-6	3	1	16.99	18.42	18.41	0.39	1.21	-1.43	0.99
-4	3	1	41.83	43.47	-43.46	-0.89	181.17	-1.65	0.88
-3	3	1	18.21	19.39	19.38	-0.52	358.47	-1.18	1.01
-2	3	1	47.61	47.86	-47.85	1.09	178.70	-0.25	1.09
-1	3	1	9.05	10.40	10.40	0.02	0.14	-1.35	1.79
0	3	1	59.07	60.47	60.46	-1.10	358.96	-1.40	3.18
1	3	1	14.39	15.93	-15.92	0.52	178.14	-1.54	1.16
2	3	1	42.11	44.27	44.26	0.93	1.20	-2.15	0.86
3	3	1	8.34	9.17	-9.13	-0.92	185.73	-0.84	1.79
4	3	1	23.38	24.27	-24.27	-0.43	181.01	-0.89	0.99
-9	4	1	13.73	16.90	16.89	0.66	2.25	-3.17	1.09
-8	4	1	11.47	12.08	-12.08	0.31	178.55	-0.61	1.31
-7	4	1	7.21	7.11	-7.05	-0.90	187.28	0.10	1.84
-6	4	1	8.28	9.33	-9.33	0.05	179.69	-1.05	1.60
-4	4	1	15.55	16.02	16.02	-0.51	358.19	-0.48	0.98
-3	4	1	12.66	16.01	-15.99	-0.77	182.77	-3.35	1.18
-2	4	1	43.52	46.23	46.22	0.97	1.20	-2.71	0.91
-1	4	1	20.65	20.25	20.24	0.37	1.04	0.40	0.89
0	4	1	25.07	28.18	-28.16	-1.09	182.22	-3.10	1.35
1	4	1	10.92	12.24	12.24	0.17	0.79	-1.32	1.29
2	4	1	10.05	14.21	-14.18	0.91	176.32	-4.16	1.42
6	4	1	14.45	15.04	15.04	0.23	0.88	-0.59	1.44
7	4	1	10.88	10.57	-10.54	-0.75	184.07	0.31	1.88
8	4	1	12.07	10.38	-10.38	0.11	179.41	1.69	1.76
-13	5	1	8.58	8.26	-8.25	-0.34	182.34	0.32	1.92
-12	5	1	19.85	20.04	20.02	0.86	2.45	-0.19	1.04
-10	5	1	30.56	29.77	-29.75	-1.03	181.98	0.78	0.74
-9	5	1	14.69	16.49	16.48	0.62	2.15	-1.80	1.02
-8	5	1	30.00	31.28	31.27	0.89	1.62	-1.28	0.73
-7	5	1	35.60	38.47	-38.45	-1.18	181.75	-2.87	0.71
-6	5	1	21.93	21.30	-21.30	-0.39	181.04	0.63	0.80
-5	5	1	70.26	74.10	74.08	1.53	1.18	-3.84	0.90
-4	5	1	26.76	27.54	-27.53	-0.38	180.80	-0.77	0.77
-3	5	1	61.71	65.01	-64.99	-1.41	181.24	-3.30	0.94
-2	5	1	41.94	46.72	46.71	1.07	1.31	-4.79	0.76
-1	5	1	32.94	36.52	36.51	0.88	1.39	-3.59	0.72
0	5	1	58.46	67.97	-67.95	-1.50	181.26	-9.51	2.28
2	5	1	73.86	78.53	78.51	1.51	1.10	-4.67	0.92
3	5	1	24.74	25.77	-25.77	-0.57	181.27	-1.03	0.81
4	5	1	24.99	25.40	-25.38	-1.05	182.36	-0.41	0.87
5	5	1	33.84	35.20	35.19	1.00	1.63	-1.36	0.82
6	5	1	8.88	9.67	9.66	0.47	2.77	-0.79	2.00
7	5	1	33.98	31.75	-31.74	-1.06	181.92	2.23	0.90
9	5	1	17.37	15.50	15.48	0.80	2.97	1.87	1.40
10	5	1	16.44	11.43	-11.42	-0.42	182.10	5.01	1.50
-11	6	1	10.22	9.38	9.38	0.18	1.08	0.85	1.41
-10	6	1	22.12	22.40	-22.39	-0.84	182.16	-0.28	0.87
-8	6	1	19.45	19.49	19.47	0.86	2.52	-0.04	0.87
-7	6	1	26.81	27.07	-27.06	-0.76	181.60	-0.26	0.74
-5	6	1	33.11	34.92	34.90	1.13	1.85	-1.81	0.72
-4	6	1	7.58	8.22	-8.22	0.07	179.54	-0.64	1.74
-3	6	1	33.70	34.30	-34.28	-1.24	182.07	-0.59	0.71
-2	6	1	6.29	6.46	6.44	0.51	4.52	-0.18	2.09
-1	6	1	19.98	21.70	21.68	0.99	2.61	-1.72	0.82
0	6	1	16.05	20.17	-20.14	-0.99	182.81	-4.11	0.77
1	6	1	10.87	14.05	-14.04	-0.49	182.01	-3.18	1.30
2	6	1	46.42	49.67	49.66	1.23	1.42	-3.25	0.71
3	6	1	11.12	11.53	11.52	-0.07	359.66	-0.41	1.30
4	6	1	32.85	34.25	-34.24	-1.06	181.77	-1.40	0.76
5	6	1	16.44	17.75	17.74	0.58	1.87	-1.30	1.13
6	6	1	13.07	13.42	13.40	0.64	2.74	-0.34	1.36
7	6	1	29.78	27.56	-27.55	-0.81	181.68	2.22	0.89
9	6	1	15.54	12.43	12.41	0.71	3.29	3.11	1.44
-11	7	1	8.45	8.19	-8.19	0.20	178.63	0.26	1.74
-8	7	1	9.77	8.68	-8.66	0.63	175.82	1.09	1.31
-7	7	1	17.58	17.57	17.57	-0.29	359.05	0.02	0.87
-6	7	1	8.21	6.82	-6.79	-0.59	184.98	1.40	1.46
-5	7	1	10.48	12.43	-12.42	0.62	177.13	-1.95	1.25
-3	7	1	9.20	9.14	-9.10	-0.85	185.32	0.06	1.50
-1	7	1	7.98	10.13	10.09	0.83	4.68	-2.15	1.69
3	7	1	8.55	10.19	-10.18	0.22	178.77	-1.64	1.63
4	7	1	13.07	14.39	14.37	-0.67	357.34	-1.31	1.17
7	7	1	11.62	12.78	12.77	-0.28	358.76	-1.16	1.73
-11	8	1	12.87	13.58	13.57	0.59	2.49	-0.71	1.29
-10	8	1	12.90	12.30	-12.28	-0.73	183.41	0.60	1.14

-8	8	1	15.43	15.12	15.09	0.99	3.76	0.30	0.96
-6	8	1	10.30	10.06	-10.01	-0.99	185.65	0.24	1.20
-5	8	1	9.12	9.01	8.98	0.70	4.44	0.12	1.39
-4	8	1	8.17	8.45	8.42	0.71	4.82	-0.28	1.52
-3	8	1	13.78	14.77	-14.73	-1.08	184.18	-0.98	0.99
0	8	1	8.78	8.85	-8.84	-0.37	182.38	-0.07	1.21
1	8	1	10.68	12.21	-12.17	-0.94	184.41	-1.53	1.23
2	8	1	7.40	7.88	7.84	0.76	5.57	-0.47	1.96
3	8	1	11.88	13.71	13.70	0.52	2.19	-1.83	1.22
6	8	1	12.51	14.34	14.32	0.81	3.22	-1.83	1.47
-11	9	1	12.78	10.15	10.13	0.67	3.80	2.63	1.23
-9	9	1	11.94	10.25	-10.24	-0.53	182.96	1.69	1.21
-8	9	1	15.19	13.54	13.51	0.88	3.73	1.65	1.00
-6	9	1	19.94	20.50	-20.47	-1.06	182.98	-0.56	0.82
-5	9	1	16.28	16.40	16.39	0.42	1.48	-0.12	0.95
-4	9	1	9.03	9.33	9.28	0.91	5.59	-0.30	1.38
-2	9	1	7.13	6.40	-6.38	-0.51	184.54	0.73	1.82
1	9	1	27.79	27.40	-27.38	-1.08	182.27	0.39	0.74
2	9	1	10.24	10.58	10.57	0.55	3.00	-0.35	1.36
3	9	1	10.82	9.52	9.49	0.70	4.23	1.30	1.27
4	9	1	13.07	14.35	-14.33	-0.82	183.29	-1.28	1.31
6	9	1	13.73	12.11	12.09	0.82	3.86	1.61	1.37
-6	10	1	11.88	11.48	11.47	-0.58	357.10	0.40	1.19
-5	10	1	8.31	8.34	-8.34	-0.01	180.09	-0.03	1.64
-2	10	1	10.21	7.70	-7.68	-0.54	184.01	2.52	1.27
3	10	1	9.59	7.67	-7.66	0.54	175.95	1.91	1.66
-9	11	1	11.44	10.49	-10.48	-0.62	183.41	0.95	1.34
-8	11	1	12.45	9.77	9.76	0.41	2.41	2.68	1.22
-6	11	1	18.40	17.31	-17.29	-0.70	182.33	1.09	0.94
-4	11	1	13.18	11.38	11.36	0.80	4.05	1.80	1.08
0	11	1	12.47	11.88	11.87	0.47	2.28	0.59	0.84
1	11	1	18.40	15.45	-15.44	-0.71	182.64	2.95	0.98
2	11	1	10.43	8.22	-8.22	-0.13	180.91	2.21	1.42
3	11	1	9.12	9.23	9.20	0.67	4.16	-0.10	1.75
-7	12	1	22.81	18.94	18.92	0.76	2.29	3.87	0.87
-6	12	1	21.01	18.23	-18.21	-0.67	182.11	2.79	0.91
-5	12	1	13.05	10.10	-10.09	-0.46	182.64	2.95	1.15
-4	12	1	33.92	28.77	28.75	0.95	1.90	5.15	0.75
-2	12	1	25.83	23.59	-23.57	-0.94	182.29	2.24	0.83
-1	12	1	17.19	16.12	16.11	0.46	1.65	1.07	1.02
0	12	1	18.51	15.66	15.65	0.69	2.51	2.85	0.75
1	12	1	27.60	22.89	-22.88	-0.77	181.92	4.71	0.85
-2	-13	2	21.47	20.34	-20.33	-0.78	182.21	1.12	1.06
0	-13	2	10.91	10.47	10.43	0.87	4.78	0.44	1.07
2	-13	2	24.81	24.05	-24.03	-0.99	182.36	0.76	0.91
3	-13	2	17.04	15.66	15.65	0.62	2.27	1.38	1.04
5	-13	2	10.33	9.19	-9.16	-0.76	184.77	1.14	1.44
6	-13	2	14.44	12.33	-12.33	-0.27	181.25	2.11	1.13
-1	-12	2	17.37	16.33	-16.32	-0.56	181.96	1.04	1.09
0	-12	2	14.32	14.09	14.06	0.86	3.50	0.23	0.86
2	-12	2	19.32	18.48	-18.46	-0.84	182.61	0.84	0.95
4	-12	2	17.41	15.73	15.71	0.79	2.86	1.68	0.97
5	-12	2	18.91	17.44	-17.42	-0.70	182.30	1.47	0.93
8	-12	2	10.87	7.53	7.52	0.08	0.64	3.34	1.28
-3	-11	2	12.02	12.46	12.44	0.70	3.20	-0.44	1.41
-2	-11	2	20.20	19.33	-19.32	-0.43	181.29	0.88	0.98
-1	-11	2	17.77	18.18	18.18	-0.39	358.77	-0.42	1.03
4	-11	2	16.14	16.35	-16.34	0.52	178.17	-0.20	0.95
5	-11	2	13.55	12.96	12.95	-0.26	358.84	0.59	1.09
6	-11	2	14.97	13.29	-13.28	-0.51	182.19	1.68	0.98
7	-11	2	13.39	13.61	13.59	0.59	2.49	-0.21	1.13
-6	-10	2	18.36	19.24	19.23	0.78	2.32	-0.88	1.26
-5	-10	2	20.60	20.01	-19.99	-0.79	182.26	0.59	1.10
-3	-10	2	18.64	19.72	19.69	0.98	2.85	-1.07	1.05
-2	-10	2	15.00	16.48	16.48	0.05	0.16	-1.49	1.23
-1	-10	2	32.88	33.35	-33.33	-1.17	182.01	-0.47	0.77
0	-10	2	11.22	12.30	12.28	0.66	3.09	-1.07	0.93
1	-10	2	21.55	22.27	22.26	0.77	1.97	-0.72	0.84
2	-10	2	29.95	30.50	-30.48	-0.98	181.83	-0.55	0.74
3	-10	2	10.54	11.74	-11.73	-0.38	181.83	-1.20	1.28
4	-10	2	35.02	34.46	34.44	1.20	2.00	0.56	0.71
5	-10	2	17.38	17.72	-17.71	-0.34	181.09	-0.33	0.93
6	-10	2	16.01	15.78	-15.76	-0.85	183.09	0.22	0.91
8	-10	2	17.53	16.59	16.58	0.58	1.99	0.95	0.91
9	-10	2	22.16	20.43	-20.41	-0.85	182.39	1.73	0.85
-8	-9	2	16.64	16.65	-16.63	-0.83	182.86	-0.02	1.47
-4	-9	2	30.44	28.67	-28.66	-0.81	181.62	1.77	0.87
-3	-9	2	32.02	31.44	31.42	1.10	2.01	0.58	0.83
-1	-9	2	17.75	19.42	-19.38	-1.16	183.42	-1.66	1.02
1	-9	2	45.53	47.64	47.62	1.23	1.48	-2.11	0.70
2	-9	2	34.65	36.25	-36.24	-0.97	181.54	-1.60	0.72
3	-9	2	9.45	9.45	-9.43	-0.61	183.72	0.00	1.37
4	-9	2	18.14	19.14	19.11	1.10	3.29	-1.00	0.89
6	-9	2	41.82	42.33	-42.31	-1.24	181.68	-0.51	0.67
7	-9	2	24.21	23.08	23.08	0.53	1.32	1.13	0.76
10	-9	2	12.09	12.18	-12.17	-0.41	181.94	-0.10	1.24
11	-9	2	23.14	20.31	20.29	0.84	2.38	2.84	0.85
-9	-8	2	11.69	10.96	-10.96	0.15	179.24	0.74	1.92
-5	-8	2	19.18	18.72	-18.71	-0.43	181.31	0.46	1.15
-4	-8	2	14.01	14.08	14.07	-0.50	357.96	-0.07	1.27
-2	-8	2	18.74	20.58	-20.57	0.35	179.02	-1.84	1.02
-1	-8	2	13.14	14.58	14.55	-0.88	356.54	-1.44	1.24
0	-8	2	32.07	33.94	33.94	0.18	0.31	-1.87	0.87
1	-8	2	19.24	23.28	-23.27	0.73	178.20	-4.04	0.94
2	-8	2	25.57	27.19	27.18	-0.31	359.34	-1.61	0.81
3	-8	2	12.18	12.81	12.79	-0.66	357.03	-0.63	1.16

4	-8	2	15.85	18.54	-18.52	0.72	177.79	-2.69	0.97
5	-8	2	10.07	11.32	-11.32	0.19	179.04	-1.25	1.30
7	-8	2	16.83	16.66	-16.66	-0.02	180.07	0.17	0.90
10	-8	2	9.49	10.04	10.03	-0.30	358.27	-0.54	1.53
-9	-7	2	13.75	14.23	14.21	0.67	2.71	-0.47	1.70
-8	-7	2	17.28	14.69	-14.67	-0.68	182.67	2.59	1.30
-6	-7	2	17.89	17.37	-17.35	0.80	177.35	0.51	1.22
-5	-7	2	8.88	7.66	7.66	0.05	0.37	1.21	2.02
-4	-7	2	21.37	21.04	-21.01	-1.12	183.04	0.34	1.06
-3	-7	2	14.61	14.69	14.68	0.64	2.49	-0.09	1.32
-2	-7	2	12.32	11.77	11.74	0.78	3.79	0.55	1.46
-1	-7	2	16.49	18.73	18.71	-0.88	357.30	-2.24	1.11
0	-7	2	21.79	22.68	-22.68	-0.47	181.19	-0.89	0.66
1	-7	2	31.13	32.54	32.51	1.30	2.29	-1.41	0.77
2	-7	2	28.37	29.11	-29.10	-0.33	180.64	-0.74	0.77
3	-7	2	6.71	7.82	7.76	-0.95	353.01	-1.11	2.00
5	-7	2	14.78	14.60	14.58	0.73	2.88	0.18	1.00
6	-7	2	13.24	13.22	-13.18	-0.99	184.28	0.02	0.99
7	-7	2	15.70	16.18	16.18	-0.06	359.78	-0.49	0.92
8	-7	2	22.40	21.85	-21.84	0.73	178.09	0.55	0.77
9	-7	2	7.11	3.47	3.46	-0.18	357.10	3.65	1.71
10	-7	2	14.68	12.98	-12.96	-0.68	182.99	1.71	0.99
-11	-6	2	19.52	16.46	-16.44	-0.79	182.74	3.07	1.36
-9	-6	2	18.97	18.02	17.99	0.88	2.80	0.95	1.30
-7	-6	2	38.11	34.61	-34.60	-0.94	181.56	3.50	0.91
-6	-6	2	41.16	38.92	38.90	1.15	1.69	2.24	0.89
-4	-6	2	37.63	39.09	-39.06	-1.36	182.00	-1.46	0.89
-3	-6	2	13.70	15.50	-15.50	0.15	179.43	-1.80	1.49
-2	-6	2	38.74	39.49	39.46	1.48	2.15	-0.75	0.83
-1	-6	2	42.83	44.93	-44.91	-1.09	181.39	-2.10	0.81
0	-6	2	34.24	35.51	-35.50	-0.91	181.47	-1.27	0.57
1	-6	2	59.86	63.02	63.01	1.45	1.32	-3.17	0.92
2	-6	2	32.79	33.70	33.70	0.35	0.60	-0.91	0.75
3	-6	2	33.39	36.15	-36.11	-1.62	182.56	-2.75	0.74
4	-6	2	33.23	34.58	34.57	0.63	1.04	-1.35	0.72
5	-6	2	26.03	26.68	26.65	1.13	2.42	-0.64	0.75
6	-6	2	20.89	21.11	-21.08	-0.97	182.63	-0.22	0.79
7	-6	2	32.22	32.67	-32.67	-0.69	181.21	-0.46	0.70
8	-6	2	35.76	37.07	37.05	1.26	1.95	-1.31	0.68
9	-6	2	9.34	10.98	-10.98	-0.11	180.60	-1.64	1.41
10	-6	2	20.02	19.69	-19.67	-0.92	182.67	0.33	0.85
12	-6	2	12.98	11.28	11.26	0.61	3.12	1.70	1.21
-9	-5	2	15.82	14.13	14.11	0.76	3.08	1.70	1.39
-8	-5	2	16.27	14.48	-14.48	-0.36	181.41	1.78	1.43
-5	-5	2	29.95	27.94	27.93	0.58	1.18	2.01	0.98
-4	-5	2	66.73	63.22	-63.21	-1.15	181.04	3.51	0.99
-3	-5	2	30.78	29.44	29.44	0.08	0.17	1.35	0.97
-1	-5	2	15.51	16.59	-16.59	-0.42	181.46	-1.09	1.21
0	-5	2	19.91	21.32	-21.30	-0.99	182.66	-1.41	1.09
1	-5	2	25.09	26.66	26.64	1.01	2.17	-1.56	0.88
2	-5	2	17.52	16.58	16.58	0.40	1.40	0.94	0.95
3	-5	2	10.43	10.17	10.12	-0.99	354.39	0.26	1.25
4	-5	2	29.53	29.32	-29.32	-0.06	180.11	0.21	0.74
5	-5	2	61.39	62.66	62.65	1.16	1.06	-1.27	0.85
6	-5	2	28.08	28.27	-28.26	-0.61	181.23	-0.19	0.72
9	-5	2	11.45	11.18	11.17	0.33	1.68	0.28	1.17
10	-5	2	15.99	16.61	-16.60	-0.79	182.73	-0.62	0.95
-11	-4	2	12.75	12.51	-12.49	-0.54	182.45	0.24	1.92
-9	-4	2	11.28	9.35	9.32	0.70	4.28	1.93	1.83
-8	-4	2	12.25	12.24	12.24	0.07	0.32	0.01	1.84
-7	-4	2	9.70	7.91	-7.86	-0.93	186.74	1.79	2.18
-6	-4	2	24.60	24.34	24.34	0.57	1.34	0.25	1.17
-4	-4	2	12.81	11.85	-11.82	-0.83	184.01	0.95	1.73
-3	-4	2	66.69	63.39	-63.39	-0.53	180.48	3.30	1.17
-2	-4	2	40.86	37.25	37.23	1.24	1.91	3.61	1.04
-1	-4	2	6.16	3.54	3.53	-0.23	356.34	2.62	3.17
0	-4	2	95.40	90.24	-90.24	-1.09	180.69	5.16	3.14
1	-4	2	51.22	49.30	49.30	0.63	0.73	1.92	1.12
2	-4	2	22.30	21.39	21.37	0.84	2.26	0.92	0.94
3	-4	2	63.51	67.01	-67.00	-1.11	180.95	-3.50	1.14
4	-4	2	25.50	25.46	25.46	-0.14	359.68	0.04	0.78
5	-4	2	16.89	17.12	17.10	0.94	3.14	-0.23	0.89
6	-4	2	21.89	23.65	23.65	-0.10	359.76	-1.76	0.81
8	-4	2	14.85	16.00	15.99	0.60	2.13	-1.16	0.97
11	-4	2	15.47	13.88	-13.88	-0.18	180.75	1.59	1.03
-12	-3	2	20.15	17.06	17.04	0.76	2.55	3.09	1.28
-10	-3	2	28.09	27.90	-27.88	-0.88	181.80	0.19	1.08
-9	-3	2	41.72	38.34	38.32	1.00	1.50	3.39	0.88
-7	-3	2	32.72	31.01	-30.98	-1.27	182.34	1.71	0.99
-6	-3	2	13.10	13.10	-13.10	0.06	179.75	0.00	1.78
-5	-3	2	85.37	79.60	79.59	1.57	1.13	5.77	1.23
-4	-3	2	64.34	60.00	-59.99	-1.03	180.99	4.33	1.16
-3	-3	2	8.81	10.36	-10.31	-0.99	185.46	-1.54	2.74
-2	-3	2	33.85	27.44	27.41	1.43	3.00	6.40	1.15
0	-3	2	135.19	121.60	-121.59	-1.89	180.89	13.59	2.20
1	-3	2	8.70	10.77	10.75	0.56	3.01	-2.07	2.17
2	-3	2	39.21	39.70	39.68	1.38	1.99	-0.50	1.02
3	-3	2	5.41	5.44	-5.34	-1.06	191.19	-0.03	2.56
4	-3	2	50.40	49.51	-49.50	-0.92	181.07	0.89	0.86
5	-3	2	83.21	87.26	87.24	1.60	1.05	-4.05	1.15
6	-3	2	9.23	8.78	-8.78	-0.03	180.20	0.45	1.40
7	-3	2	30.59	32.91	-32.89	-1.24	182.15	-2.32	0.72
9	-3	2	36.90	38.11	38.10	0.94	1.42	-1.21	0.71
10	-3	2	31.21	31.34	-31.33	-0.91	181.66	-0.13	0.75
12	-3	2	20.63	17.18	17.17	0.74	2.48	3.45	0.97
-11	-2	2	9.56	9.89	-9.89	-0.24	181.39	-0.33	2.20

-9	-2	2	9.15	10.29	-10.28	0.50	177.24	-1.14	2.23
-8	-2	2	18.06	17.26	17.25	0.65	2.17	0.80	1.28
-7	-2	2	11.31	9.01	-8.95	-1.06	186.75	2.30	1.91
-6	-2	2	19.07	18.83	18.83	-0.05	359.85	0.24	1.38
-5	-2	2	17.62	20.16	20.12	1.16	3.31	-2.54	1.47
-4	-2	2	12.23	11.57	11.56	-0.35	358.28	0.66	2.05
-1	-2	2	33.43	29.58	-29.57	0.56	178.92	3.85	1.47
0	-2	2	30.71	22.34	-22.30	-1.31	183.35	8.37	3.74
1	-2	2	52.98	43.11	-43.10	-0.13	180.17	9.88	1.45
2	-2	2	19.31	16.13	-16.07	1.41	174.97	3.17	1.08
3	-2	2	26.04	25.21	-25.20	-0.73	181.65	0.82	0.87
4	-2	2	17.05	17.21	-17.18	-0.92	183.06	-0.15	0.91
5	-2	2	8.88	11.17	11.13	0.96	4.94	-2.29	1.48
6	-2	2	22.11	21.78	21.78	0.51	1.34	0.33	0.82
7	-2	2	18.03	18.76	-18.72	-1.17	183.57	-0.73	0.90
8	-2	2	21.21	22.72	22.72	0.24	0.61	-1.51	0.86
11	-2	2	10.05	10.40	-10.39	-0.54	182.98	-0.36	1.59
-9	-1	2	13.93	14.24	14.23	0.43	1.75	-0.31	1.42
-8	-1	2	33.09	33.05	-33.05	0.47	179.19	0.04	0.92
-7	-1	2	43.41	43.07	43.06	-0.56	359.25	0.34	0.88
-6	-1	2	10.93	14.26	14.26	-0.38	358.46	-3.33	1.96
-4	-1	2	8.12	5.41	-5.40	-0.18	181.88	2.71	2.70
-3	-1	2	48.92	41.85	41.85	-0.87	358.81	7.06	1.32
-2	-1	2	80.82	68.95	-68.95	0.42	179.65	11.87	2.13
0	-1	2	15.46	13.35	-13.31	-1.02	184.37	2.11	2.01
1	-1	2	65.56	52.64	52.64	-0.19	359.79	12.92	1.67
2	-1	2	55.58	54.97	-54.96	0.90	179.06	0.61	1.23
3	-1	2	6.70	8.75	8.75	-0.07	359.53	-2.05	2.01
5	-1	2	9.80	9.49	-9.47	0.58	176.49	0.31	1.38
6	-1	2	33.25	37.27	-37.26	0.42	179.35	-4.02	0.77
7	-1	2	35.28	39.26	39.26	-0.55	359.20	-3.99	0.75
8	-1	2	10.01	11.24	-11.24	-0.26	181.33	-1.24	1.54
12	-1	2	9.99	10.80	-10.80	0.20	178.96	-0.81	1.99
-13	0	2	21.81	20.37	-20.36	-0.67	181.89	1.44	1.19
-12	0	2	11.73	10.12	10.10	0.68	3.85	1.61	1.62
-11	0	2	9.20	8.61	8.60	0.36	2.39	0.58	1.97
-10	0	2	18.74	20.19	-20.16	-0.97	182.75	-1.45	1.16
-9	0	2	10.80	10.00	-10.00	-0.02	180.12	0.80	1.55
-8	0	2	46.18	46.70	46.69	1.29	1.58	-0.52	0.82
-7	0	2	45.73	46.04	-46.04	-0.82	181.02	-0.31	0.86
-6	0	2	22.30	22.63	-22.61	-0.92	182.33	-0.33	1.05
-5	0	2	27.19	28.93	28.90	1.22	2.41	-1.73	1.00
-4	0	2	28.18	28.01	28.00	0.51	1.05	0.17	1.03
-2	0	2	74.46	69.24	69.24	0.49	0.41	5.23	1.89
-1	0	2	94.99	85.47	85.46	1.41	0.94	9.52	2.70
0	0	2	26.53	26.33	-26.31	-0.98	182.13	0.20	1.16
1	0	2	52.84	52.72	-52.71	-1.02	181.11	0.12	1.40
2	0	2	7.77	4.17	-3.89	1.49	159.03	3.60	2.17
3	0	2	26.12	26.63	-26.63	0.06	179.88	-0.51	1.21
4	0	2	30.16	32.68	-32.66	-1.34	182.36	-2.52	0.99
6	0	2	45.41	47.07	47.06	1.13	1.37	-1.66	0.85
7	0	2	29.75	31.30	-31.28	-0.97	181.78	-1.54	0.92
9	0	2	11.73	14.15	14.12	0.87	3.53	-2.42	1.61
11	0	2	11.16	11.61	-11.58	-0.76	183.74	-0.45	1.88
12	0	2	15.40	13.70	13.70	0.40	1.66	1.70	1.53
-13	1	2	9.39	6.48	-6.45	-0.60	185.30	2.91	2.03
-11	1	2	14.15	14.35	14.33	0.65	2.61	-0.20	1.32
-10	1	2	29.44	29.71	-29.69	-0.97	181.88	-0.26	0.86
-9	1	2	10.37	10.64	-10.64	-0.21	181.15	-0.28	1.53
-8	1	2	7.98	9.98	9.91	1.11	6.39	-1.99	2.17
-7	1	2	17.85	21.01	21.01	-0.22	359.41	-3.16	1.17
-6	1	2	76.27	78.63	-78.62	-1.37	181.00	-2.36	1.11
-5	1	2	81.35	84.79	84.78	1.16	0.78	-3.44	1.21
-4	1	2	42.00	44.18	44.17	0.78	1.01	-2.18	0.95
-3	1	2	54.26	53.12	-53.11	-1.44	181.55	1.14	1.17
-2	1	2	19.11	19.69	-19.68	-0.22	180.63	-0.58	1.19
-1	1	2	110.28	108.00	107.98	1.75	0.93	2.28	2.28
0	1	2	58.44	56.13	-56.12	-0.78	180.80	2.31	1.19
1	1	2	52.78	51.46	-51.45	-1.20	181.34	1.32	1.23
2	1	2	55.80	56.03	56.02	1.20	1.22	-0.24	1.08
3	1	2	45.50	50.76	50.75	0.72	0.82	-5.25	0.86
4	1	2	91.52	94.92	-94.91	-1.60	180.97	-3.40	1.24
5	1	2	37.68	36.14	36.14	0.25	0.40	1.54	0.99
7	1	2	15.41	16.01	-16.00	-0.61	182.18	-0.60	1.48
8	1	2	17.57	18.81	-18.80	-0.79	182.41	-1.25	1.44
9	1	2	26.89	25.07	25.06	0.95	2.16	1.82	1.07
11	1	2	12.32	10.37	-10.34	-0.73	184.03	1.95	1.90
-12	2	2	10.90	9.75	9.74	0.30	1.78	1.15	1.63
-9	2	2	7.34	8.73	-8.72	-0.38	182.49	-1.38	1.99
-8	2	2	13.06	11.83	11.80	0.86	4.17	1.23	1.28
-7	2	2	35.67	37.83	-37.83	-0.17	180.25	-2.17	0.79
-5	2	2	10.52	12.49	-12.49	0.37	178.30	-1.97	1.44
-4	2	2	21.09	19.73	19.71	0.84	2.44	1.37	0.93
-3	2	2	10.16	7.81	-7.76	-0.93	186.86	2.35	1.55
-2	2	2	6.29	5.40	-5.39	-0.30	183.23	0.89	2.57
-1	2	2	59.64	54.23	54.22	1.02	1.08	5.41	1.21
0	2	2	8.72	9.27	9.27	-0.01	359.93	-0.55	1.20
2	2	2	28.08	29.12	29.11	0.65	1.29	-1.04	0.78
4	2	2	7.94	8.17	8.14	-0.71	355.02	-0.24	2.07
5	2	2	35.45	34.81	-34.81	-0.39	180.63	0.64	0.90
6	2	2	12.12	10.05	10.01	0.89	5.05	2.07	1.74
10	2	2	11.57	9.18	9.17	0.42	2.62	2.39	2.02
-11	3	2	19.29	19.13	19.11	0.87	2.61	0.16	0.98
-10	3	2	21.27	21.61	-21.61	-0.54	181.44	-0.34	0.91
-7	3	2	20.54	21.57	21.57	0.45	1.20	-1.03	0.93
-6	3	2	52.12	56.92	-56.90	-1.34	181.34	-4.80	0.83

-5	3	2	16.21	16.83	16.83	0.30	1.02	-0.62	1.01
-4	3	2	7.68	6.93	-6.84	1.08	171.04	0.76	1.80
-3	3	2	14.24	13.75	-13.73	-0.73	183.04	0.49	1.09
-2	3	2	25.30	28.00	-27.99	-0.92	181.89	-2.70	0.85
-1	3	2	63.21	65.76	65.74	1.35	1.17	-2.55	1.12
0	3	2	12.60	12.19	12.19	0.19	0.88	0.41	0.84
2	3	2	14.67	17.72	-17.71	0.25	179.18	-3.05	1.04
3	3	2	30.86	35.98	35.96	1.12	1.79	-5.12	0.77
4	3	2	33.99	37.16	-37.15	-0.90	181.38	-3.17	0.78
7	3	2	20.39	20.26	20.26	0.17	0.48	0.13	1.17
8	3	2	20.35	20.04	-20.02	-0.87	182.48	0.31	1.31
-13	4	2	13.80	12.26	-12.24	-0.69	183.22	1.54	1.31
-11	4	2	16.09	15.41	15.39	0.91	3.39	0.67	1.06
-10	4	2	16.25	14.99	14.99	-0.08	359.68	1.25	1.05
-9	4	2	33.34	32.55	-32.53	-1.15	182.02	0.79	0.74
-8	4	2	17.72	19.57	19.55	0.85	2.50	-1.85	1.01
-7	4	2	9.74	9.84	9.81	0.74	4.29	-0.10	1.42
-6	4	2	40.52	41.83	-41.82	-1.28	181.75	-1.31	0.74
-5	4	2	24.84	26.71	-26.71	-0.32	180.69	-1.87	0.80
-4	4	2	47.99	53.55	53.52	1.64	1.75	-5.56	0.82
-3	4	2	25.86	28.32	-28.31	-0.64	181.30	-2.46	0.79
-2	4	2	39.95	42.72	-42.70	-1.26	181.69	-2.77	0.80
-1	4	2	31.84	32.84	32.82	1.14	1.99	-0.99	0.73
0	4	2	25.06	27.22	27.21	0.80	1.69	-2.16	0.91
1	4	2	50.64	55.47	-55.44	-1.62	181.68	-4.83	0.78
2	4	2	24.73	25.50	25.50	0.16	0.36	-0.77	0.78
3	4	2	43.72	48.06	48.04	1.36	1.62	-4.34	0.72
4	4	2	8.02	9.76	-9.74	-0.62	183.66	-1.74	1.82
5	4	2	21.05	23.59	-23.57	-0.97	182.37	-2.54	0.96
6	4	2	35.64	34.56	34.55	1.11	1.84	1.07	0.83
7	4	2	10.77	13.20	-13.19	0.20	179.11	-2.42	1.88
8	4	2	16.42	15.99	-15.97	-0.93	183.35	0.42	1.44
10	4	2	19.04	17.09	17.08	0.76	2.55	1.95	1.46
-11	5	2	16.10	14.24	14.23	0.67	2.71	1.86	1.03
-10	5	2	10.69	11.02	-11.02	-0.05	180.25	-0.33	1.38
-9	5	2	13.68	15.67	15.66	-0.64	357.68	-1.99	1.07
-6	5	2	14.76	15.49	-15.47	-0.81	183.01	-0.73	1.04
-5	5	2	13.60	13.78	13.77	-0.32	358.68	-0.18	1.08
-4	5	2	24.04	26.48	-26.46	0.86	178.13	-2.44	0.81
-3	5	2	8.89	11.04	11.04	0.04	0.21	-2.15	1.52
-2	5	2	12.75	14.54	-14.50	-1.09	184.30	-1.79	1.15
-1	5	2	7.10	8.57	8.54	0.60	4.03	-1.47	1.89
0	5	2	10.85	12.34	-12.32	0.66	176.94	-1.49	1.07
1	5	2	20.90	21.72	21.71	-0.75	358.03	-0.82	0.81
2	5	2	16.84	17.79	-17.79	-0.42	181.34	-0.95	0.94
3	5	2	14.53	16.36	16.33	1.03	3.61	-1.83	1.02
6	5	2	9.63	10.87	-10.87	0.38	178.01	-1.24	1.72
7	5	2	16.34	16.48	16.47	0.55	1.90	-0.14	1.24
8	5	2	14.07	13.04	-13.03	-0.66	182.90	1.03	1.57
-10	6	2	9.62	9.38	9.37	0.32	1.94	0.24	1.35
-9	6	2	7.70	7.74	-7.70	-0.82	186.10	-0.05	1.76
-8	6	2	10.77	11.49	11.49	0.18	0.91	-0.71	1.30
-6	6	2	17.14	18.23	18.23	-0.41	358.72	-1.09	0.92
-5	6	2	13.52	13.63	-13.61	-0.72	183.03	-0.12	1.07
-3	6	2	8.56	10.55	-10.55	0.17	179.09	-1.99	1.58
-2	6	2	22.62	22.19	-22.17	-0.96	182.48	0.43	0.78
-1	6	2	10.14	10.60	-10.60	0.12	179.36	-0.46	1.31
0	6	2	9.34	10.00	9.96	0.95	5.43	-0.66	0.98
2	6	2	14.48	14.96	14.95	-0.45	358.27	-0.47	0.97
4	6	2	9.48	11.76	11.76	0.23	1.13	-2.28	1.50
5	6	2	9.24	9.71	-9.68	-0.82	184.83	-0.47	1.58
-12	7	2	22.70	21.50	-21.48	-0.84	182.23	1.20	0.94
-11	7	2	15.32	14.89	14.88	0.58	2.23	0.43	1.10
-10	7	2	15.27	15.25	15.24	0.61	2.29	0.02	1.06
-8	7	2	15.44	17.34	-17.34	-0.33	181.08	-1.90	1.04
-7	7	2	50.69	51.23	51.22	1.33	1.49	-0.55	0.67
-6	7	2	27.85	27.25	-27.25	-0.47	180.98	0.60	0.73
-5	7	2	25.19	25.37	-25.34	-1.08	182.43	-0.17	0.75
-4	7	2	17.05	17.20	17.18	0.89	2.95	-0.15	0.89
-3	7	2	24.77	25.09	25.07	0.78	1.78	-0.32	0.76
-2	7	2	35.82	38.47	-38.45	-1.40	182.08	-2.66	0.69
0	7	2	24.09	25.63	25.60	1.24	2.77	-1.53	0.58
1	7	2	10.88	11.55	-11.54	-0.52	182.56	-0.68	1.20
2	7	2	42.34	44.23	-44.22	-1.06	181.38	-1.89	0.68
3	7	2	40.22	41.51	41.49	1.08	1.49	-1.28	0.70
5	7	2	10.87	10.50	-10.46	-0.95	185.18	0.37	1.46
7	7	2	15.73	17.00	16.98	0.85	2.87	-1.27	1.30
-10	8	2	12.41	11.39	11.37	0.66	3.31	1.02	1.20
-9	8	2	17.90	16.99	-16.98	-0.65	182.18	0.91	0.93
-8	8	2	9.63	8.86	8.86	-0.32	357.96	0.77	1.38
-6	8	2	12.29	12.35	12.35	0.10	0.48	-0.06	1.11
-5	8	2	10.03	10.85	-10.81	-1.00	185.30	-0.82	1.33
-4	8	2	12.96	13.40	13.39	0.53	2.27	-0.44	1.07
-2	8	2	12.48	12.19	-12.17	-0.79	183.72	0.29	1.04
-1	8	2	12.21	12.50	-12.50	-0.44	182.01	-0.29	1.08
0	8	2	10.90	12.41	12.37	1.05	4.87	-1.51	1.20
1	8	2	11.27	10.68	-10.68	-0.21	181.11	0.59	1.14
4	8	2	17.84	18.19	18.18	0.63	1.97	-0.35	1.00
5	8	2	15.79	16.08	-16.06	-0.78	182.77	-0.29	1.20
-10	9	2	10.86	11.67	-11.67	0.41	178.00	-0.82	1.42
-9	9	2	9.01	8.69	8.68	-0.22	358.57	0.33	1.62
-7	9	2	9.05	7.43	7.40	0.61	4.72	1.62	1.42
-5	9	2	11.75	11.44	11.43	-0.60	356.99	0.31	1.13
-3	9	2	10.49	9.58	9.55	0.75	4.47	0.91	1.23
-2	9	2	7.13	8.48	-8.47	-0.48	183.26	-1.35	1.81
0	9	2	10.05	10.94	-10.93	0.52	177.25	-0.89	0.96

1	9	2	9.68	8.21	8.21	0.25	1.78	1.46	1.37
5	9	2	13.78	12.91	12.91	-0.23	358.96	0.88	1.33
-9	10	2	14.04	12.72	-12.72	-0.27	181.19	1.32	1.14
-8	10	2	10.73	10.41	-10.38	-0.73	184.03	0.33	1.40
-7	10	2	17.78	15.75	15.74	0.58	2.12	2.02	0.99
-6	10	2	13.31	12.47	12.45	0.61	2.78	0.84	1.08
-3	10	2	13.82	13.07	13.04	0.94	4.11	0.74	1.09
-1	10	2	18.36	17.89	-17.87	-0.86	182.77	0.47	0.90
0	10	2	21.09	20.57	20.56	0.81	2.25	0.51	0.70
1	10	2	9.85	7.94	7.93	0.36	2.63	1.91	1.43
2	10	2	18.41	17.61	-17.59	-0.83	182.69	0.80	0.94
-8	11	2	26.12	21.99	-21.97	-0.85	182.22	4.13	0.82
-7	11	2	9.57	8.97	8.96	0.39	2.49	0.60	1.66
-6	11	2	10.67	9.11	9.09	0.63	3.95	1.56	1.39
-5	11	2	11.44	9.43	-9.40	-0.65	183.96	2.02	1.35
-4	11	2	11.13	10.64	-10.64	-0.42	182.28	0.48	1.35
-3	11	2	34.66	30.30	30.28	1.00	1.90	4.36	0.73
-2	11	2	11.58	8.81	-8.81	-0.16	181.01	2.77	1.26
-1	11	2	15.51	13.89	-13.87	-0.80	183.31	1.62	1.06
0	11	2	8.06	6.60	6.59	0.44	3.82	1.46	1.31
1	11	2	14.54	12.58	12.57	0.62	2.83	1.96	1.14
-1	-13	3	11.98	11.28	-11.27	-0.54	182.76	0.70	1.55
5	-12	3	8.04	5.77	-5.74	0.60	174.06	2.27	1.78
-5	-11	3	12.62	10.78	10.76	0.73	3.86	1.83	1.44
-4	-11	3	10.46	10.82	-10.78	-0.85	184.49	-0.36	1.80
-2	-11	3	30.01	28.67	28.65	1.16	2.32	1.34	0.83
0	-11	3	15.73	16.99	-16.96	-1.10	183.71	-1.26	1.06
1	-11	3	8.95	9.30	9.27	0.73	4.49	-0.35	1.58
2	-11	3	8.21	7.69	7.66	0.73	5.45	0.52	1.69
3	-11	3	21.57	22.32	-22.29	-1.10	182.83	-0.75	0.88
4	-11	3	10.18	9.17	-9.17	-0.21	181.31	1.01	1.31
5	-11	3	25.36	23.72	23.69	1.14	2.75	1.63	0.80
7	-11	3	10.41	10.98	-10.95	-0.84	184.37	-0.58	1.41
8	-11	3	11.73	10.06	10.04	0.70	4.01	1.67	1.27
9	-11	3	9.10	8.51	8.50	0.42	2.80	0.59	1.65
-5	-10	3	12.25	9.53	9.51	0.71	4.24	2.72	1.51
-2	-10	3	9.00	10.20	10.16	0.92	5.17	-1.20	1.78
0	-10	3	13.97	14.58	-14.54	-1.01	183.96	-0.61	0.80
2	-10	3	13.86	14.05	14.02	0.83	3.37	-0.18	1.08
5	-10	3	12.00	12.34	12.31	0.94	4.37	-0.34	1.17
6	-10	3	11.62	9.41	-9.41	-0.07	180.40	2.20	1.15
7	-10	3	12.21	11.05	-11.02	-0.84	184.34	1.16	1.13
8	-10	3	9.18	8.35	8.34	0.42	2.88	0.83	1.47
-2	-9	3	10.73	10.44	10.42	0.73	4.02	0.29	1.48
1	-9	3	8.71	9.80	9.80	0.17	0.97	-1.09	1.55
2	-9	3	7.80	7.05	-7.01	0.75	173.86	0.75	1.64
-8	-8	3	23.56	23.41	23.40	0.77	1.88	0.15	1.15
-7	-8	3	20.30	19.92	-19.91	-0.83	182.38	0.38	1.17
-6	-8	3	11.95	11.89	-11.88	-0.44	182.13	0.06	1.64
-5	-8	3	25.32	24.97	24.94	1.17	2.69	0.36	1.02
-3	-8	3	40.15	41.27	-41.25	-1.26	181.75	-1.12	0.82
-2	-8	3	9.46	8.97	8.94	0.75	4.78	0.49	1.78
-1	-8	3	44.49	43.73	43.72	0.96	1.26	0.76	0.76
0	-8	3	40.24	39.12	-39.10	-1.26	181.85	1.13	1.25
1	-8	3	11.66	11.42	-11.41	-0.32	181.59	0.24	1.34
2	-8	3	52.15	53.26	53.24	1.43	1.54	-1.11	0.76
3	-8	3	20.48	22.10	-22.09	-0.40	181.04	-1.61	0.86
4	-8	3	30.91	31.59	-31.57	-1.14	182.08	-0.68	0.73
5	-8	3	20.77	21.21	21.20	0.88	2.38	-0.44	0.83
6	-8	3	14.58	13.93	13.92	0.62	2.54	0.65	0.96
7	-8	3	16.82	17.46	-17.43	-1.05	183.44	-0.64	0.91
9	-8	3	27.45	25.86	25.84	0.95	2.10	1.60	0.75
10	-8	3	11.68	10.73	-10.72	-0.38	182.05	0.95	1.19
11	-8	3	11.70	9.49	-9.47	-0.58	183.49	2.21	1.31
-8	-7	3	12.56	12.93	12.90	0.85	3.75	-0.36	1.62
-7	-7	3	13.97	13.04	-13.02	-0.64	182.81	0.93	1.44
-6	-7	3	31.98	28.57	-28.57	-0.72	181.44	3.40	0.92
-5	-7	3	16.02	17.57	17.54	1.08	3.51	-1.55	1.35
-4	-7	3	12.16	13.14	13.14	0.23	1.01	-0.98	1.62
-3	-7	3	46.51	45.99	-45.97	-1.35	181.68	0.52	0.82
-2	-7	3	28.21	25.75	25.75	0.46	1.03	2.46	0.90
-1	-7	3	27.36	27.39	27.36	1.19	2.48	-0.03	0.88
0	-7	3	30.42	29.37	-29.35	-1.04	182.03	1.05	0.59
1	-7	3	25.88	25.30	-25.29	-0.72	181.63	0.58	0.84
2	-7	3	28.53	29.80	29.77	1.36	2.61	-1.26	0.79
3	-7	3	24.91	24.40	24.40	0.08	0.19	0.51	0.78
4	-7	3	44.82	45.47	-45.45	-1.35	181.70	-0.65	0.69
5	-7	3	26.96	26.58	26.57	0.62	1.33	0.38	0.75
6	-7	3	24.23	23.69	23.67	0.94	2.27	0.54	0.77
7	-7	3	32.33	31.35	-31.33	-0.98	181.79	0.98	0.70
8	-7	3	9.75	9.92	-9.92	-0.39	182.24	-0.18	1.26
9	-7	3	18.24	16.90	16.87	0.98	3.32	1.34	0.84
11	-7	3	8.81	8.85	-8.81	-0.74	184.80	-0.03	1.63
-7	-6	3	16.12	15.32	-15.31	-0.41	181.53	0.80	1.42
-6	-6	3	16.07	17.03	17.02	-0.54	358.19	-0.96	1.40
-5	-6	3	11.85	10.72	10.69	0.73	3.91	1.14	1.76
-4	-6	3	23.04	22.58	-22.58	0.26	179.34	0.46	1.13
-1	-6	3	9.87	12.81	-12.78	0.89	176.01	-2.94	1.84
1	-6	3	11.53	10.63	10.61	-0.65	356.47	0.90	1.32
4	-6	3	8.48	9.32	9.28	-0.88	354.56	-0.84	1.59
5	-6	3	20.39	19.50	-19.50	0.11	179.69	0.89	0.80
7	-6	3	14.21	13.44	13.43	-0.42	358.23	0.77	0.95
8	-6	3	11.74	10.89	-10.88	-0.48	182.52	0.85	1.17
9	-6	3	7.71	7.01	6.99	0.59	4.80	0.70	1.60
-8	-5	3	14.86	15.56	15.53	0.98	3.63	-0.70	1.56
-6	-5	3	10.56	6.32	-6.22	-1.08	189.80	4.24	1.91

-4	-5	3	31.53	28.45	28.44	0.91	1.84	3.08	1.00
-3	-5	3	39.05	36.43	-36.41	-1.19	181.87	2.61	0.92
-2	-5	3	34.21	34.37	-34.37	-0.41	180.68	-0.16	0.95
-1	-5	3	39.11	37.56	37.53	1.40	2.14	1.55	0.87
0	-5	3	11.38	10.27	-10.27	-0.32	181.77	1.10	1.05
1	-5	3	35.25	34.14	-34.12	-1.24	182.08	1.11	0.85
2	-5	3	41.92	42.05	42.04	0.92	1.25	-0.13	0.82
3	-5	3	22.71	22.39	22.37	0.77	1.96	0.33	0.84
4	-5	3	34.76	35.20	-35.18	-1.20	181.95	-0.45	0.73
5	-5	3	10.48	10.17	10.17	-0.12	359.34	0.31	1.26
7	-5	3	6.49	7.04	-7.03	-0.37	183.04	-0.54	1.84
8	-5	3	11.04	11.07	-11.04	-0.77	184.00	-0.03	1.15
10	-5	3	8.78	7.75	7.75	0.36	2.66	1.02	1.53
-11	-4	3	15.11	12.23	12.21	0.83	3.89	2.87	1.45
-9	-4	3	20.98	21.91	-21.89	-0.77	182.03	-0.93	1.20
-8	-4	3	34.93	32.77	32.75	1.08	1.88	2.17	0.97
-7	-4	3	20.28	20.24	20.23	0.37	1.05	0.04	1.25
-6	-4	3	57.01	54.10	-54.08	-1.45	181.53	2.91	0.89
-4	-4	3	45.11	42.05	42.02	1.41	1.92	3.07	0.94
-3	-4	3	42.64	40.25	-40.24	-1.11	181.58	2.39	0.97
-2	-4	3	7.52	4.76	-4.67	-0.91	190.99	2.77	2.77
-1	-4	3	79.12	71.10	71.08	1.64	1.32	8.02	1.38
0	-4	3	16.49	14.17	14.17	0.18	0.72	2.32	1.82
1	-4	3	60.75	59.19	-59.17	-1.70	181.65	1.56	1.13
3	-4	3	41.85	40.64	40.62	1.31	1.85	1.21	0.80
4	-4	3	47.16	48.34	-48.32	-1.26	181.50	-1.17	0.82
5	-4	3	22.43	22.41	-22.40	-0.62	181.59	0.02	0.80
6	-4	3	55.06	56.24	56.22	1.44	1.47	-1.18	0.77
7	-4	3	7.30	7.54	-7.54	-0.12	180.91	-0.24	1.59
8	-4	3	37.75	38.33	-38.32	-1.18	181.77	-0.58	0.69
9	-4	3	18.60	20.81	20.80	0.63	1.74	-2.21	0.87
11	-4	3	16.77	15.89	-15.87	-0.79	182.84	0.88	1.00
-7	-3	3	9.84	9.25	-9.24	0.36	177.79	0.59	2.23
-6	-3	3	13.31	14.00	13.97	-0.91	356.26	-0.69	1.76
-5	-3	3	15.34	16.25	16.25	0.06	0.22	-0.91	1.61
-4	-3	3	21.11	18.71	18.68	1.06	3.25	2.40	1.27
-2	-3	3	9.40	9.73	-9.70	-0.86	185.04	-0.33	2.51
-1	-3	3	23.58	19.52	-19.49	0.94	177.24	4.06	1.25
0	-3	3	29.10	23.61	-23.61	0.38	179.08	5.49	0.77
2	-3	3	10.95	12.14	12.14	0.14	0.66	-1.20	1.52
3	-3	3	29.08	27.22	27.20	1.08	2.26	1.86	0.82
5	-3	3	7.54	6.16	6.12	-0.67	353.73	1.38	1.64
6	-3	3	9.88	8.21	-8.17	0.81	174.36	1.67	1.23
8	-3	3	9.94	8.87	-8.83	-0.83	185.35	1.07	1.27
-4	-2	3	9.33	7.65	-7.56	1.16	171.30	1.68	2.30
-3	-2	3	26.16	18.41	18.41	-0.20	359.39	7.75	1.19
-2	-2	3	40.14	28.80	-28.77	-1.15	182.29	11.34	1.12
-1	-2	3	28.16	18.75	18.73	0.78	2.38	9.41	1.24
0	-2	3	33.60	23.60	23.58	0.79	1.92	10.00	0.94
1	-2	3	26.15	16.25	-16.21	-1.12	183.96	9.90	1.17
2	-2	3	39.79	36.77	36.77	-0.18	359.73	3.02	0.99
5	-2	3	17.16	16.65	16.63	-0.84	357.11	0.51	0.91
6	-2	3	9.07	9.81	-9.79	0.62	176.37	-0.74	1.47
10	-2	3	8.02	9.46	-9.44	0.58	176.46	-1.44	1.90
-12	-1	3	20.96	19.28	-19.27	-0.69	182.06	1.68	1.16
-11	-1	3	13.05	13.13	13.10	0.83	3.60	-0.08	1.50
-9	-1	3	40.27	39.25	-39.23	-1.26	181.84	1.02	0.85
-7	-1	3	54.82	53.61	53.59	1.37	1.47	1.21	0.87
-6	-1	3	33.35	32.28	-32.26	-0.96	181.70	1.07	0.93
-5	-1	3	35.05	32.28	-32.27	-1.01	181.79	2.77	0.96
-4	-1	3	78.13	72.35	72.33	1.59	1.26	5.78	1.29
-3	-1	3	45.55	38.74	-38.74	0.23	179.66	6.81	1.08
-2	-1	3	27.40	25.39	-25.33	-1.74	183.92	2.01	1.17
-1	-1	3	20.93	15.58	15.57	0.59	2.17	5.36	1.37
0	-1	3	38.58	30.40	30.36	1.46	2.76	8.18	0.82
1	-1	3	16.28	14.50	14.45	-1.25	355.07	1.78	1.59
2	-1	3	73.76	63.34	-63.33	-0.85	180.77	10.42	1.31
3	-1	3	55.38	54.95	54.93	1.62	1.69	0.43	1.00
5	-1	3	45.32	47.32	-47.30	-1.45	181.76	-2.01	0.70
6	-1	3	26.80	30.29	30.28	0.71	1.35	-3.50	0.77
7	-1	3	28.45	31.38	31.36	0.95	1.73	-2.93	0.79
8	-1	3	20.07	21.71	-21.69	-0.99	182.61	-1.64	0.94
10	-1	3	17.79	16.32	16.29	0.94	3.29	1.47	1.04
11	-1	3	11.77	9.78	-9.78	-0.19	181.09	1.99	1.53
-10	0	3	11.21	10.74	10.73	0.46	2.43	0.47	1.58
-9	0	3	16.31	17.00	-16.98	-0.90	183.04	-0.70	1.20
-6	0	3	15.87	14.35	-14.34	-0.48	181.92	1.53	1.30
-5	0	3	27.72	27.08	-27.06	-1.00	182.13	0.65	0.94
-4	0	3	19.40	19.56	19.54	1.01	2.97	-0.17	1.12
-3	0	3	56.81	50.07	50.07	0.61	0.70	6.74	1.12
-2	0	3	65.75	60.51	-60.50	-1.38	181.31	5.24	1.36
-1	0	3	10.50	7.89	-7.89	0.05	179.62	2.61	1.83
0	0	3	49.03	41.71	41.69	1.34	1.85	7.31	0.77
1	0	3	63.07	57.90	-57.89	-0.75	180.75	5.18	1.20
2	0	3	20.09	17.39	-17.37	-0.95	183.14	2.70	1.02
3	0	3	37.38	38.03	38.01	1.13	1.70	-0.65	0.79
4	0	3	22.33	22.71	22.70	0.40	1.01	-0.38	0.92
7	0	3	21.92	20.95	20.93	0.94	2.57	0.97	1.04
8	0	3	15.81	15.31	-15.30	-0.59	182.23	0.50	1.24
-9	1	3	10.66	11.89	-11.87	-0.69	183.32	-1.23	1.64
-5	1	3	21.53	20.85	-20.83	-0.96	182.63	0.68	0.98
-4	1	3	20.72	18.08	18.07	0.62	1.96	2.63	0.99
-3	1	3	17.58	17.15	17.13	0.72	2.42	0.43	1.06
-2	1	3	32.77	32.80	-32.79	-0.99	181.73	-0.03	0.88
-1	1	3	11.42	11.38	-11.38	-0.28	181.41	0.04	1.44
0	1	3	30.94	29.82	29.80	1.10	2.11	1.13	0.61

2	1	3	30.61	28.84	-28.82	-0.95	181.89	1.78	0.75
3	1	3	13.28	13.50	13.49	0.63	2.66	-0.22	1.02
7	1	3	10.17	9.65	9.62	0.75	4.46	0.52	2.18
8	1	3	14.61	11.86	11.86	-0.14	359.32	2.74	1.60
-13	2	3	9.88	9.05	9.05	0.32	2.03	0.83	1.95
-12	2	3	14.37	13.20	-13.17	-0.87	183.79	1.17	1.32
-11	2	3	9.11	7.32	-7.32	0.07	179.43	1.79	1.77
-10	2	3	33.40	33.32	33.30	1.06	1.82	0.08	0.81
-9	2	3	18.88	20.24	-20.22	-0.69	181.96	-1.35	1.00
-8	2	3	32.76	33.39	-33.37	-0.88	181.51	-0.63	0.79
-7	2	3	52.27	53.04	53.02	1.27	1.37	-0.77	0.80
-6	2	3	10.03	11.93	11.93	0.33	1.58	-1.90	1.56
-5	2	3	48.06	48.81	-48.79	-1.53	181.79	-0.76	0.83
-4	2	3	31.84	34.64	34.63	0.46	0.76	-2.80	0.80
-3	2	3	32.19	31.62	31.59	1.37	2.49	0.57	0.83
-2	2	3	47.23	46.40	-46.38	-1.14	181.41	0.83	0.92
-1	2	3	40.82	39.75	-39.74	-0.87	181.25	1.07	0.83
0	2	3	33.77	32.59	32.56	1.50	2.64	1.18	0.54
1	2	3	16.12	15.08	15.08	0.11	0.41	1.04	0.90
2	2	3	63.54	61.91	-61.90	-1.51	181.39	1.62	0.91
3	2	3	12.82	14.04	14.03	0.60	2.45	-1.22	1.12
4	2	3	41.56	44.37	44.35	1.09	1.40	-2.80	0.71
5	2	3	36.49	40.48	-40.47	-1.05	181.49	-3.99	0.76
6	2	3	11.83	12.09	-12.08	-0.46	182.17	-0.25	1.53
7	2	3	39.92	38.27	38.25	1.10	1.65	1.65	0.91
10	2	3	13.56	10.54	10.53	0.43	2.35	3.01	1.80
-12	3	3	11.66	10.32	-10.30	-0.71	183.97	1.34	1.53
-10	3	3	14.41	13.11	13.08	0.96	4.21	1.30	1.13
-6	3	3	21.98	21.96	21.95	0.66	1.73	0.02	0.88
-5	3	3	40.16	40.94	-40.91	-1.35	181.89	-0.77	0.73
-4	3	3	17.23	18.00	-18.00	-0.06	180.20	-0.78	0.97
-3	3	3	49.51	49.57	49.55	1.46	1.69	-0.06	0.83
-1	3	3	15.75	15.95	-15.91	-1.10	183.97	-0.19	0.94
0	3	3	47.27	48.57	48.56	1.25	1.47	-1.31	1.42
2	3	3	54.50	54.96	-54.94	-1.44	181.50	-0.46	0.77
3	3	3	9.69	10.97	10.96	0.20	1.05	-1.28	1.40
5	3	3	11.36	14.60	-14.58	-0.71	182.81	-3.24	1.32
7	3	3	16.59	17.64	17.62	0.92	3.00	-1.05	1.28
9	3	3	16.30	14.84	-14.81	-0.83	183.22	1.46	1.51
-9	4	3	11.99	13.29	-13.29	-0.10	180.45	-1.30	1.31
-8	4	3	10.66	12.27	12.26	-0.69	356.78	-1.61	1.32
-6	4	3	18.36	19.72	-19.71	0.56	178.37	-1.36	0.96
-5	4	3	32.21	33.19	33.18	-0.70	358.79	-0.98	0.75
-4	4	3	16.65	17.33	17.33	-0.25	359.18	-0.68	0.97
-3	4	3	13.54	14.69	-14.66	0.91	176.44	-1.15	1.08
-2	4	3	8.13	8.20	8.20	-0.13	359.09	-0.06	1.77
-1	4	3	15.80	17.06	17.04	-0.85	357.14	-1.27	0.96
0	4	3	20.62	21.15	-21.14	0.51	178.62	-0.52	0.68
1	4	3	19.28	19.94	-19.93	0.56	178.39	-0.65	0.81
2	4	3	25.05	26.40	26.39	-0.73	358.41	-1.35	0.74
3	4	3	7.00	7.43	-7.43	-0.22	181.72	-0.43	1.70
4	4	3	14.39	16.68	-16.66	0.76	177.40	-2.29	1.09
5	4	3	8.69	10.76	10.76	-0.14	359.28	-2.07	1.72
-8	5	3	16.73	17.84	-17.81	-1.06	183.39	-1.11	0.98
-6	5	3	19.56	20.47	20.44	1.05	2.93	-0.91	0.88
-5	5	3	24.06	23.07	-23.05	-0.80	182.00	0.99	0.78
-4	5	3	6.73	5.68	5.64	-0.68	353.12	1.05	2.04
0	5	3	7.01	7.79	-7.78	0.39	177.15	-0.78	1.35
1	5	3	26.09	26.74	26.72	1.00	2.14	-0.65	0.72
2	5	3	9.94	10.15	-10.12	-0.83	184.69	-0.22	1.31
4	5	3	7.15	8.60	8.55	0.96	6.38	-1.46	1.74
5	5	3	8.28	6.60	-6.60	-0.01	180.10	1.68	1.62
-11	6	3	23.48	22.97	-22.96	-0.84	182.09	0.50	0.96
-10	6	3	16.89	15.89	15.87	0.67	2.43	1.00	1.00
-9	6	3	13.14	11.49	11.48	0.60	3.01	1.65	1.15
-8	6	3	23.83	24.19	-24.17	-1.10	182.60	-0.36	0.82
-6	6	3	34.88	36.27	36.25	1.30	2.06	-1.40	0.71
-5	6	3	9.60	10.28	-10.27	-0.53	182.94	-0.68	1.43
-4	6	3	48.49	50.84	-50.83	-1.15	181.30	-2.35	0.72
-3	6	3	40.33	41.22	41.20	1.14	1.58	-0.89	0.68
-2	6	3	22.84	23.26	23.25	0.59	1.46	-0.42	0.78
-1	6	3	43.23	46.02	-45.99	-1.41	181.76	-2.78	0.66
0	6	3	26.40	27.80	27.80	0.18	0.36	-1.40	0.71
1	6	3	37.70	38.91	38.89	1.29	1.90	-1.21	0.67
2	6	3	22.71	23.18	-23.16	-0.73	181.80	-0.46	0.76
3	6	3	17.82	18.86	-18.84	-0.82	182.50	-1.04	0.91
4	6	3	15.07	17.23	17.20	1.00	3.34	-2.16	1.02
6	6	3	23.05	24.73	-24.71	-1.00	182.32	-1.68	0.98
-10	7	3	11.34	9.51	9.50	0.31	1.88	1.83	1.31
-8	7	3	9.94	10.24	-10.22	-0.61	183.42	-0.30	1.38
-5	7	3	8.89	9.02	-9.02	-0.10	180.65	-0.13	1.57
-3	7	3	8.71	8.47	8.46	0.49	3.33	0.24	1.44
-2	7	3	10.63	10.47	10.45	0.62	3.42	0.16	1.20
-1	7	3	6.86	5.02	-4.96	-0.76	188.74	1.84	1.87
0	7	3	12.65	11.38	-11.37	-0.26	181.33	1.28	0.75
1	7	3	11.69	11.79	11.76	0.86	4.17	-0.10	1.12
4	7	3	7.97	7.13	7.11	0.47	3.77	0.84	1.73
5	7	3	15.21	13.23	13.22	0.44	1.90	1.98	1.13
6	7	3	10.67	8.75	-8.73	-0.58	183.79	1.93	1.61
-9	8	3	10.32	9.59	9.57	0.66	3.98	0.73	1.53
-8	8	3	9.09	7.21	-7.20	-0.47	183.75	1.87	1.53
-7	8	3	10.01	8.86	-8.84	-0.52	183.34	1.15	1.43
-6	8	3	12.38	11.23	11.20	0.77	3.92	1.15	1.09
-4	8	3	17.14	16.57	-16.54	-0.89	183.09	0.57	0.93
-2	8	3	10.84	9.42	9.39	0.77	4.70	1.42	1.19
1	8	3	16.37	15.53	15.51	0.79	2.90	0.84	0.91

-9	9	3	16.70	15.51	15.48	0.93	3.45	1.20	1.01
-7	9	3	20.73	19.03	-19.01	-0.88	182.65	1.70	0.87
-6	9	3	19.96	19.34	19.32	0.82	2.44	0.62	0.90
-5	9	3	13.14	11.45	11.43	0.53	2.64	1.70	1.11
-4	9	3	27.95	27.17	-27.14	-1.13	182.38	0.79	0.77
-2	9	3	21.83	20.30	20.27	1.10	3.11	1.53	0.83
-1	9	3	19.69	17.48	-17.47	-0.58	181.89	2.22	0.86
0	9	3	17.93	16.80	-16.78	-0.80	182.72	1.13	0.64
1	9	3	27.34	24.68	24.66	0.92	2.14	2.67	0.78
3	9	3	15.23	14.90	-14.87	-0.94	183.62	0.33	1.10
-2	11	3	9.07	8.23	-8.21	0.49	176.61	0.85	1.62
-1	-13	4	17.09	17.22	17.20	0.89	2.96	-0.13	1.24
0	-13	4	8.96	8.68	-8.66	-0.57	183.78	0.28	1.47
2	-13	4	10.57	10.35	10.32	0.74	4.12	0.22	1.57
4	-13	4	18.66	17.12	-17.09	-0.93	183.10	1.54	1.03
5	-13	4	14.67	13.15	13.15	0.32	1.40	1.52	1.18
-4	-12	4	21.04	18.22	18.20	0.71	2.23	2.83	1.11
-3	-12	4	32.23	28.81	-28.79	-1.02	182.02	3.42	0.89
-2	-12	4	8.69	7.18	7.18	-0.13	358.93	1.51	1.97
1	-12	4	20.52	20.62	-20.59	-1.05	182.92	-0.10	0.97
2	-12	4	15.72	16.70	16.68	0.87	2.97	-0.98	1.12
5	-12	4	14.85	13.65	-13.65	-0.15	180.62	1.20	1.08
6	-12	4	31.32	29.13	29.11	1.09	2.15	2.19	0.80
7	-12	4	10.89	8.79	-8.78	-0.48	183.11	2.10	1.44
-4	-11	4	9.85	9.68	-9.67	0.42	177.49	0.16	1.96
-3	-11	4	10.29	9.11	9.09	-0.53	356.68	1.18	1.81
0	-11	4	15.09	13.16	-13.16	-0.19	180.82	1.93	1.39
2	-11	4	8.09	8.35	-8.34	0.35	177.59	-0.25	1.86
5	-11	4	16.27	16.69	16.69	-0.10	359.65	-0.42	1.02
-4	-10	4	17.50	17.67	17.65	0.90	2.93	-0.17	1.17
-3	-10	4	12.35	13.95	-13.94	-0.60	182.47	-1.60	1.52
-1	-10	4	12.05	10.67	-10.65	0.74	176.04	1.37	1.36
0	-10	4	16.72	16.11	16.11	0.33	1.16	0.61	0.73
1	-10	4	30.84	31.14	-31.12	-1.09	182.00	-0.30	0.78
2	-10	4	19.41	19.45	19.45	0.34	1.02	-0.04	0.91
3	-10	4	7.91	8.45	-8.42	0.71	175.15	-0.54	1.70
5	-10	4	11.28	11.63	-11.62	-0.56	182.75	-0.36	1.32
6	-10	4	8.34	7.64	7.59	0.82	6.13	0.70	1.66
-7	-9	4	34.89	33.13	33.12	0.87	1.50	1.76	0.92
-6	-9	4	27.51	27.36	-27.34	-1.06	182.21	0.14	1.04
-5	-9	4	13.12	14.55	-14.54	-0.32	181.25	-1.43	1.48
-4	-9	4	49.60	47.42	47.40	1.29	1.56	2.18	0.81
-2	-9	4	51.25	51.04	-51.02	-1.38	181.55	0.21	0.78
-1	-9	4	42.29	41.64	41.63	1.05	1.44	0.65	0.78
0	-9	4	12.41	13.17	13.15	0.76	3.29	-0.76	0.91
1	-9	4	31.79	32.60	-32.58	-1.30	182.28	-0.81	0.78
2	-9	4	30.99	30.05	-30.05	-0.29	180.56	0.94	0.76
3	-9	4	50.99	51.87	51.85	1.51	1.67	-0.89	0.73
4	-9	4	16.35	16.49	-16.48	-0.59	182.06	-0.14	0.97
5	-9	4	40.20	40.54	-40.53	-1.04	181.47	-0.35	0.72
6	-9	4	30.06	30.36	30.34	0.94	1.77	-0.30	0.74
7	-9	4	23.16	22.03	22.02	0.58	1.51	1.13	0.79
8	-9	4	35.41	34.67	-34.65	-1.16	181.92	0.74	0.73
9	-9	4	10.51	9.11	9.10	0.15	0.92	1.41	1.37
10	-9	4	19.61	18.93	18.91	0.82	2.48	0.68	0.92
-9	-8	4	13.15	11.06	-11.04	-0.75	183.86	2.09	1.63
-8	-8	4	14.71	13.16	13.15	0.38	1.64	1.56	1.48
-5	-8	4	17.06	17.16	-17.15	-0.53	181.77	-0.10	1.28
-4	-8	4	25.18	24.29	24.26	1.09	2.57	0.89	0.99
0	-8	4	57.69	58.29	58.28	1.04	1.02	-0.59	0.82
1	-8	4	51.07	52.07	-52.06	-1.10	181.21	-1.00	0.76
5	-8	4	33.26	33.94	-33.92	-1.10	181.85	-0.68	0.72
6	-8	4	21.54	21.43	21.42	0.65	1.73	0.11	0.81
9	-8	4	7.95	7.92	-7.91	-0.27	181.98	0.03	1.71
10	-8	4	15.63	15.10	15.08	0.79	2.99	0.53	0.99
-6	-7	4	13.49	15.38	-15.37	-0.57	182.11	-1.89	1.54
-5	-7	4	22.61	24.16	24.16	-0.46	358.90	-1.56	1.14
-1	-7	4	16.27	14.50	14.49	0.31	1.24	1.77	1.21
0	-7	4	28.33	28.00	-27.99	0.76	178.44	0.32	1.16
1	-7	4	10.90	8.20	8.19	-0.54	356.23	2.69	1.43
5	-7	4	10.48	10.32	10.29	-0.75	355.80	0.16	1.25
6	-7	4	21.34	19.63	-19.63	0.12	179.66	1.71	0.80
-10	-6	4	13.83	13.51	13.49	0.76	3.22	0.32	1.71
-9	-6	4	12.97	14.05	-14.02	-0.90	183.67	-1.08	1.68
-6	-6	4	13.19	13.34	13.34	-0.09	359.62	-0.14	1.55
-5	-6	4	49.52	47.02	-46.99	-1.40	181.70	2.51	0.86
-4	-6	4	27.46	26.38	26.36	0.97	2.10	1.08	0.99
-1	-6	4	13.32	10.91	-10.91	-0.36	181.87	2.40	1.50
0	-6	4	67.42	64.11	64.09	1.71	1.52	3.31	0.70
1	-6	4	14.16	11.83	-11.81	-0.58	182.81	2.33	1.20
4	-6	4	22.64	21.44	21.43	0.77	2.05	1.20	0.85
5	-6	4	48.21	48.59	-48.57	-1.44	181.69	-0.38	0.73
6	-6	4	11.70	9.86	9.86	0.09	0.51	1.84	1.09
7	-6	4	8.19	7.28	7.20	1.05	8.32	0.91	1.51
9	-6	4	12.90	12.59	-12.57	-0.78	183.54	0.31	1.03
10	-6	4	14.82	14.56	14.54	0.80	3.16	0.25	1.03
-8	-5	4	14.13	12.70	-12.68	-0.65	182.94	1.43	1.43
-7	-5	4	9.94	11.37	11.32	1.12	5.64	-1.43	1.99
-5	-5	4	13.31	13.61	-13.56	-1.20	185.08	-0.30	1.69
-4	-5	4	9.17	7.81	-7.80	0.41	177.02	1.36	2.40
-3	-5	4	31.35	27.89	27.86	1.24	2.55	3.47	1.00
-2	-5	4	26.28	22.85	-22.82	-1.20	183.01	3.43	1.07
-1	-5	4	14.83	12.07	12.05	-0.54	357.43	2.76	1.36
0	-5	4	25.22	24.70	24.66	1.39	3.22	0.52	0.69
1	-5	4	24.67	22.38	22.38	0.06	0.16	2.30	0.95
2	-5	4	26.87	24.55	-24.51	-1.49	183.47	2.31	0.88

3	-5	4	27.71	24.39	24.37	0.81	1.91	3.32	0.82
5	-5	4	20.25	19.50	-19.47	-1.05	183.09	0.75	0.82
6	-5	4	8.80	9.77	-9.76	-0.45	182.61	-0.97	1.38
7	-5	4	17.30	16.96	16.91	1.21	4.08	0.35	0.85
8	-5	4	10.20	10.43	-10.43	-0.27	181.50	-0.23	1.27
11	-5	4	11.68	10.56	10.55	0.53	2.86	1.12	1.25
-10	-4	4	15.09	16.98	16.97	0.71	2.38	-1.89	1.56
-9	-4	4	13.26	11.73	-11.72	-0.47	182.32	1.53	1.53
-8	-4	4	14.91	12.66	12.66	-0.44	358.00	2.24	1.44
-6	-4	4	15.92	16.92	-16.92	0.29	179.03	-1.00	1.46
-5	-4	4	27.42	24.70	-24.68	-1.06	182.46	2.72	1.07
-4	-4	4	19.53	17.83	17.83	0.27	0.88	1.70	1.32
-3	-4	4	34.38	30.14	-30.13	0.80	178.47	4.24	1.01
-2	-4	4	35.92	30.73	30.73	-0.49	359.08	5.19	0.99
-1	-4	4	26.62	20.52	-20.51	-0.78	182.19	6.10	1.07
0	-4	4	39.74	33.59	33.58	1.06	1.81	6.15	0.70
1	-4	4	42.57	34.17	-34.17	0.11	179.82	8.40	0.89
2	-4	4	39.35	34.86	34.85	-0.87	358.57	4.49	0.84
3	-4	4	9.38	8.69	-8.68	0.13	179.11	0.69	1.65
4	-4	4	22.69	18.38	18.35	0.94	2.92	4.32	0.80
5	-4	4	13.66	13.04	13.02	-0.60	357.35	0.63	1.04
7	-4	4	16.82	15.75	-15.74	0.60	177.83	1.07	0.86
8	-4	4	6.94	6.01	6.01	0.19	1.85	0.93	1.73
9	-4	4	18.44	17.11	-17.10	-0.73	182.44	1.32	0.84
-12	-3	4	15.84	13.89	-13.88	-0.68	182.82	1.95	1.43
-10	-3	4	10.59	10.16	10.12	0.89	5.02	0.43	1.84
-8	-3	4	37.70	35.88	-35.86	-1.18	181.89	1.81	0.89
-7	-3	4	11.92	10.77	10.74	0.76	4.07	1.15	1.68
-6	-3	4	40.45	40.34	40.34	0.85	1.20	0.11	0.93
-5	-3	4	49.61	46.11	-46.10	-1.20	181.50	3.50	0.90
-4	-3	4	40.47	36.54	-36.54	-0.44	180.69	3.92	0.95
-3	-3	4	75.01	66.41	66.39	1.61	1.39	8.60	1.15
-2	-3	4	59.06	50.00	-50.00	-0.54	180.62	9.06	1.14
-1	-3	4	58.51	49.69	-49.68	-1.27	181.46	8.82	1.14
0	-3	4	36.19	31.07	31.05	0.97	1.79	5.12	0.70
1	-3	4	86.03	68.86	68.86	0.94	0.78	17.17	1.35
2	-3	4	59.46	53.44	-53.42	-1.48	181.59	6.03	0.97
3	-3	4	17.60	18.17	18.17	0.01	0.04	-0.57	1.09
4	-3	4	47.95	47.44	47.42	1.27	1.53	0.51	0.78
5	-3	4	27.32	26.76	-26.76	-0.48	181.02	0.56	0.75
6	-3	4	21.84	22.07	-22.04	-0.98	182.55	-0.23	0.78
7	-3	4	23.71	23.00	22.98	0.92	2.28	0.71	0.74
10	-3	4	8.49	7.40	-7.40	-0.02	180.17	1.09	1.61
11	-3	4	13.00	12.80	12.78	0.70	3.13	0.20	1.22
-11	-2	4	26.22	26.73	-26.72	-0.72	181.55	-0.50	1.14
-10	-2	4	40.22	39.44	39.43	1.08	1.57	0.78	0.89
-8	-2	4	30.30	30.06	-30.04	-1.24	182.36	0.24	0.94
-7	-2	4	12.89	12.56	12.56	0.34	1.56	0.32	1.62
-6	-2	4	62.40	59.91	59.89	1.41	1.34	2.49	0.95
-5	-2	4	64.19	59.98	-59.97	-1.24	181.18	4.21	1.00
-4	-2	4	20.05	19.79	-19.77	-0.76	182.19	0.26	1.24
-3	-2	4	30.01	27.45	27.41	1.52	3.17	2.55	1.03
-2	-2	4	22.49	17.36	17.36	0.17	0.56	5.13	1.18
-1	-2	4	164.57	121.46	-121.45	-1.89	180.89	43.11	2.43
0	-2	4	63.15	47.68	47.67	0.89	1.06	15.47	2.19
1	-2	4	30.99	27.59	27.56	1.21	2.52	3.40	1.05
2	-2	4	31.66	27.77	-27.74	-1.28	182.64	3.90	0.99
3	-2	4	39.85	37.51	-37.51	-0.69	181.06	2.33	0.89
4	-2	4	76.94	79.15	79.13	1.68	1.22	-2.21	1.00
6	-2	4	33.46	33.62	-33.60	-1.21	182.07	-0.15	0.69
7	-2	4	19.27	18.71	18.70	0.69	2.12	0.56	0.79
8	-2	4	29.12	29.43	29.42	0.83	1.61	-0.31	0.74
9	-2	4	37.83	37.30	-37.29	-1.05	181.62	0.53	0.71
-12	-1	4	14.30	12.37	-12.37	-0.36	181.68	1.92	1.53
-8	-1	4	9.41	8.04	7.99	-0.89	353.62	1.38	1.90
-7	-1	4	22.44	23.92	23.91	0.21	0.49	-1.48	1.06
-6	-1	4	13.07	11.84	-11.81	0.84	175.94	1.22	1.54
-4	-1	4	28.16	25.47	-25.45	-0.87	181.95	2.70	0.99
-2	-1	4	20.37	15.88	-15.88	0.23	179.16	4.49	1.14
-1	-1	4	9.07	5.73	5.63	-1.05	349.42	3.35	2.20
0	-1	4	9.33	6.35	-6.35	0.10	179.05	2.98	1.68
1	-1	4	17.07	13.85	13.80	1.13	4.66	3.22	1.30
2	-1	4	23.48	18.61	-18.60	-0.76	182.34	4.87	1.10
4	-1	4	10.83	12.13	-12.10	0.81	176.19	-1.30	1.92
5	-1	4	17.52	18.28	18.28	0.31	0.97	-0.77	0.92
10	-1	4	13.66	13.76	-13.75	-0.42	181.77	-0.09	1.28
-9	0	4	7.95	5.07	-5.04	0.55	173.73	2.89	2.04
-7	0	4	18.04	17.94	-17.94	-0.37	181.19	0.10	1.18
-6	0	4	33.52	32.77	32.74	1.26	2.21	0.75	0.88
-4	0	4	35.27	33.87	33.86	-0.95	358.39	1.39	0.89
-2	0	4	27.54	23.86	23.85	0.84	2.01	3.68	0.95
-1	0	4	62.64	50.43	-50.41	-1.32	181.50	12.21	1.10
1	0	4	34.49	31.73	-31.71	1.07	178.07	2.75	0.83
2	0	4	10.57	10.57	10.57	-0.30	358.38	-0.01	1.56
3	0	4	18.25	18.85	-18.82	-1.03	183.14	-0.59	1.03
4	0	4	26.44	26.81	26.79	0.89	1.90	-0.37	0.84
5	0	4	7.39	7.05	-7.04	0.40	176.75	0.33	1.66
-13	1	4	17.36	15.56	15.54	0.77	2.84	1.80	1.30
-11	1	4	25.05	26.05	-26.03	-1.02	182.25	-1.00	1.02
-9	1	4	36.33	35.25	35.23	1.22	1.99	1.09	0.81
-8	1	4	21.28	23.57	-23.55	-0.96	182.34	-2.29	1.04
-6	1	4	43.90	44.14	44.12	1.40	1.82	-0.24	0.78
-5	1	4	15.93	17.19	17.19	0.27	0.91	-1.26	1.20
-4	1	4	46.89	47.42	-47.39	-1.74	182.10	-0.54	0.88
-3	1	4	30.16	29.04	29.04	0.74	1.47	1.12	0.86
-2	1	4	10.96	10.58	10.50	1.27	6.89	0.38	1.44

-1	1	4	19.46	20.25	-20.21	-1.24	183.51	-0.79	0.96
0	1	4	38.72	36.74	-36.73	-0.82	181.28	1.98	0.57
1	1	4	50.28	48.82	48.79	1.73	2.03	1.46	0.86
2	1	4	8.98	8.02	-8.02	-0.19	181.35	0.95	1.52
3	1	4	40.77	39.23	-39.20	-1.41	182.06	1.54	0.71
4	1	4	9.91	10.52	10.49	0.71	3.85	-0.61	1.26
5	1	4	29.74	30.45	30.44	1.02	1.92	-0.72	0.73
6	1	4	32.26	34.50	-34.48	-1.20	181.99	-2.24	0.81
8	1	4	23.66	23.79	23.77	1.01	2.44	-0.13	1.28
-11	2	4	14.85	14.99	-14.97	-0.80	183.06	-0.14	1.29
-7	2	4	10.65	13.07	-13.04	-0.87	183.81	-2.42	1.50
-6	2	4	17.41	17.29	17.26	0.99	3.29	0.13	1.07
-5	2	4	10.28	8.62	8.61	0.37	2.46	1.66	1.46
-3	2	4	25.92	24.75	-24.75	0.01	179.97	1.17	0.83
-2	2	4	65.13	65.76	65.75	1.34	1.17	-0.63	0.97
-1	2	4	44.96	43.58	-43.57	-0.83	181.09	1.39	0.80
0	2	4	18.97	16.77	16.75	-0.72	357.54	2.20	0.65
1	2	4	8.45	9.64	9.59	1.00	5.94	-1.18	1.50
3	2	4	24.99	25.37	-25.34	-1.23	182.77	-0.38	0.75
7	2	4	8.52	9.62	-9.61	-0.55	183.30	-1.10	2.10
8	2	4	16.82	17.72	17.71	0.81	2.61	-0.91	1.41
-12	3	4	11.14	10.78	-10.78	0.32	178.31	0.36	1.66
-7	3	4	10.78	9.03	-8.99	-0.77	184.89	1.76	1.37
-4	3	4	10.68	8.39	-8.33	-0.99	186.79	2.30	1.38
-3	3	4	34.51	34.84	34.84	-0.06	359.90	-0.32	0.75
-2	3	4	8.88	8.48	-8.43	0.93	173.69	0.40	1.67
-1	3	4	29.34	27.41	27.41	-0.15	359.69	1.93	0.74
0	3	4	22.16	20.62	-20.60	-0.98	182.72	1.54	0.68
2	3	4	6.66	6.34	-6.33	0.44	176.01	0.32	1.75
7	3	4	9.09	8.39	8.38	-0.46	356.85	0.69	1.76
8	3	4	15.27	13.61	-13.61	0.32	178.66	1.65	1.36
-12	4	4	32.81	28.78	28.76	0.92	1.83	4.04	0.86
-11	4	4	21.42	21.91	-21.90	-0.68	181.78	-0.50	0.99
-10	4	4	15.13	14.80	-14.78	-0.63	182.42	0.33	1.13
-9	4	4	15.88	16.85	16.83	1.00	3.40	-0.97	1.11
-7	4	4	45.58	47.10	-47.08	-1.42	181.73	-1.52	0.71
-6	4	4	23.26	24.05	24.05	0.54	1.29	-0.79	0.83
-5	4	4	17.72	18.35	18.32	1.12	3.50	-0.64	0.93
-4	4	4	8.60	11.32	-11.28	-0.98	184.96	-2.72	1.72
-3	4	4	35.54	35.55	-35.54	-0.82	181.32	-0.01	0.73
-2	4	4	55.35	57.40	57.38	1.56	1.56	-2.05	0.78
-1	4	4	17.57	15.55	-15.55	-0.09	180.35	2.01	0.89
0	4	4	13.86	13.82	-13.76	-1.30	185.39	0.04	0.70
1	4	4	8.51	8.66	8.64	0.58	3.86	-0.15	1.41
2	4	4	41.06	40.58	40.57	1.10	1.56	0.48	0.66
3	4	4	29.48	29.84	-29.82	-1.14	182.19	-0.36	0.71
5	4	4	15.29	15.60	15.57	1.03	3.80	-0.31	1.01
7	4	4	23.58	24.70	-24.68	-0.93	182.15	-1.12	0.97
8	4	4	20.03	18.35	18.34	0.58	1.81	1.68	1.16
-12	5	4	10.19	7.09	7.06	0.67	5.45	3.10	1.60
-10	5	4	14.87	13.36	-13.33	-0.79	183.39	1.51	1.10
-9	5	4	9.98	10.21	10.18	0.79	4.45	-0.23	1.49
-7	5	4	15.35	15.06	-15.03	-1.03	183.91	0.29	1.01
-6	5	4	16.90	16.85	-16.85	-0.07	180.23	0.05	0.95
-5	5	4	38.34	38.16	38.14	1.28	1.92	0.19	0.71
-4	5	4	23.37	22.02	-22.00	-0.72	181.87	1.35	0.79
-3	5	4	16.21	17.45	-17.43	-0.85	182.81	-1.24	0.95
-2	5	4	25.23	26.72	26.70	1.05	2.24	-1.49	0.76
-1	5	4	15.60	16.50	16.49	0.47	1.63	-0.90	0.97
0	5	4	38.93	39.01	-38.99	-1.36	181.99	-0.08	0.52
1	5	4	22.47	24.18	24.18	0.34	0.81	-1.71	0.76
2	5	4	9.53	9.70	9.65	0.98	5.82	-0.17	1.35
3	5	4	9.30	9.22	-9.20	-0.65	184.01	0.08	1.36
4	5	4	12.67	12.58	-12.56	-0.68	183.12	0.09	1.14
5	5	4	15.31	15.09	15.06	0.96	3.64	0.22	1.06
-8	6	4	8.79	6.53	6.51	0.53	4.66	2.26	1.56
-7	6	4	13.72	13.99	-13.97	-0.75	183.05	-0.27	1.10
-6	6	4	15.72	14.88	14.88	-0.10	359.63	0.84	0.98
-5	6	4	24.74	24.99	-24.98	0.67	178.46	-0.25	0.78
-3	6	4	7.71	7.29	-7.24	-0.82	186.50	0.42	1.68
0	6	4	24.19	23.69	23.68	-0.61	358.53	0.50	0.61
1	6	4	19.24	19.55	-19.55	-0.26	180.76	-0.31	0.82
2	6	4	12.35	12.01	11.98	0.83	3.98	0.34	1.10
6	6	4	9.10	8.81	8.80	0.39	2.52	0.29	1.82
-10	7	4	14.85	13.91	-13.88	-0.91	183.73	0.94	1.14
-8	7	4	11.63	10.02	9.99	0.78	4.49	1.61	1.23
-7	7	4	11.52	11.31	-11.29	-0.65	183.30	0.21	1.26
-6	7	4	25.04	23.45	-23.44	-0.66	181.62	1.59	0.79
-5	7	4	29.93	29.53	29.51	1.13	2.18	0.39	0.74
-3	7	4	15.16	14.03	-13.99	-1.03	184.20	1.14	0.96
-1	7	4	23.26	23.29	23.27	0.94	2.32	-0.03	0.80
0	7	4	29.03	28.39	-28.37	-0.92	181.87	0.64	0.51
2	7	4	14.13	14.78	14.75	0.90	3.48	-0.65	1.01
4	7	4	13.01	13.17	-13.14	-0.86	183.75	-0.15	1.26
5	7	4	8.66	9.11	9.10	0.46	2.86	-0.45	1.93
-9	8	4	8.86	5.09	-5.09	-0.10	181.16	3.77	1.72
-8	8	4	24.90	23.76	23.73	1.05	2.54	1.14	0.86
-7	8	4	8.95	7.88	-7.86	-0.51	183.74	1.07	1.62
-6	8	4	13.89	13.08	-13.05	-0.78	183.40	0.81	1.09
-5	8	4	11.97	10.04	10.01	0.85	4.85	1.93	1.17
-4	8	4	19.93	20.78	20.77	0.51	1.39	-0.85	0.91
-3	8	4	45.95	45.29	-45.27	-1.28	181.62	0.66	0.69
-2	8	4	17.00	16.39	16.39	0.25	0.87	0.61	0.97
-1	8	4	13.01	12.54	12.50	0.98	4.49	0.47	1.12
0	8	4	14.92	13.40	-13.39	-0.61	182.61	1.51	1.20
1	8	4	11.19	11.98	-11.96	-0.73	183.48	-0.79	1.26

2	8	4	25.28	24.18	24.16	1.00	2.37	1.10	0.81
-4	9	4	17.95	17.20	-17.20	0.34	178.87	0.74	0.95
-3	9	4	19.72	17.25	17.24	-0.51	358.31	2.47	0.88
-2	9	4	14.24	13.70	-13.70	-0.25	181.06	0.54	1.06
-5	10	4	10.14	8.02	-8.02	0.15	178.90	2.12	1.47
-4	10	4	14.99	13.05	13.03	0.69	3.03	1.94	1.10
-3	10	4	8.91	8.63	-8.61	-0.59	183.91	0.28	1.74
0	-13	5	13.83	11.71	11.68	0.92	4.49	2.12	1.11
2	-13	5	10.47	10.02	-10.00	-0.74	184.21	0.45	1.81
4	-13	5	14.37	13.02	13.01	0.39	1.71	1.35	1.22
0	-12	5	7.38	6.94	6.91	0.73	6.03	0.43	1.65
-6	-11	5	9.74	10.76	10.76	0.33	1.74	-1.03	2.18
-5	-11	5	13.35	13.10	-13.07	-0.95	184.18	0.25	1.50
-3	-11	5	27.93	29.83	29.82	1.02	1.97	-1.90	1.00
-2	-11	5	17.04	16.24	-16.23	-0.69	182.43	0.80	1.17
-1	-11	5	15.14	13.31	-13.29	-0.70	183.01	1.83	1.23
0	-11	5	9.31	9.70	9.65	1.01	6.00	-0.39	1.34
2	-11	5	17.56	18.07	-18.03	-1.12	183.55	-0.51	1.01
4	-11	5	28.79	28.46	28.45	0.93	1.87	0.33	0.82
5	-11	5	13.65	12.94	-12.92	-0.75	183.31	0.70	1.21
7	-11	5	14.08	12.78	12.75	0.86	3.87	1.30	1.18
-7	-10	5	19.25	17.66	17.64	0.64	2.07	1.59	1.21
-6	-10	5	16.76	16.61	16.60	0.65	2.23	0.15	1.33
-5	-10	5	17.97	20.38	-20.36	-1.04	182.93	-2.42	1.28
-3	-10	5	18.33	19.36	19.32	1.22	3.63	-1.03	1.11
-2	-10	5	10.25	11.09	-11.08	-0.44	182.29	-0.84	1.75
-1	-10	5	20.68	21.56	-21.53	-1.10	182.92	-0.88	1.03
0	-10	5	19.56	20.26	20.24	1.00	2.82	-0.70	1.66
1	-10	5	17.21	17.89	17.88	0.64	2.05	-0.67	1.04
2	-10	5	20.75	20.41	-20.37	-1.28	183.59	0.33	0.90
4	-10	5	25.75	23.42	23.39	1.23	3.00	2.33	0.77
6	-10	5	25.10	24.75	-24.74	-0.87	182.02	0.34	0.82
7	-10	5	20.20	19.09	19.07	0.92	2.77	1.11	0.90
8	-10	5	17.09	15.99	15.99	0.35	1.27	1.09	1.00
-6	-9	5	14.25	13.95	-13.94	0.46	178.09	0.30	1.49
-5	-9	5	11.01	11.06	11.04	-0.65	356.61	-0.05	1.81
2	-9	5	10.39	13.43	-13.41	-0.85	183.61	-3.05	1.43
5	-9	5	11.69	11.68	-11.68	-0.23	181.11	0.01	1.20
6	-9	5	16.07	13.71	13.69	-0.64	357.34	2.37	0.99
-6	-8	5	10.29	11.04	11.01	0.90	4.69	-0.75	1.91
-5	-8	5	13.82	16.08	-16.07	-0.64	182.29	-2.26	1.48
-3	-8	5	18.07	17.97	17.94	1.03	3.28	0.10	1.14
2	-8	5	9.71	7.39	-7.35	-0.79	186.10	2.32	1.49
5	-8	5	7.63	6.86	6.86	0.08	0.65	0.77	1.76
7	-8	5	10.14	8.06	8.06	0.36	2.58	2.07	1.33
8	-8	5	7.68	5.63	5.60	0.61	6.22	2.05	1.77
9	-8	5	12.70	11.67	-11.65	-0.57	182.81	1.04	1.18
-9	-7	5	13.79	13.73	13.71	0.71	2.97	0.07	1.64
-8	-7	5	27.07	27.16	-27.14	-1.05	182.21	-0.09	1.06
-7	-7	5	14.24	15.80	-15.79	-0.32	181.18	-1.55	1.43
-6	-7	5	31.78	30.76	30.73	1.35	2.52	1.02	0.93
-4	-7	5	38.96	37.58	-37.55	-1.33	182.03	1.38	0.86
-3	-7	5	34.78	34.24	34.22	1.10	1.84	0.54	0.89
-2	-7	5	18.36	17.54	17.52	0.84	2.75	0.82	1.16
-1	-7	5	42.41	41.90	-41.87	-1.56	182.13	0.51	0.83
1	-7	5	41.03	41.46	41.43	1.60	2.22	-0.42	0.79
3	-7	5	35.90	35.23	-35.21	-1.22	181.98	0.67	0.77
4	-7	5	37.50	36.87	36.85	1.23	1.91	0.62	0.75
6	-7	5	34.80	35.57	-35.54	-1.35	182.17	-0.76	0.72
8	-7	5	25.55	24.97	24.94	1.08	2.48	0.58	0.79
9	-7	5	11.09	10.64	-10.62	-0.61	183.26	0.45	1.30
-3	-6	5	13.84	12.30	-12.29	0.56	177.37	1.54	1.49
-2	-6	5	26.73	25.19	25.18	0.88	2.01	1.54	1.02
-1	-6	5	17.25	16.81	-16.78	-1.05	183.59	0.43	1.23
1	-6	5	24.27	24.19	24.16	1.23	2.92	0.08	0.94
2	-6	5	27.67	25.63	-25.63	-0.25	180.56	2.04	0.84
6	-6	5	8.65	7.06	7.00	-0.86	353.04	1.59	1.45
8	-6	5	9.97	10.05	10.01	0.86	4.90	-0.08	1.35
-9	-5	5	9.41	6.24	6.20	0.73	6.69	3.17	1.94
-6	-5	5	9.53	10.05	10.01	0.89	5.06	-0.53	2.13
-5	-5	5	13.25	13.63	-13.63	0.18	179.22	-0.38	1.44
-4	-5	5	21.14	21.11	-21.09	-1.10	182.98	0.03	1.16
-3	-5	5	25.57	23.89	23.89	0.33	0.80	1.68	1.06
-2	-5	5	26.50	23.94	-23.93	0.91	177.82	2.55	1.01
-1	-5	5	11.42	12.30	12.27	-0.72	356.65	-0.87	1.79
0	-5	5	24.75	21.12	21.11	-0.58	358.44	3.63	0.68
1	-5	5	25.57	22.36	-22.34	0.97	177.52	3.20	0.97
2	-5	5	24.24	21.52	21.52	0.17	0.45	2.71	0.95
3	-5	5	14.78	11.86	-11.82	-1.03	184.96	2.92	1.17
4	-5	5	12.68	13.91	-13.91	0.30	178.77	-1.23	1.23
-10	-4	5	11.33	10.25	-10.25	-0.34	181.90	1.08	1.85
-9	-4	5	33.09	33.18	33.16	1.22	2.11	-0.09	0.91
-7	-4	5	45.92	43.95	-43.93	-1.30	181.70	1.98	0.86
-6	-4	5	16.00	16.93	16.90	0.94	3.20	-0.93	1.41
-5	-4	5	39.86	38.70	38.69	0.95	1.41	1.16	0.91
-4	-4	5	39.96	36.95	-36.92	-1.51	182.35	3.01	0.92
-3	-4	5	14.26	11.40	-11.39	-0.22	181.11	2.86	1.57
-2	-4	5	89.77	81.36	81.34	1.77	1.24	8.41	1.23
-1	-4	5	28.81	25.64	-25.63	-0.65	181.45	3.17	1.02
0	-4	5	85.84	71.54	-71.53	-1.45	181.16	14.30	0.88
1	-4	5	53.08	42.85	42.83	1.31	1.75	10.23	0.94
2	-4	5	19.98	16.53	16.51	0.71	2.46	3.45	1.07
3	-4	5	53.25	51.95	-51.93	-1.58	181.74	1.29	0.81
4	-4	5	7.95	7.70	7.70	0.09	0.69	0.25	1.87
5	-4	5	37.90	38.50	38.48	1.37	2.04	-0.60	0.75
6	-4	5	22.84	20.30	-20.28	-0.70	181.99	2.54	0.79

7	-4	5	27.50	27.56	-27.54	-0.88	181.82	-0.06	0.75
8	-4	5	21.54	21.16	21.14	0.97	2.62	0.39	0.80
10	-4	5	11.98	11.01	-10.97	-0.88	184.56	0.98	1.24
-12	-3	5	11.51	12.69	12.67	0.64	2.91	-1.18	1.93
-11	-3	5	12.64	13.35	-13.33	-0.62	182.66	-0.71	1.66
-9	-3	5	21.86	22.20	22.17	1.01	2.61	-0.34	1.10
-7	-3	5	14.20	13.33	-13.28	-1.17	185.03	0.87	1.44
-6	-3	5	10.39	11.99	11.98	0.56	2.68	-1.61	1.85
-5	-3	5	37.20	36.13	36.11	1.09	1.73	1.08	0.92
-4	-3	5	40.01	36.92	-36.90	-1.18	181.82	3.09	0.93
-3	-3	5	38.23	36.18	-36.18	-0.61	180.97	2.04	0.95
-2	-3	5	53.68	45.72	45.70	1.51	1.89	7.96	0.97
0	-3	5	57.97	47.90	-47.88	-1.46	181.75	10.06	0.69
1	-3	5	49.23	43.46	43.45	0.87	1.15	5.77	0.88
2	-3	5	43.48	38.44	38.43	1.03	1.53	5.04	0.89
3	-3	5	46.98	45.05	-45.03	-1.28	181.63	1.93	0.85
4	-3	5	8.48	8.64	-8.63	-0.34	182.28	-0.16	1.91
5	-3	5	17.05	18.95	18.91	1.26	3.82	-1.90	1.03
7	-3	5	27.73	28.07	-28.05	-1.01	182.06	-0.34	0.75
8	-3	5	16.57	16.03	16.02	0.69	2.46	0.54	0.92
9	-3	5	17.14	14.87	14.86	0.53	2.04	2.27	0.91
10	-3	5	17.72	17.93	-17.91	-0.79	182.51	-0.22	0.98
-12	-2	5	11.67	8.27	-8.25	0.49	176.58	3.41	1.75
-6	-2	5	14.17	13.98	13.98	0.25	1.01	0.19	1.40
-5	-2	5	12.06	8.52	-8.47	0.87	174.13	3.54	1.74
-4	-2	5	11.40	12.28	-12.26	-0.68	183.18	-0.88	1.85
-3	-2	5	21.71	18.35	18.34	-0.60	358.13	3.37	1.13
0	-2	5	23.80	19.68	19.66	-1.02	357.04	4.11	0.98
2	-2	5	8.08	5.85	5.78	0.88	8.69	2.23	2.55
3	-2	5	8.39	5.87	5.83	-0.65	353.67	2.52	2.47
4	-2	5	10.99	12.51	-12.49	-0.53	182.43	-1.52	1.74
7	-2	5	10.86	8.82	-8.79	-0.74	184.83	2.04	1.13
-8	-1	5	16.35	15.35	15.33	0.78	2.91	1.00	1.20
-6	-1	5	24.46	24.07	-24.06	-0.29	180.68	0.39	1.02
-5	-1	5	27.64	28.46	28.42	1.46	2.95	-0.82	0.97
-4	-1	5	12.47	9.00	-8.99	-0.48	183.04	3.47	1.48
-3	-1	5	27.20	22.74	-22.71	-1.29	183.25	4.46	0.95
-2	-1	5	35.89	30.51	30.49	1.14	2.14	5.38	0.90
-1	-1	5	25.54	20.56	20.54	0.77	2.14	4.99	1.03
0	-1	5	30.08	26.41	-26.37	-1.47	183.20	3.67	0.66
2	-1	5	29.96	26.89	26.85	1.40	2.99	3.07	0.93
3	-1	5	27.87	26.40	-26.39	-0.66	181.43	1.47	0.99
5	-1	5	17.39	19.00	18.98	1.00	3.01	-1.62	1.36
-12	0	5	15.26	13.54	13.51	0.82	3.49	1.72	1.42
-11	0	5	11.37	9.38	9.38	0.17	1.03	1.98	1.77
-10	0	5	27.74	27.64	-27.62	-1.12	182.33	0.10	0.94
-9	0	5	9.33	11.47	11.47	0.42	2.10	-2.15	1.88
-8	0	5	9.38	7.97	7.90	1.05	7.56	1.41	1.86
-7	0	5	19.62	20.76	-20.73	-1.04	182.88	-1.14	1.09
-5	0	5	19.33	16.87	16.80	1.47	4.99	2.46	1.10
-4	0	5	11.32	10.52	10.52	0.00	0.00	0.79	1.65
-3	0	5	39.16	35.33	-35.29	-1.58	182.57	3.83	0.83
-2	0	5	8.31	5.62	5.56	0.79	8.07	2.69	2.16
-1	0	5	16.71	12.73	12.68	1.17	5.29	3.98	1.17
0	0	5	32.77	28.69	-28.66	-1.38	182.76	4.08	0.62
1	0	5	11.43	10.45	10.44	-0.45	357.51	0.99	1.41
2	0	5	30.38	29.60	29.56	1.55	3.00	0.79	0.82
3	0	5	10.85	12.32	12.32	-0.23	358.93	-1.48	1.47
4	0	5	15.49	15.26	-15.21	-1.26	184.73	0.23	1.08
6	0	5	15.95	16.25	16.23	0.74	2.61	-0.30	0.95
7	0	5	30.54	31.36	-31.34	-1.08	181.98	-0.82	1.08
9	0	5	16.73	15.97	15.95	0.92	3.30	0.76	1.33
-11	1	5	9.14	8.20	-8.20	0.17	178.82	0.94	2.06
-5	1	5	8.17	8.59	8.55	0.91	6.08	-0.42	2.06
-4	1	5	23.09	21.05	-21.05	0.20	179.45	2.04	0.91
-3	1	5	12.90	11.12	11.07	-1.03	354.68	1.78	1.33
-1	1	5	16.64	12.42	-12.39	0.93	175.71	4.22	1.05
0	1	5	22.28	17.83	17.82	-0.64	357.94	4.45	1.25
1	1	5	14.18	10.91	-10.90	-0.63	183.32	3.27	1.03
4	1	5	7.42	5.41	5.34	-0.88	350.68	2.01	1.68
7	1	5	9.47	8.01	8.00	-0.47	356.63	1.46	1.75
-10	2	5	15.11	15.95	-15.93	-0.84	183.02	-0.84	1.25
-8	2	5	22.19	22.89	22.86	1.08	2.71	-0.69	0.94
-6	2	5	19.14	20.75	-20.72	-1.03	182.84	-1.61	0.96
-5	2	5	10.43	10.20	10.16	0.83	4.67	0.23	1.48
-4	2	5	17.95	16.81	16.79	0.68	2.32	1.15	0.97
-3	2	5	41.65	43.06	-43.04	-1.25	181.66	-1.41	0.75
-2	2	5	10.59	8.99	-8.99	-0.12	180.75	1.59	1.47
-1	2	5	31.08	31.47	31.45	1.26	2.29	-0.39	0.79
0	2	5	17.79	15.57	-15.57	-0.49	181.81	2.21	0.65
1	2	5	15.30	15.83	-15.81	-0.95	183.44	-0.53	0.90
2	2	5	16.88	16.97	16.95	0.88	2.98	-0.09	0.85
4	2	5	10.54	11.30	-11.26	-0.98	184.95	-0.76	1.24
6	2	5	13.38	13.67	13.64	0.83	3.48	-0.29	1.12
-11	3	5	34.75	32.00	31.98	0.96	1.72	2.76	0.86
-10	3	5	24.81	23.93	-23.92	-0.82	181.95	0.88	0.91
-9	3	5	16.22	15.98	-15.96	-0.66	182.37	0.24	1.09
-8	3	5	36.55	36.01	35.99	1.29	2.05	0.54	0.78
-6	3	5	51.86	54.34	-54.32	-1.50	181.58	-2.48	0.75
-5	3	5	27.77	26.53	26.52	0.68	1.47	1.24	0.80
-4	3	5	46.34	47.70	47.68	1.25	1.50	-1.36	0.71
-3	3	5	39.20	40.01	-39.99	-1.30	181.87	-0.81	0.74
-2	3	5	19.29	19.87	-19.86	-0.61	181.75	-0.58	0.90
-1	3	5	49.15	50.33	50.30	1.60	1.82	-1.18	0.73
0	3	5	14.21	14.47	-14.47	-0.21	180.84	-0.26	0.71
1	3	5	59.30	59.16	-59.14	-1.47	181.42	0.14	0.73

2	3	5	26.42	25.58	25.56	0.85	1.92	0.84	0.73
3	3	5	29.21	30.30	30.29	0.92	1.73	-1.09	0.74
4	3	5	27.09	27.51	-27.48	-1.17	182.43	-0.42	0.74
6	3	5	39.42	38.15	38.13	1.16	1.74	1.27	0.73
7	3	5	9.83	10.46	-10.46	-0.31	181.72	-0.63	1.70
-8	4	5	8.83	9.35	9.32	0.77	4.72	-0.53	1.83
-7	4	5	10.12	9.52	9.51	0.32	1.90	0.60	1.44
-4	4	5	17.09	16.80	16.77	1.01	3.43	0.28	0.94
-3	4	5	15.73	14.63	-14.62	-0.67	182.64	1.09	0.97
-2	4	5	18.16	16.37	-16.35	-0.72	182.51	1.80	0.85
-1	4	5	12.94	11.90	11.86	0.99	4.75	1.03	1.10
1	4	5	18.01	17.46	-17.43	-1.06	183.47	0.55	0.81
3	4	5	7.93	8.90	8.86	0.82	5.32	-0.98	1.69
4	4	5	12.09	12.75	-12.74	-0.64	182.88	-0.67	1.18
6	4	5	9.49	8.85	8.82	0.73	4.71	0.64	1.60
-5	5	5	8.91	7.96	7.96	-0.10	359.27	0.95	1.45
-4	5	5	7.60	8.56	-8.51	0.88	174.07	-0.96	1.87
-2	5	5	8.39	6.96	6.91	-0.76	353.76	1.43	1.52
-1	5	5	11.76	10.18	-10.16	0.62	176.50	1.58	1.14
0	5	5	6.44	5.23	5.21	0.46	5.07	1.21	1.36
-9	6	5	14.46	14.05	-14.01	-1.05	184.30	0.41	1.22
-8	6	5	8.62	8.38	8.37	0.42	2.91	0.24	1.71
-7	6	5	10.90	10.89	10.84	0.95	5.00	0.01	1.42
-6	6	5	12.35	10.89	-10.85	-0.93	184.91	1.46	1.23
-5	6	5	14.88	14.88	-14.87	-0.57	182.19	0.01	1.06
-4	6	5	26.05	26.46	26.43	1.28	2.78	-0.41	0.79
-2	6	5	16.20	15.45	-15.40	-1.22	184.52	0.75	0.92
-1	6	5	20.06	19.99	19.97	0.68	1.96	0.08	0.85
0	6	5	8.04	6.66	6.61	0.84	7.26	1.37	1.27
1	6	5	17.85	16.18	-16.15	-1.02	183.62	1.67	0.86
2	6	5	11.59	11.96	-11.96	-0.34	181.61	-0.38	1.20
3	6	5	10.47	9.93	9.87	1.04	6.03	0.55	1.34
-9	7	5	12.46	11.12	-11.09	-0.83	184.29	1.33	1.35
-7	7	5	15.27	15.05	15.03	0.91	3.46	0.22	1.14
-6	7	5	8.62	9.02	-9.00	-0.55	183.47	-0.40	1.84
-4	7	5	14.12	14.21	14.18	0.92	3.70	-0.10	1.06
-2	7	5	11.46	12.74	-12.69	-1.04	184.69	-1.27	1.29
0	7	5	16.95	15.59	15.57	0.90	3.31	1.36	0.66
1	7	5	12.99	13.50	-13.49	-0.67	182.83	-0.52	1.17
3	7	5	11.01	12.37	12.34	0.83	3.84	-1.36	1.41
1	8	5	9.42	8.59	8.58	-0.17	358.86	0.84	1.52
-3	9	5	14.49	13.56	13.54	0.71	3.02	0.93	1.15
-2	-12	6	32.63	32.70	32.68	1.16	2.03	-0.07	0.92
-1	-12	6	18.75	19.25	-19.23	-0.90	182.69	-0.50	1.21
0	-12	6	16.78	17.27	-17.26	-0.63	182.08	-0.49	1.09
1	-12	6	29.19	28.90	28.88	1.13	2.24	0.28	0.90
3	-12	6	33.96	33.83	-33.80	-1.28	182.17	0.13	0.83
4	-12	6	18.99	18.33	18.32	0.57	1.79	0.66	1.04
5	-12	6	18.90	17.60	17.58	0.81	2.65	1.31	1.02
-4	-11	6	15.80	15.32	-15.28	-1.03	183.87	0.48	1.30
-3	-11	6	12.63	12.73	12.73	0.13	0.60	-0.09	1.53
0	-11	6	15.70	16.71	-16.68	-0.89	183.06	-1.01	0.94
1	-11	6	16.88	18.56	18.53	1.01	3.12	-1.68	1.10
3	-11	6	8.85	7.88	7.83	-0.93	353.20	0.97	1.81
5	-11	6	19.48	18.53	18.50	1.01	3.12	0.95	0.99
6	-11	6	10.95	11.52	-11.50	-0.63	183.14	-0.57	1.51
-5	-10	6	16.89	18.19	-18.19	0.32	178.98	-1.30	1.31
-2	-10	6	12.08	11.80	-11.77	0.87	175.79	0.28	1.48
0	-10	6	19.25	19.45	19.44	-0.60	358.23	-0.20	0.74
2	-10	6	8.67	8.95	-8.94	0.48	176.93	-0.28	1.95
4	-10	6	14.76	15.13	15.13	0.04	0.16	-0.37	1.11
5	-10	6	17.10	16.74	-16.73	0.60	177.96	0.36	1.07
6	-10	6	9.75	9.71	9.71	-0.15	359.10	0.04	1.66
7	-10	6	8.93	8.91	8.90	-0.54	356.53	0.01	1.76
-6	-9	6	10.60	12.21	-12.21	0.11	179.47	-1.61	1.88
-5	-9	6	33.79	33.08	33.06	1.19	2.07	0.71	0.90
-4	-9	6	25.56	27.39	-27.38	-0.92	181.92	-1.84	0.98
-1	-9	6	10.04	6.86	6.86	0.25	2.06	3.18	1.75
0	-9	6	31.70	30.57	-30.54	-1.44	182.69	1.12	0.92
1	-9	6	11.86	12.37	12.36	0.57	2.66	-0.51	1.35
4	-9	6	20.99	19.18	-19.17	-0.63	181.88	1.81	0.92
5	-9	6	33.66	34.23	34.21	1.25	2.10	-0.57	0.79
6	-9	6	14.65	13.57	-13.57	-0.16	180.66	1.08	1.17
-8	-8	6	18.67	21.25	21.24	0.67	1.80	-2.57	1.29
-7	-8	6	36.01	36.10	-36.08	-1.20	181.90	-0.08	0.89
-5	-8	6	21.24	21.31	21.28	1.21	3.26	-0.07	1.07
-3	-8	6	31.54	30.81	-30.79	-1.22	182.27	0.73	0.90
-2	-8	6	32.45	31.75	31.72	1.24	2.24	0.71	0.87
-1	-8	6	15.82	16.90	16.89	0.55	1.88	-1.08	1.24
0	-8	6	46.88	49.16	-49.14	-1.45	181.69	-2.28	0.71
1	-8	6	10.92	11.05	-11.05	-0.01	180.03	-0.13	1.50
2	-8	6	32.81	33.10	33.07	1.48	2.56	-0.29	0.82
3	-8	6	27.86	27.48	-27.46	-0.86	181.80	0.38	0.84
4	-8	6	9.93	8.93	-8.89	-0.85	185.48	1.00	1.51
5	-8	6	19.09	17.15	17.12	1.06	3.53	1.94	0.92
6	-8	6	27.57	26.98	26.98	0.45	0.96	0.59	0.80
7	-8	6	32.85	33.39	-33.37	-1.25	182.14	-0.54	0.78
-8	-7	6	11.34	11.84	-11.83	0.38	178.18	-0.50	1.89
-7	-7	6	16.52	16.59	16.58	-0.61	357.90	-0.08	1.33
-5	-7	6	32.96	33.94	33.92	1.07	1.81	-0.98	0.92
-4	-7	6	13.91	12.73	-12.72	-0.33	181.48	1.18	1.44
-1	-7	6	12.62	12.71	12.70	0.70	3.16	-0.10	1.45
0	-7	6	27.66	29.42	-29.40	-1.08	182.10	-1.75	0.63
1	-7	6	12.47	9.79	9.79	-0.07	359.62	2.68	1.32
4	-7	6	27.93	26.09	-26.08	-0.91	182.01	1.84	0.83
5	-7	6	19.53	19.90	19.89	0.71	2.06	-0.37	0.90

6	-7	6	18.25	16.87	-16.87	0.31	178.94	1.38	0.96
7	-7	6	12.58	11.71	11.70	-0.59	357.10	0.87	1.25
-8	-6	6	24.78	27.43	27.41	1.03	2.16	-2.65	1.07
-7	-6	6	24.86	25.16	-25.15	-0.80	181.82	-0.31	1.03
-5	-6	6	16.47	19.18	19.15	1.06	3.18	-2.70	1.28
-3	-6	6	21.86	20.43	-20.38	-1.37	183.85	1.44	1.05
-2	-6	6	26.32	25.19	25.18	0.56	1.27	1.14	0.95
-1	-6	6	13.83	14.29	14.25	1.03	4.14	-0.46	1.44
1	-6	6	26.66	24.51	-24.50	-0.73	181.72	2.15	0.90
2	-6	6	16.29	13.77	13.71	1.28	5.34	2.52	1.13
4	-6	6	16.89	18.59	-18.56	-1.06	183.26	-1.70	1.05
6	-6	6	27.51	27.17	27.16	0.87	1.84	0.33	0.81
7	-6	6	20.78	19.89	-19.87	-0.84	182.43	0.90	0.90
-10	-5	6	29.19	30.52	-30.50	-1.09	182.04	-1.32	1.03
-8	-5	6	9.68	11.29	11.22	1.20	6.09	-1.61	1.89
-6	-5	6	40.39	39.52	-39.49	-1.36	181.98	0.87	0.86
-5	-5	6	33.48	32.44	32.41	1.24	2.19	1.04	0.91
-4	-5	6	18.36	17.84	17.83	0.72	2.32	0.51	1.19
-3	-5	6	18.44	17.55	-17.49	-1.51	184.95	0.89	1.14
-2	-5	6	14.17	14.48	-14.48	-0.12	180.48	-0.31	1.51
-1	-5	6	75.68	74.07	74.05	1.84	1.43	1.60	0.98
0	-5	6	38.26	36.02	-36.00	-0.93	181.49	2.24	0.86
1	-5	6	25.42	23.01	-22.98	-1.17	182.92	2.42	0.91
2	-5	6	19.85	16.91	16.86	1.29	4.36	2.94	1.05
3	-5	6	17.74	15.13	15.12	0.60	2.28	2.60	1.11
4	-5	6	51.80	50.79	-50.77	-1.65	181.86	1.01	0.77
5	-5	6	14.25	14.07	14.07	0.34	1.37	0.18	1.15
6	-5	6	15.30	16.39	16.35	1.15	4.01	-1.09	1.08
8	-5	6	26.68	26.83	-26.81	-0.79	181.70	-0.14	0.82
9	-5	6	29.17	28.00	27.98	1.04	2.13	1.17	0.78
-7	-4	6	17.48	17.92	-17.92	-0.26	180.82	-0.45	1.21
-4	-4	6	14.42	11.55	11.52	0.86	4.26	2.87	1.36
-2	-4	6	12.82	12.14	12.14	-0.19	359.10	0.67	1.62
-1	-4	6	8.55	5.48	-5.36	1.13	168.14	3.07	2.33
2	-4	6	20.35	18.41	18.39	0.87	2.71	1.94	1.10
5	-4	6	10.98	11.68	-11.68	-0.25	181.21	-0.70	1.50
7	-4	6	16.72	15.69	-15.68	-0.39	181.42	1.03	1.03
-10	-3	6	13.96	15.10	-15.08	-0.60	182.29	-1.14	1.53
-8	-3	6	11.96	8.19	-8.15	0.77	174.59	3.77	1.54
-6	-3	6	25.61	25.30	-25.27	-1.19	182.69	0.32	1.00
-5	-3	6	24.40	25.33	25.33	0.47	1.06	-0.93	1.00
-4	-3	6	30.28	30.11	-30.10	0.83	178.43	0.16	0.95
-2	-3	6	11.76	11.14	11.12	-0.66	356.61	0.62	1.71
-1	-3	6	8.71	7.53	7.44	1.21	9.22	1.18	2.37
1	-3	6	32.94	30.91	30.90	-0.96	358.22	2.03	0.92
2	-3	6	25.25	25.15	-25.15	0.29	179.33	0.10	1.08
3	-3	6	15.98	17.02	16.99	0.94	3.16	-1.03	1.34
4	-3	6	18.23	20.15	-20.13	-0.87	182.48	-1.92	1.17
6	-3	6	8.56	10.34	-10.31	0.72	176.00	-1.78	1.97
7	-3	6	10.33	9.50	9.50	0.08	0.46	0.84	1.48
-11	-2	6	20.58	20.42	20.39	1.03	2.88	0.16	1.17
-9	-2	6	32.35	33.60	-33.58	-1.23	182.10	-1.25	0.92
-8	-2	6	26.24	26.40	26.38	1.03	2.24	-0.16	0.98
-7	-2	6	9.86	10.58	10.56	0.72	3.91	-0.72	1.88
-6	-2	6	24.52	23.80	-23.75	-1.40	183.37	0.72	0.98
-5	-2	6	38.39	38.60	-38.60	-0.28	180.41	-0.21	0.87
-4	-2	6	58.54	57.57	57.54	1.78	1.78	0.97	0.87
-3	-2	6	24.86	22.41	-22.40	-0.80	182.06	2.45	0.99
-2	-2	6	69.15	59.16	-59.14	-1.35	181.30	9.99	0.95
-1	-2	6	67.40	59.02	59.00	1.38	1.34	8.38	0.94
0	-2	6	27.03	24.41	24.40	0.76	1.78	2.62	0.70
1	-2	6	62.82	58.36	-58.33	-1.79	181.75	4.46	0.92
2	-2	6	37.54	37.96	37.96	0.32	0.49	-0.42	0.90
3	-2	6	19.05	19.30	19.25	1.36	4.03	-0.25	1.23
4	-2	6	9.45	10.37	-10.35	-0.75	184.12	-0.93	2.08
5	-2	6	26.48	25.70	-25.68	-0.99	182.21	0.78	1.03
6	-2	6	27.76	30.03	30.01	1.22	2.32	-2.28	0.96
8	-2	6	16.27	16.80	-16.77	-0.99	183.38	-0.53	1.01
-11	-1	6	20.53	22.44	22.42	0.94	2.39	-1.91	1.22
-7	-1	6	26.88	26.84	26.82	0.99	2.11	0.04	0.92
-6	-1	6	52.49	52.10	-52.09	-1.23	181.36	0.38	0.80
-4	-1	6	11.67	10.60	10.52	1.28	6.95	1.07	1.59
-2	-1	6	30.34	26.71	-26.67	-1.42	183.04	3.63	0.91
-1	-1	6	26.91	23.68	23.66	0.96	2.32	3.23	0.93
0	-1	6	8.41	7.54	7.49	0.82	6.22	0.88	2.35
1	-1	6	10.51	11.42	-11.36	-1.17	185.88	-0.91	1.67
2	-1	6	25.65	24.65	-24.65	-0.39	180.91	0.99	0.95
3	-1	6	46.94	48.07	48.05	1.44	1.72	-1.14	0.84
4	-1	6	16.33	17.73	-17.72	-0.45	181.46	-1.40	1.30
8	-1	6	21.20	22.07	-22.05	-0.94	182.44	-0.87	0.91
-9	0	6	13.56	11.47	-11.44	-0.90	184.48	2.09	1.33
-8	0	6	18.42	19.24	19.24	0.35	1.06	-0.82	1.15
-6	0	6	9.06	6.78	6.75	-0.57	355.20	2.29	1.82
-3	0	6	25.48	24.15	-24.15	0.00	180.01	1.33	0.89
-1	0	6	23.42	20.23	-20.23	0.23	179.35	3.18	0.93
1	0	6	9.35	7.71	7.67	-0.77	354.27	1.64	1.65
2	0	6	9.86	9.52	9.51	-0.38	357.70	0.34	1.65
3	0	6	9.79	8.53	-8.50	0.78	174.78	1.26	1.56
4	0	6	18.39	16.88	16.88	0.16	0.54	1.50	1.02
5	0	6	12.20	12.70	-12.67	-0.87	183.94	-0.50	1.34
-11	1	6	19.97	22.38	22.36	0.75	1.91	-2.40	1.18
-8	1	6	12.95	11.66	-11.66	-0.25	181.22	1.29	1.38
-7	1	6	39.54	39.89	39.86	1.45	2.08	-0.35	0.80
-6	1	6	12.05	10.85	-10.83	-0.58	183.08	1.20	1.42
-5	1	6	29.52	28.85	-28.83	-1.14	182.26	0.66	0.86
-4	1	6	9.75	8.38	8.32	1.04	7.10	1.37	1.68

-3	1	6	35.67	34.52	34.51	0.79	1.32	1.14	0.80
-2	1	6	64.68	64.29	-64.27	-1.64	181.46	0.39	0.84
-1	1	6	20.05	17.03	17.03	0.16	0.55	3.02	0.94
0	1	6	24.49	24.71	24.67	1.34	3.10	-0.22	0.60
1	1	6	15.73	14.50	-14.48	-0.65	182.57	1.23	0.97
2	1	6	24.78	23.19	-23.17	-1.06	182.61	1.59	0.82
3	1	6	31.63	30.95	30.92	1.20	2.21	0.68	0.77
6	1	6	9.89	9.17	-9.17	0.09	179.42	0.73	1.43
7	1	6	22.53	21.35	21.33	0.93	2.48	1.18	0.88
-10	2	6	32.64	30.20	30.18	0.96	1.82	2.44	0.86
-9	2	6	27.12	26.67	-26.65	-1.00	182.15	0.45	0.91
-7	2	6	27.55	28.43	28.41	1.25	2.52	-0.88	0.86
-5	2	6	33.16	33.03	-33.00	-1.46	182.53	0.13	0.80
-4	2	6	25.82	25.49	25.48	0.89	2.00	0.32	0.83
-3	2	6	12.92	12.66	12.63	0.94	4.27	0.26	1.24
-2	2	6	18.76	16.13	-16.09	-1.22	184.35	2.63	0.95
-1	2	6	21.02	19.39	-19.38	-0.49	181.44	1.63	0.85
0	2	6	37.93	37.10	37.06	1.56	2.42	0.84	0.51
1	2	6	11.82	11.94	-11.93	-0.42	182.00	-0.12	1.19
2	2	6	29.85	31.11	-31.09	-1.18	182.17	-1.26	0.74
3	2	6	10.02	7.95	7.91	0.79	5.71	2.07	1.36
4	2	6	28.57	29.66	29.65	0.80	1.54	-1.09	0.77
5	2	6	35.51	34.38	-34.36	-1.19	181.98	1.12	0.76
6	2	6	9.99	9.71	9.71	0.00	359.99	0.29	1.54
-10	3	6	12.00	12.90	-12.89	0.52	177.69	-0.90	1.63
-9	3	6	11.57	11.84	11.83	-0.38	358.17	-0.27	1.54
-8	3	6	9.50	12.82	-12.81	-0.58	182.60	-3.32	1.81
-7	3	6	11.96	12.67	12.64	0.87	3.95	-0.72	1.35
-5	3	6	17.29	15.46	15.44	-0.81	357.00	1.83	1.02
-3	3	6	9.66	8.97	8.92	0.92	5.87	0.69	1.45
-2	3	6	12.38	11.37	-11.34	-0.75	183.79	1.01	1.22
0	3	6	16.38	14.40	-14.38	0.77	176.95	1.98	0.66
1	3	6	10.38	9.50	9.50	0.19	1.13	0.88	1.30
2	3	6	11.38	12.18	-12.14	-0.95	184.46	-0.81	1.16
3	3	6	17.34	17.65	17.64	0.40	1.30	-0.30	0.93
5	3	6	11.86	9.14	9.13	-0.43	357.28	2.72	1.23
-10	4	6	11.51	11.07	11.03	0.95	4.90	0.44	1.57
-9	4	6	11.22	12.24	-12.23	-0.39	181.84	-1.02	1.61
-6	4	6	23.24	21.94	21.93	0.65	1.70	1.29	0.84
-5	4	6	16.33	16.28	-16.23	-1.17	184.11	0.06	1.02
-3	4	6	17.74	17.49	17.46	1.08	3.53	0.25	0.90
-2	4	6	7.95	7.66	-7.64	-0.45	183.34	0.30	1.79
-1	4	6	11.12	10.51	-10.47	-0.93	185.07	0.61	1.28
0	4	6	23.70	22.94	22.92	0.98	2.46	0.76	0.54
1	4	6	11.05	10.87	-10.86	0.30	178.44	0.18	1.24
3	4	6	12.59	10.74	-10.74	-0.01	180.07	1.85	1.18
-9	5	6	8.73	7.08	7.08	0.08	0.68	1.65	2.01
-8	5	6	34.97	33.40	-33.38	-1.26	182.16	1.57	0.80
-7	5	6	27.21	26.05	26.04	0.70	1.55	1.16	0.85
-5	5	6	11.84	12.04	-12.00	-1.04	184.95	-0.20	1.36
-4	5	6	8.09	7.35	-7.33	-0.50	183.89	0.75	1.80
-3	5	6	24.94	24.49	24.45	1.43	3.35	0.44	0.79
-1	5	6	13.51	12.85	-12.80	-1.14	185.09	0.66	1.12
1	5	6	27.22	25.76	25.74	0.86	1.92	1.46	0.74
2	5	6	31.67	32.32	-32.30	-1.21	182.14	-0.66	0.75
-7	6	6	12.51	11.26	-11.26	0.08	179.60	1.25	1.34
1	6	6	10.41	8.37	-8.35	0.60	175.90	2.04	1.36
-4	7	6	11.07	9.97	-9.95	-0.73	184.20	1.10	1.49
-3	7	6	9.39	7.76	7.73	0.68	5.03	1.63	1.64
0	7	6	7.56	7.41	-7.41	-0.08	180.64	0.15	1.42
-3	-11	7	11.65	13.65	-13.62	-0.87	183.67	-2.00	1.76
3	-11	7	10.10	8.04	8.03	0.41	2.94	2.06	1.72
-4	-10	7	17.75	20.83	20.80	1.15	3.17	-3.08	1.29
-2	-10	7	30.10	30.86	-30.85	-0.77	181.44	-0.75	0.93
-1	-10	7	35.63	39.64	39.61	1.44	2.08	-4.01	0.89
0	-10	7	10.08	9.60	9.60	0.07	0.40	0.48	1.20
1	-10	7	36.90	40.85	-40.82	-1.46	182.05	-3.95	0.84
2	-10	7	21.30	21.10	21.09	0.68	1.85	0.20	0.97
3	-10	7	14.43	14.97	14.93	1.02	3.90	-0.54	1.29
4	-10	7	21.79	22.27	-22.24	-1.11	182.85	-0.48	0.96
-6	-9	7	13.61	14.65	-14.62	-1.02	183.98	-1.05	1.51
-4	-9	7	17.34	17.27	17.23	1.08	3.58	0.08	1.21
-3	-9	7	15.82	17.44	-17.43	-0.67	182.20	-1.63	1.28
2	-9	7	10.51	10.91	-10.91	0.20	178.94	-0.40	1.57
3	-9	7	21.41	21.74	21.72	1.08	2.84	-0.33	0.95
5	-9	7	14.50	13.31	-13.30	-0.65	182.81	1.19	1.26
6	-9	7	12.27	11.31	11.27	0.93	4.69	0.96	1.40
3	-8	7	10.19	9.05	9.00	0.90	5.70	1.15	1.50
-7	-7	7	21.92	23.74	23.72	1.13	2.73	-1.82	1.13
-5	-7	7	20.22	21.97	-21.96	-0.79	182.07	-1.76	1.12
-4	-7	7	28.42	29.79	29.76	1.40	2.70	-1.37	0.93
-2	-7	7	42.87	44.59	-44.56	-1.56	182.01	-1.72	0.84
-1	-7	7	14.45	16.41	16.39	0.65	2.26	-1.96	1.37
0	-7	7	35.53	37.10	37.08	1.24	1.92	-1.57	0.61
1	-7	7	29.09	27.82	-27.80	-1.21	182.50	1.27	0.88
2	-7	7	13.69	13.98	-13.97	-0.59	182.40	-0.29	1.35
3	-7	7	34.63	34.82	34.79	1.43	2.35	-0.19	0.83
4	-7	7	8.56	10.27	-10.27	-0.15	180.86	-1.72	2.01
5	-7	7	20.98	21.86	-21.83	-1.19	183.13	-0.88	0.97
6	-7	7	10.48	11.22	11.20	0.66	3.36	-0.74	1.73
7	-7	7	21.03	20.89	20.87	0.75	2.06	0.15	0.94
-9	-6	7	15.03	18.91	-18.88	-1.05	183.18	-3.88	1.43
-7	-6	7	22.09	23.32	23.28	1.24	3.05	-1.23	1.06
-6	-6	7	13.26	14.93	-14.92	-0.62	182.39	-1.67	1.49
-5	-6	7	14.38	16.91	-16.88	-1.07	183.62	-2.54	1.33
-4	-6	7	20.04	22.43	22.40	1.22	3.11	-2.39	1.13

-3	-6	7	12.46	8.97	8.95	0.54	3.45	3.49	1.54
-2	-6	7	29.32	27.78	-27.74	-1.54	183.18	1.54	0.91
0	-6	7	26.00	24.38	24.33	1.45	3.42	1.62	0.65
1	-6	7	20.83	19.25	-19.23	-0.91	182.70	1.58	0.95
2	-6	7	22.67	20.11	-20.08	-0.98	182.81	2.57	0.98
3	-6	7	26.96	24.54	24.51	1.31	3.06	2.41	0.88
4	-6	7	12.08	13.01	13.01	0.32	1.40	-0.94	1.53
5	-6	7	23.75	23.52	-23.49	-1.32	183.21	0.23	0.93
7	-6	7	24.55	25.44	25.42	1.01	2.29	-0.89	0.90
-7	-5	7	17.03	17.00	-16.98	0.84	177.18	0.04	1.26
-3	-5	7	15.05	12.54	-12.52	0.53	177.56	2.52	1.27
-2	-5	7	15.52	14.02	13.98	-0.97	356.05	1.50	1.30
-1	-5	7	11.97	11.42	11.42	-0.08	359.61	0.56	1.60
0	-5	7	23.86	19.44	-19.41	0.99	177.09	4.42	0.68
4	-5	7	13.23	13.42	-13.42	0.40	178.30	-0.19	1.42
5	-5	7	13.69	12.63	12.61	-0.78	356.48	1.05	1.33
7	-5	7	10.12	12.63	-12.61	0.66	177.01	-2.51	1.73
-10	-4	7	13.83	15.18	15.15	0.89	3.36	-1.34	1.50
-9	-4	7	21.87	22.30	-22.29	-0.75	181.93	-0.43	1.09
-7	-4	7	9.33	11.94	11.89	1.14	5.47	-2.62	2.03
-3	-4	7	11.51	9.17	9.10	1.13	7.07	2.34	1.65
-2	-4	7	16.05	15.37	-15.33	-1.09	184.07	0.67	1.32
-1	-4	7	13.86	11.41	-11.39	-0.63	183.18	2.45	1.42
0	-4	7	9.39	6.22	6.08	1.34	12.43	3.17	2.13
1	-4	7	8.69	7.46	-7.46	-0.07	180.52	1.23	1.94
6	-4	7	12.56	13.97	-13.96	-0.35	181.44	-1.40	1.53
7	-4	7	14.34	14.03	13.99	0.93	3.81	0.31	1.23
-10	-3	7	21.96	23.66	23.63	1.18	2.85	-1.71	1.15
-8	-3	7	25.99	26.97	-26.95	-1.15	182.43	-0.99	0.97
-7	-3	7	21.97	23.88	23.85	1.14	2.74	-1.91	1.05
-6	-3	7	23.73	25.51	25.50	0.71	1.60	-1.78	1.02
-5	-3	7	47.58	51.14	-51.11	-1.65	181.85	-3.57	0.83
-3	-3	7	43.12	42.75	42.72	1.68	2.25	0.37	0.84
-2	-3	7	20.57	18.54	-18.52	-0.91	182.81	2.03	1.08
-1	-3	7	31.18	28.54	-28.51	-1.23	182.47	2.64	0.90
0	-3	7	38.04	37.25	37.22	1.51	2.32	0.79	0.61
1	-3	7	19.59	17.76	17.76	0.49	1.57	1.83	1.06
2	-3	7	53.02	54.07	-54.04	-1.70	181.80	-1.05	0.84
4	-3	7	22.38	24.06	24.03	1.32	3.14	-1.68	1.10
5	-3	7	20.60	21.21	-21.19	-0.93	182.52	-0.61	1.16
6	-3	7	9.46	10.97	-10.95	-0.72	183.76	-1.51	2.13
7	-3	7	21.37	23.41	23.39	1.12	2.75	-2.04	1.12
-10	-2	7	10.46	8.48	8.44	0.82	5.56	1.98	1.76
-8	-2	7	10.13	10.43	-10.39	-0.88	184.82	-0.30	1.82
-7	-2	7	9.11	9.32	9.30	0.65	4.02	-0.21	1.95
-5	-2	7	12.96	16.18	-16.14	-1.06	183.74	-3.21	1.48
-3	-2	7	26.93	23.82	23.79	1.22	2.94	3.11	0.91
-1	-2	7	15.86	14.32	-14.28	-1.05	184.22	1.54	1.29
0	-2	7	15.87	13.95	13.93	0.84	3.46	1.92	0.87
1	-2	7	9.33	9.45	9.43	0.63	3.84	-0.12	1.86
2	-2	7	17.58	20.89	-20.86	-1.09	183.00	-3.31	1.22
3	-2	7	8.89	7.60	-7.60	-0.12	180.89	1.29	2.08
-10	-1	7	18.92	18.24	18.22	0.86	2.70	0.68	1.12
-8	-1	7	12.17	13.65	-13.61	-1.03	184.33	-1.48	1.60
-5	-1	7	11.17	10.94	-10.90	-0.87	184.57	0.23	1.57
-3	-1	7	23.12	23.01	22.98	1.20	3.00	0.11	0.99
-1	-1	7	18.74	16.73	-16.69	-1.18	184.05	2.01	1.01
1	-1	7	12.57	11.81	11.78	0.88	4.28	0.76	1.36
2	-1	7	8.78	8.66	-8.61	-0.88	185.81	0.12	1.93
6	-1	7	13.84	17.31	-17.29	-0.81	182.67	-3.47	1.71
-10	0	7	11.40	10.59	10.55	0.86	4.65	0.81	1.57
-9	0	7	16.05	16.64	16.63	0.67	2.31	-0.59	1.29
-8	0	7	27.58	26.96	-26.92	-1.36	182.89	0.62	0.93
-6	0	7	36.18	38.87	38.84	1.55	2.29	-2.69	0.85
-5	0	7	12.93	12.40	-12.38	-0.74	183.42	0.53	1.36
-4	0	7	40.71	43.10	-43.08	-1.28	181.71	-2.39	0.81
-3	0	7	36.83	36.01	35.98	1.41	2.24	0.82	0.81
-2	0	7	19.89	18.52	18.51	0.59	1.82	1.37	1.00
-1	0	7	44.49	44.83	-44.80	-1.69	182.16	-0.34	0.79
0	0	7	22.20	22.47	22.46	0.30	0.77	-0.27	1.62
1	0	7	41.15	41.43	41.41	1.49	2.07	-0.29	0.79
2	0	7	22.96	23.72	-23.70	-0.94	182.27	-0.76	0.93
3	0	7	19.32	18.85	-18.83	-0.90	182.74	0.46	1.03
4	0	7	21.56	22.16	22.13	1.23	3.19	-0.60	0.98
6	0	7	24.58	26.31	-26.29	-1.17	182.56	-1.73	0.99
-6	1	7	9.29	8.02	7.93	1.18	8.44	1.27	1.70
-5	1	7	14.16	14.44	-14.44	-0.29	181.15	-0.28	1.31
0	1	7	9.94	10.14	-10.14	-0.21	181.18	-0.20	1.24
1	1	7	17.87	16.60	16.55	1.24	4.27	1.27	0.95
3	1	7	8.32	8.29	-8.24	-0.93	186.44	0.03	1.89
-10	2	7	10.86	10.07	10.06	0.27	1.56	0.79	1.76
-9	2	7	11.31	10.62	-10.60	0.63	176.61	0.69	1.64
-7	2	7	9.78	8.73	8.72	-0.43	357.20	1.05	1.76
-6	2	7	22.66	21.28	-21.27	0.82	177.80	1.38	0.92
-2	2	7	8.71	4.97	-4.91	0.77	171.12	3.74	1.74
-1	2	7	8.73	5.51	5.46	-0.72	352.53	3.22	1.72
0	2	7	15.02	13.75	13.74	-0.37	358.44	1.28	1.29
1	2	7	18.25	17.41	-17.39	0.82	177.31	0.84	0.93
2	2	7	7.77	5.95	5.95	0.02	0.17	1.82	1.82
3	2	7	14.64	13.18	13.16	-0.74	356.80	1.46	1.14
4	2	7	12.09	9.82	-9.82	0.30	178.25	2.27	1.24
-9	3	7	19.21	18.62	18.59	1.15	3.53	0.59	1.08
-7	3	7	27.87	26.55	-26.53	-1.04	182.25	1.32	0.89
-6	3	7	26.27	25.24	25.21	1.08	2.46	1.03	0.87
-5	3	7	14.91	13.79	13.78	0.56	2.33	1.11	1.22
-4	3	7	28.49	28.30	-28.26	-1.39	182.82	0.19	0.85

-2	3	7	21.99	20.93	20.89	1.31	3.58	1.06	0.85
-1	3	7	19.82	18.99	-18.97	-0.77	182.32	0.83	0.91
0	3	7	22.65	20.18	-20.16	-0.92	182.60	2.47	1.06
1	3	7	30.58	30.35	30.33	1.16	2.19	0.23	0.77
3	3	7	12.68	11.98	-11.92	-1.12	185.37	0.70	1.23
-7	4	7	19.66	19.51	-19.48	-1.11	183.25	0.15	1.01
-6	4	7	16.92	17.73	17.71	0.74	2.38	-0.81	1.16
-5	4	7	12.11	9.79	9.75	0.80	4.72	2.33	1.33
-4	4	7	26.04	26.24	-26.21	-1.18	182.58	-0.19	0.87
-2	4	7	22.60	21.50	21.46	1.30	3.46	1.10	0.88
0	4	7	23.66	23.43	-23.40	-1.09	182.67	0.23	1.05
1	4	7	16.08	15.34	15.31	0.85	3.19	0.75	0.96
2	4	7	16.95	16.90	16.89	0.61	2.07	0.06	1.01
-5	5	7	9.50	6.28	6.24	0.69	6.31	3.23	1.70
-4	-10	8	19.00	22.07	22.06	0.41	1.06	-3.07	1.17
-3	-10	8	13.81	16.10	-16.09	0.67	177.60	-2.30	1.54
2	-10	8	12.64	13.60	13.58	-0.80	356.63	-0.96	1.47
3	-10	8	14.20	16.28	-16.28	0.19	179.34	-2.09	1.35
-4	-9	8	11.20	10.61	-10.61	-0.18	180.98	0.59	1.68
-2	-9	8	10.52	8.85	-8.83	-0.54	183.51	1.68	1.80
3	-9	8	11.41	14.85	14.84	0.18	0.70	-3.44	1.60
-6	-8	8	27.32	30.35	30.32	1.27	2.41	-3.03	0.97
-5	-8	8	19.63	20.60	-20.57	-1.19	183.31	-0.98	1.08
-4	-8	8	9.39	6.69	-6.66	-0.61	185.23	2.70	2.02
-3	-8	8	10.81	10.58	10.48	1.42	7.71	0.23	1.78
-2	-8	8	13.03	13.48	13.48	0.08	0.33	-0.45	1.49
-1	-8	8	49.32	55.15	-55.13	-1.73	181.80	-5.83	0.82
0	-8	8	26.54	27.34	27.32	0.93	1.96	-0.80	1.11
1	-8	8	9.14	9.85	9.79	1.03	6.00	-0.71	1.94
2	-8	8	11.55	11.16	-11.10	-1.22	186.26	0.39	1.58
4	-8	8	31.86	35.07	35.03	1.54	2.52	-3.20	0.92
-7	-7	8	11.49	11.73	11.73	0.28	1.38	-0.24	1.63
-5	-7	8	15.48	16.52	-16.50	-0.67	182.31	-1.04	1.26
-4	-7	8	10.05	10.07	-10.03	-0.86	184.88	-0.02	1.91
-3	-7	8	14.85	14.60	14.55	1.22	4.81	0.26	1.35
-2	-7	8	21.21	25.46	-25.46	0.10	179.78	-4.26	1.09
-1	-7	8	13.60	14.55	14.50	-1.13	355.56	-0.95	1.43
0	-7	8	12.47	11.68	-11.68	0.22	178.92	0.79	1.12
1	-7	8	17.37	15.64	15.59	1.19	4.38	1.74	1.11
2	-7	8	9.35	6.57	-6.51	-0.91	188.00	2.78	1.89
4	-7	8	10.49	10.64	10.59	1.00	5.38	-0.15	1.69
-3	-6	8	10.85	11.30	-11.28	0.70	176.45	-0.45	1.76
-2	-6	8	23.03	25.13	25.12	0.63	1.45	-2.10	1.00
-1	-6	8	35.18	38.30	-38.28	-1.24	181.85	-3.12	0.86
0	-6	8	20.84	21.06	21.05	0.15	0.42	-0.22	1.51
1	-6	8	13.83	12.41	-12.37	0.88	175.94	1.43	1.40
4	-6	8	10.35	7.85	7.81	0.82	5.97	2.51	1.74
5	-6	8	9.96	10.02	-10.02	0.20	178.83	-0.06	1.85
-8	-5	8	19.44	23.24	-23.22	-1.04	182.57	-3.81	1.17
-7	-5	8	12.81	13.37	-13.35	-0.65	182.78	-0.56	1.59
-6	-5	8	28.01	31.59	31.56	1.39	2.51	-3.59	0.93
-5	-5	8	13.56	12.69	12.69	0.16	0.71	0.87	1.46
-4	-5	8	35.62	39.62	-39.58	-1.68	182.43	-4.00	0.88
-3	-5	8	27.65	29.18	29.16	0.87	1.71	-1.53	0.92
-2	-5	8	15.99	17.04	17.00	1.15	3.86	-1.05	1.31
-1	-5	8	18.90	21.02	-20.99	-1.27	183.46	-2.12	1.16
0	-5	8	33.08	33.73	-33.73	-0.71	181.21	-0.65	0.63
1	-5	8	36.93	36.94	36.90	1.69	2.61	-0.01	0.87
2	-5	8	13.33	11.36	-11.36	-0.32	181.61	1.97	1.40
3	-5	8	25.04	24.44	-24.41	-1.28	183.01	0.60	1.02
4	-5	8	13.18	14.32	14.30	0.76	3.03	-1.13	1.51
5	-5	8	21.42	24.70	24.68	0.92	2.13	-3.28	1.10
-9	-4	8	11.03	11.50	11.45	1.02	5.07	-0.47	1.75
-7	-4	8	20.48	24.26	-24.24	-1.05	182.47	-3.78	1.12
-6	-4	8	37.81	43.31	43.29	1.35	1.78	-5.50	0.87
-4	-4	8	10.45	11.55	-11.47	-1.39	186.93	-1.10	1.74
-2	-4	8	34.99	32.80	32.77	1.53	2.67	2.18	0.89
-1	-4	8	29.80	25.81	-25.79	-1.09	182.42	3.99	0.85
1	-4	8	10.56	10.45	10.37	1.28	7.05	0.11	1.73
2	-4	8	24.18	25.55	25.54	0.37	0.84	-1.37	1.02
3	-4	8	38.15	42.66	-42.63	-1.54	182.07	-4.51	0.89
5	-4	8	11.41	13.53	13.50	0.97	4.11	-2.13	1.93
-7	-3	8	14.42	14.48	14.47	-0.66	357.41	-0.06	1.41
-6	-3	8	13.15	15.12	-15.11	0.60	177.74	-1.97	1.52
-5	-3	8	11.69	11.94	11.92	0.61	2.94	-0.25	1.60
-3	-3	8	11.81	12.40	12.40	0.07	0.30	-0.59	1.61
0	-3	8	8.88	9.29	-9.25	-0.93	185.75	-0.42	1.45
1	-3	8	11.52	9.83	9.79	0.89	5.19	1.69	1.51
2	-3	8	21.11	20.91	-20.90	0.28	179.23	0.20	1.09
3	-3	8	9.79	8.65	8.62	-0.80	354.71	1.14	2.07
-9	-2	8	13.31	14.30	14.26	1.03	4.15	-0.99	1.47
-7	-2	8	27.82	31.00	-30.97	-1.40	182.59	-3.18	0.96
-6	-2	8	20.48	20.58	20.57	0.68	1.89	-0.10	1.06
-3	-2	8	19.45	17.41	-17.39	-0.68	182.25	2.05	1.08
-2	-2	8	37.65	37.23	37.20	1.57	2.42	0.42	0.86
-1	-2	8	10.82	9.79	-9.79	-0.22	181.30	1.03	1.71
2	-2	8	22.11	23.39	23.37	1.00	2.45	-1.28	1.03
3	-2	8	18.25	20.90	-20.87	-1.17	183.21	-2.65	1.19
-7	-1	8	31.35	33.94	-33.91	-1.41	182.38	-2.58	0.90
-5	-1	8	43.20	47.85	47.82	1.64	1.96	-4.65	0.82
-4	-1	8	29.26	29.42	-29.40	-1.04	182.03	-0.16	0.86
-2	-1	8	20.17	19.45	19.40	1.39	4.09	0.72	1.02
-1	-1	8	21.63	20.31	20.30	0.48	1.37	1.33	1.01
0	-1	8	47.96	48.66	-48.63	-1.76	182.07	-0.70	1.27
1	-1	8	18.00	19.50	19.49	0.54	1.58	-1.50	1.15
2	-1	8	28.82	30.39	30.36	1.27	2.39	-1.57	0.90

3	-1	8	20.30	23.59	-23.57	-0.96	182.33	-3.29	1.11
4	-1	8	10.87	11.55	-11.53	-0.77	183.82	-0.68	1.84
-5	0	8	18.51	17.16	-17.14	0.91	176.96	1.34	1.12
-4	0	8	11.94	9.43	9.43	-0.26	358.39	2.51	1.53
-3	0	8	21.88	22.24	-22.21	-1.05	182.69	-0.36	1.01
-2	0	8	23.87	22.65	22.63	0.94	2.38	1.22	0.94
-1	0	8	14.64	13.01	-13.00	0.41	178.20	1.63	1.23
0	0	8	14.83	13.38	13.35	-0.90	356.16	1.45	1.13
-4	1	8	18.01	16.09	-16.09	-0.16	180.57	1.92	1.06
-3	1	8	17.52	13.97	13.93	-0.97	356.00	3.56	1.13
-2	1	8	14.03	11.37	-11.36	0.44	177.77	2.67	1.30
-1	1	8	11.27	10.29	10.25	0.91	5.07	0.98	1.51
-7	2	8	22.17	22.01	-21.99	-0.81	182.12	0.16	0.99
-6	2	8	17.85	18.38	-18.35	-0.97	183.04	-0.53	1.17
-5	2	8	18.28	17.35	17.31	1.20	3.98	0.93	1.11
-4	2	8	22.52	21.43	21.42	0.56	1.48	1.09	0.94
-3	2	8	41.37	42.51	-42.48	-1.66	182.23	-1.14	0.81
-2	2	8	16.90	16.01	16.01	0.42	1.50	0.88	1.13
-1	2	8	18.65	17.63	17.58	1.26	4.10	1.03	1.10
0	2	8	14.38	14.88	-14.86	-0.88	183.37	-0.51	0.90
1	2	8	23.36	24.25	-24.23	-0.92	182.16	-0.89	0.91
-6	3	8	13.78	14.29	-14.25	-1.01	184.05	-0.51	1.41
-5	3	8	16.87	16.55	16.53	0.85	2.93	0.32	1.16
-3	3	8	11.83	10.38	-10.34	-0.99	185.48	1.44	1.51
-2	3	8	14.48	13.88	-13.87	-0.21	180.88	0.61	1.29
-1	3	8	20.48	19.28	19.24	1.18	3.52	1.20	0.96
0	3	8	9.38	7.76	-7.75	-0.49	183.62	1.62	1.38
0	-8	9	11.04	10.97	10.93	-0.97	354.92	0.06	2.12
-5	-7	9	12.35	14.65	14.60	1.18	4.61	-2.30	1.51
-3	-7	9	10.74	14.95	-14.92	-0.97	183.72	-4.21	1.81
-2	-7	9	14.91	16.19	16.16	1.04	3.67	-1.28	1.36
0	-7	9	11.90	14.88	-14.83	-1.23	184.75	-2.98	2.36
2	-7	9	12.24	12.22	12.17	1.09	5.11	0.02	1.61
-5	-6	9	34.32	43.74	43.71	1.65	2.16	-9.43	0.90
-3	-6	9	37.23	46.34	-46.31	-1.68	182.08	-9.12	0.90
-2	-6	9	19.72	21.68	21.65	0.97	2.56	-1.95	1.10
-1	-6	9	30.71	33.68	33.66	1.21	2.05	-2.98	0.90
0	-6	9	34.45	37.17	-37.13	-1.54	182.37	-2.71	0.85
1	-6	9	13.03	16.64	-16.64	-0.44	181.50	-3.61	1.53
2	-6	9	44.10	48.66	48.63	1.69	1.99	-4.56	0.86
-5	-5	9	15.05	18.60	18.56	1.16	3.59	-3.55	1.28
-3	-5	9	9.94	12.82	-12.76	-1.28	185.72	-2.89	2.03
0	-5	9	8.65	10.20	-10.16	-0.94	185.29	-1.55	1.59
1	-5	9	13.56	12.19	-12.18	-0.64	182.99	1.36	1.39
2	-5	9	13.61	18.62	18.58	1.19	3.66	-5.01	1.57
-6	-4	9	10.01	9.43	9.40	-0.78	355.28	0.58	1.95
-5	-4	9	10.57	9.53	-9.50	0.82	175.06	1.04	1.89
-3	-4	9	11.28	11.79	-11.73	-1.14	185.56	-0.51	1.72
1	-4	9	10.29	13.09	13.07	-0.71	356.91	-2.80	1.79
-6	-3	9	24.42	28.11	-28.07	-1.52	183.11	-3.69	0.98
-5	-3	9	17.62	21.26	21.24	0.83	2.25	-3.64	1.23
-3	-3	9	10.19	9.06	-8.95	-1.37	188.72	1.13	1.82
1	-3	9	29.67	31.01	-30.97	-1.45	182.68	-1.34	0.92
2	-3	9	12.95	11.99	11.95	0.95	4.54	0.97	1.54
-4	-2	9	20.33	22.10	22.06	1.30	3.38	-1.77	1.12
-3	-2	9	12.01	11.78	-11.73	-0.99	184.82	0.24	1.64
-2	-2	9	9.77	9.89	-9.86	-0.82	184.75	-0.12	1.97
-1	-2	9	18.14	17.24	17.19	1.38	4.59	0.90	1.16
0	-2	9	8.64	9.64	-9.64	0.11	179.36	-0.99	1.58
1	-2	9	9.61	13.44	-13.37	-1.37	185.86	-3.83	1.98
-4	0	9	24.74	22.71	22.66	1.42	3.59	2.04	0.92
-2	0	9	17.63	15.08	-15.02	-1.30	184.93	2.56	1.14