Observed and calculated structure factors for Hubeite in P-1

h	k	l	Fo	Fc	s	h	k	l	Fo	Fc	s	h	k	l	Fo	Fc	s	h	k	l	Fo	Fc	s	h	k	l	Fo	Fc	s
1	0	0	80	78	0	-8	4	0	22	-22	0	-5	8	0	29	-29	0	5	13	0	21	20	1	0	-10	1	14	-15	0
2	0	0	5	-4	0	-7	4	0	21	21	0	-4	8	0	9	-9	1	6	13	0	20	-20	0	1	-10	1	29	29	0
3	0	0	44	-44	0	-6	4	0	37	36	0	-3	8	0	5	-4	1	7	13	0	2	1	-2	2	-10	1	12	-11	0
4	0	0	39	-38	0	-5	4	0	25	23	0	-2	8	0	10	-10	0	8	13	0	20	-20	0	3	-10	1	3	-3	-2
5	0	0	106	105	1	-4	4	0	69	69	0	-1	8	0	7	7	1	9	13	0	6	4	-2	4	-10	1	9	-9	1
6	0	0	15	14	0	-3	4	0	5	-4	1	0	8	0	9	-10	0	3	14	0	20	20	1	5	-10	1	14	-14	0
7	0	0	15	15	0	-2	4	0	7	-6	0	1	8	0	30	-30	0	4	14	0	19	-20	1	6	-10	1	22	22	1
8	0	0	41	40	1	-1	4	0	18	-20	0	2	8	0	18	-17	0	5	14	0	10	10	1	-13	-9	1	3	5	-3
9	0	0	23	22	0	0	4	0	3	-1	-1	3	8	0	4	3	-1	6	14	0	23	23	1	-12	-9	1	30	-30	1
10	0	0	52	52	0	1	4	0	38	43	0	4	8	0	8	-7	1	7	14	0	5	-3	-3	-11	-9	1	6	-6	-1
11	0	0	9	9	1	2	4	0	59	60	0	5	8	0	33	-34	0	-8	-15	1	32	-31	0	-10	-9	1	33	-34	0
12	0	0	2	1	-2	3	4	0	50	50	0	6	8	0	23	-23	0	-7	-15	1	25	-25	1	-9	-9	1	7	-6	1
-12	1	0	15	14	1	4	4	0	62	58	0	7	8	0	24	24	0	-6	-15	1	8	-7	1	-8	-9	1	14	13	1
-11	1	0	8	-8	1	5	4	0	3	-2	-1	8	8	0	13	13	1	-5	-15	1	4	-2	-2	-7	-9	1	50	-50	1
-10	1	0	12	12	1	6	4	0	9	-9	0	9	8	0	34	-33	0	-4	-15	1	3	-2	-2	-6	-9	1	15	14	1
-9	1	0	17	17	0	7	4	0	46	-46	1	10	8	0	36	-37	1	-3	-15	1	10	9	1	-5	-9	1	11	-9	0
-8	1	0	17	-16	0	8	4	0	51	-52	1	11	8	0	21	-20	1	-2	-15	1	19	-19	1	-4	-9	1	8	7	0
-7	1	0	17	15	0	9	4	0	2	0	-1	12	8	0	7	-7	-2	-10	-14	1	8	-7	1	-3	-9	1	17	16	0
-6	1	0	21	21	0	10	4	0	24	24	1	13	8	0	9	9	1	-9	-14	1	2	-1	-2	-2	-9	1	111	-113	0
-5	1	0	8	-8	0	11	4	0	23	23	1	-6	9	0	16	-16	1	-8	-14	1	22	20	0	-1	-9	1	20	19	0
-4	1	0	34	-32	0	12	4	0	13	14	1	-5	9	0	20	-20	0	-7	-14	1	2	-2	-2	0	-9	1	16	16	0
-3	1	0	95	-94	0	13	4	0	2	0	-2	-4	9	0	56	-58	0	-6	-14	1	15	-15	0	1	-9	1	11	-11	0
-2	1	0	66	66	0	-9	5	0	11	-10	1	-3	9	0	9	-9	1	-5	-14	1	20	20	0	2	-9	1	5	-5	1
-1	1	0	29	28	0	-8	5	0	7	5	1	-2	9	0	28	29	0	-4	-14	1	41	42	1	3	-9	1	53	-53	0
0	1	0	20	-19	0	-7	5	0	40	-40	0	-1	9	0	13	13	0	-3	-14	1	63	64	1	4	-9	1	3	-2	-2
1	1	0	64	65	1	-6	5	0	16	-15	1	0	9	0	4	-3	-1	-2	-14	1	24	24	0	5	-9	1	3	-1	-1
2	1	0	34	-34	0	-5	5	0	59	-59	0	1	9	0	11	-11	0	-1	-14	1	14	-14	1	6	-9	1	21	-22	1
3	1	0	20	-20	0	-4	5	0	25	-25	0	2	9	0	11	11	0	0	-14	1	9	-9	1	7	-9	1	3	2	-2
4	1	0	20	-21	0	-3	5	0	24	24	0	3	9	0	15	-14	0	1	-14	1	14	-14	1	-13	-8	1	4	0	-4
5	1	0	158	-155	1	-2	5	0	10	-9	0	4	9	0	18	-18	0	-11	-13	1	6	-4	-2	-12	-8	1	21	-21	1
6	1	0	22	22	0	-1	5	0	17	-17	0	5	9	0	31	-32	0	-10	-13	1	22	21	1	-11	-8	1	43	-44	1
7	1	0	10	-10	0	0	5	0	66	-65	0	6	9	0	13	-13	0	-9	-13	1	27	27	0	-10	-8	1	29	-31	0
8	1	0	7	6	1	1	5	0	95	-94	0	7	9	0	11	11	1	-8	-13	1	8	-9	1	-9	-8	1	46	-46	1
9	1	0	8	7	1	2	5	0	23	-23	1	8	9	0	12	12	1	-7	-13	1	10	-10	1	-8	-8	1	21	-22	1
10	1	0	20	-19	0	3	5	0	8	8	0	9	9	0	42	42	0	-6	-13	1	8	-7	1	-7	-8	1	36	36	0
11	1	0	12	12	1	4	5	0	29	28	0	10	9	0	10	9	1	-5	-13	1	20	19	0	-6	-8	1	29	30	1
12	1	0	28	-27	1	5	5	0	26	-25	0	11	9	0	7	-7	1	-4	-13	1	41	42	0	-5	-8	1	35	37	0
13	1	0	31	-31	1	6	5	0	47	-48	0	12	9	0	42	-43	0	-3	-13	1	7	7	1	-4	-8	1	98	-100	0
-11	2	0	15	14	1	7	5	0	14	-13	0	-5	10	0	21	-21	0	-2	-13	1	13	11	0	-3	-8	1	70	-71	0
-10	2	0	29	-29	1	8	5	0	20	20	0	-4	10	0	17	17	0	-1	-13	1	14	-14	1	-2	-8	1	16	15	0
-9	2	0	51	-51	0	9	5	0	25	-25	1	-3	10	0	14	13	0	0	-13	1	26	-27	0	-1	-8	1	22	-22	0
-8	2	0	35	-35	0	10	5	0	37	-39	0	-2	10	0	9	9	1	1	-13	1	2	-2	-1	0	-8	1	24	24	0
-7	2	0	62	-62	1	11	5	0	17	-16	1	-1	10	0	27	27	0	2	-13	1	23	-23	0	1	-8	1	31	-31	0
-6	2	0	44	42	1	12	5	0	2	1	-2	0	10	0	17	16	0	-12	-12	1	18	-18	1	2	-8	1	17	-17	0
-5	2	0	4	-4	1	13	5	0	30	31	1	1	10	0	29	30	0	-11	-12	1	12	-11	1	3	-8	1	60	62	0
-4	2	0	12	-12	0	-9	6	0	21	-20	1	2	10	0	11	11	0	-10	-12	1	32	-31	1	4	-8	1	22	-22	0
-3	2	0	111	-106	0	-8	6	0	6	-4	-2	3	10	0	22	-22	0	-9	-12	1	3	-2	-2	5	-8	1	12	-12	0
-2	2	0	187	-185	1	-7	6	0	38	-38	1	4	10	0	9	-10	1	-8	-12	1	14	13	0	6	-8	1	28	-28	0
-1	2	0	62	-63	0	-6	6	0	39	-39	0	5	10	0	10	9	1	-7	-12	1	15	-14	1	7	-8	1	23	-23	0
0	2	0	31	-30	0	-5	6	0	17	17	0	6	10	0	9	9	1	-6	-12	1	30	-30	0	8	-8	1	10	9	1
1	2	0	51	53	0	-4	6	0	7	-7	1	7	10	0	37	37	0	-5	-12	1	70	-71	0	-13	-7	1	27	-26	1
2	2	0	17	17	0	-3	6	0	43	44	0	8	10	0	46	46	0	-4	-12	1	33	-33	0	-12	-7	1	10	10	1
3	2	0	138	-138	1	-2	6	0	48	49	0	9	10	0	30	29	0	-3	-12	1	25	25	0	-11	-7	1	16	17	1
4	2	0	6	-5	0	-1	6	0	21	-21	0	10	10	0	14	13	1	-2	-12	1	10	-9	0	-10	-7	1	2	-2	-2
5	2	0	4	-1	0	0	6	0	42	-41	0	11	10	0	7	-7	1	-1	-12	1	10	-9	0	-9	-7	1	32	33	0
6	2	0	28	-28	0	1	6	0	68	-68	1	12	10	0	9	8	2	0	-12	1	45	-47	0	-8	-7	1	14	-14	1
7	2	0	43	-44	0	2	6	0	7	6	0	-3	11	0	16	-16	0	1	-12	1	31	-31	1	-7	-7	1	60	59	1
8	2	0	42	-42	0	3	6	0	25	25	0	-2	11	0	6	-6	1	2	-12	1	5	-5	-1	-6	-7	1	27	27	0
9	2	0	3	1	-2	4	6	0	13	11	0	-1	11	0	5	5	-1	3	-12	1	22	-21	0	-5	-7	1	30	30	0
10	2	0	29	29	0	5	6	0	33	33	0	0	11	0	17	17	0	4	-12	1	6	8	-1	-4	-7	1	29	30	0
11	2	0	9	-8	1	6	6	0	58	57	1	1	11	0	21	-21	0	-12	-11	1	23	-23	1	-3	-7	1	24	-24	0
12	2	0	10	-9	1	7	6	0	35	37	1	2	11	0	21	-21	0	-11	-11	1	14	-14	1	-2	-7	1	6	3	0
13	2	0	17	-18	1	8	6	0	4	-4	-2	3	11	0	19	18	0	-10	-11	1	30	30	0	-1	-7	1	10	-8	0
-11	3	0	27	-28	1	9	6	0	21	-22	0	4	11	0	14	-14	0	-9	-11	1	27	26	1	0	-7	1	16	17	0
-10	3	0	4	1	-4	10	6	0	29	-30	0	5	11	0	16	16	0	-8	-11	1	25	24	0	1	-7	1	93	95	1
-9	3	0	25	-24	0	11	6	0	9	9	1	6	11	0	6	-4	-2	-7	-11	1	16	-16	0	2	-7	1	21	20	0
-8	3	0	24	24	0	13	6	0	2	3	-2	7	11	0	24	-25	0	-6	-11	1	44	-45	0	3	-7	1	5	-2	1
-7	3	0	40	40	0	-8	7	0	12	11	1	8	11	0	10	9	1	-5	-11	1	26	27	0	4	-7	1	18	18	0
-6	3	0	7	5	1	-7	7	0	48	48	0	9	11	0	5	-4	-2	-4	-11	1	20	-20	1	5	-7	1	10	9	1
-5	3	0	56	56	0	-6	7	0	6	5	1	10	11	0	22	21	0	-3	-11	1	4	2	-1	6	-7	1	2	1	-2
-4	3	0	20	19	0	-5	7	0	20	-19	0	11	11	0	7	6	1	-2	-11	1	22	22	0	7	-7	1	24	-24	0
-3	3	0	15	-14	0	-4	7	0	37	37	0	-2	12	0	25	-25	0	-1	-11	1	12	11	0	8	-7	1	25	-25	0
-2	3	0	26	25	0	-3	7	0	31	32	0	-1	12	0	35	-36	0	0	-11	1	53	54	1	9	-7	1	31	29	0
-1	3	0	50	-50	1	-2	7	0	59	60	0	0	12	0	15	-15	0	1	-11	1	6	5	1	-12	-6	1	21	21	1
0	3	0	46	46	0	-1	7	0	4	-1	-1	1	12	0	20	20	0	2	-11	1	6	-7	1	-11	-6	1	45	46	1
1	3	0	17	-16	0	0	7	0	30	-30	0	2	12	0	4	4	-2	3	-11	1	7	-8	1	-10	-6	1	14	-13	1
2	3	0	105	106	1	1	7	0	3	0	-1	3	12	0	10	-10	1	4	-11	1	30	-31	0	-9	-6	1	46	-46	1
3	3	0	161	159	1	2	7	0	14	-13	0	4	12	0	7	-6	1	5	-11	1	12	11	1	-8	-6	1	11	11	1
4	3	0	54	52	0	3	7	0	32	33	0	5	12	0	32	-33	0	-13	-10	1	2	1	-2	-7	-6	1	18	-18	0
5	3	0	34	33	0	4	7	0	35	34	0	6	12	0	2	-2	-1	-11	-10	1	15	16	1	-6	-6	1	40	40	0
6	3	0	41	-42	0	5	7	0	32	32	0	7	12	0	18	-18	0	-10	-10	1	11	10	1	-5	-6	1	48	48	0
7	3	0	18	-17	0	6	7	0	24	22	0	8	12	0	39	-39	0	-9	-10	1	27	27	1	-4	-6	1	27	-26	0
8	3	0	18	18	0	7	7	0	10	10	0	9	12	0	5	6	-2	-8	-10	1	9	8	1	-3	-6	1	5	3	0
9	3	0	7	-7	1	8	7	0	23	22	0	10	12	0	23	-22	1	-7	-10	1	83	82	1	-2	-6	1	58	-57	1
10	3	0	14	14	0	9	7	0	16	17	1	11	12	0	10	10	1	-6	-10	1	9	8	1	-1	-6	1	84	84	0
11	3	0	24	25	0	10	7	0	27	-27	1	0	13	0	24	23	0	-5	-10	1	37	-38	0	0	-6	1	28	28	0
12	3	0	38	38	1	11	7	0	58	-60	1	1	13	0	9	9	1	-4	-10	1	9	9	1	1	-6	1	17	-18	0
13	3	0	18	19	1	12	7	0	2	2	-2	2	13	0	12	11	1	-3	-10	1	11	10	0	2	-6	1	4	-3	1
-10	4	0	35	33	1	-7	8	0	12	-12	1	3	13	0	8	-8	1	-2	-10	1	85	87	1	3	-6	1	17	-17	0
-9	4	0	37	37	0	-6	8	0	10	-9	1	4	13	0	23	24	1	-1	-10	1	59	61	0	4	-6	1	32	32	0

h	k	l	Fo	Fc	s	h	k	l	Fo	Fc	s	h	k	l	Fo	Fc	s	h	k	l	Fo	Fc	s	h	k	l	Fo	Fc	s
5	-6	1	3	-3	-2	-3	-2	1	37	36	1	13	1	1	6	-8	-3	8	5	1	54	-55	0	5	10	1	21	-21	0
6	-6	1	36	-36	0	-2	-2	1	12	12	0	-11	2	1	34	-33	1	9	5	1	47	-49	1	6	10	1	32	32	0
7	-6	1	26	-25	1	-1	-2	1	19	-19	0	-10	2	1	22	-23	1	10	5	1	6	6	-2	7	10	1	31	32	1
8	-6	1	9	-8	1	0	-2	1	14	15	0	-9	2	1	10	9	1	11	5	1	30	-30	1	8	10	1	2	1	-2
9	-6	1	9	8	1	1	-2	1	5	-4	0	-8	2	1	8	7	1	12	5	1	2	4	-2	9	10	1	7	6	1
10	-6	1	11	10	1	2	-2	1	48	-48	0	-7	2	1	2	1	-1	13	5	1	4	4	-4	10	10	1	5	4	-2
-13	-5	1	20	20	1	3	-2	1	64	-66	0	-6	2	1	15	14	0	-8	6	1	22	-22	0	-1	11	1	11	-11	1
-12	-5	1	10	-11	1	4	-2	1	43	-43	0	-5	2	1	9	-9	0	-7	6	1	6	-5	-1	0	11	1	24	23	0
-11	-5	1	15	-16	1	5	-2	1	14	-14	0	-4	2	1	65	-63	0	-6	6	1	20	-20	0	1	11	1	17	17	0
-10	-5	1	14	15	1	6	-2	1	1	0	-1	-3	2	1	94	-93	0	-5	6	1	10	9	1	2	11	1	30	30	0
-9	-5	1	49	-48	1	7	-2	1	50	-50	1	-2	2	1	153	-148	1	-4	6	1	35	35	0	3	11	1	8	-7	1
-8	-5	1	76	-77	1	8	-2	1	30	-31	0	-1	2	1	3	-2	-1	-3	6	1	24	-24	0	4	11	1	23	-23	0
-7	-5	1	37	-38	0	9	-2	1	6	5	-1	0	2	1	44	43	0	-2	6	1	15	-14	0	5	11	1	22	-22	0
-6	-5	1	27	-27	1	10	-2	1	26	-26	0	1	2	1	56	-55	0	-1	6	1	24	-24	0	6	11	1	36	-36	1
-5	-5	1	29	30	0	11	-2	1	24	-25	1	2	2	1	55	56	0	0	6	1	4	-3	-1	7	11	1	11	-9	1
-4	-5	1	27	27	0	12	-2	1	17	-17	1	3	2	1	72	-70	0	1	6	1	18	17	0	8	11	1	4	3	-2
-3	-5	1	15	-14	0	-12	-1	1	5	4	-3	4	2	1	38	-39	0	2	6	1	56	-58	0	9	11	1	14	14	1
-2	-5	1	4	-3	0	-11	-1	1	21	-20	1	5	2	1	33	-33	0	3	6	1	4	2	-1	1	12	1	17	16	1
-1	-5	1	8	-12	0	-10	-1	1	4	-2	-2	6	2	1	84	-84	0	4	6	1	42	43	0	2	12	1	3	-3	-2
0	-5	1	31	-32	0	-9	-1	1	55	55	0	7	2	1	21	-21	0	5	6	1	56	56	0	3	12	1	7	6	1
1	-5	1	15	-16	0	-8	-1	1	8	8	0	8	2	1	17	-17	0	6	6	1	54	55	0	4	12	1	32	-31	0
2	-5	1	53	-53	0	-7	-1	1	21	-20	0	9	2	1	8	-8	1	7	6	1	63	-63	0	5	12	1	36	-35	0
3	-5	1	9	-9	0	-6	-1	1	82	-81	0	10	2	1	31	31	0	8	6	1	5	-5	-1	6	12	1	15	-15	1
4	-5	1	24	-24	0	-5	-1	1	73	-73	1	11	2	1	9	-9	1	9	6	1	6	-6	-1	7	12	1	3	-1	-2
5	-5	1	14	14	0	-4	-1	1	15	16	0	12	2	1	4	2	-3	10	6	1	4	5	-3	8	12	1	12	11	1
6	-5	1	29	29	0	-3	-1	1	8	9	0	13	2	1	26	-26	1	11	6	1	38	37	1	-9	-16	2	30	-30	1
7	-5	1	17	-17	0	-2	-1	1	43	42	0	-10	3	1	13	-13	1	12	6	1	4	5	-4	-8	-16	2	6	5	-2
8	-5	1	41	-41	1	-1	-1	1	38	37	0	-9	3	1	21	-21	1	-7	7	1	6	5	-2	-7	-16	2	26	25	1
9	-5	1	33	-32	1	0	-1	1	12	9	1	-8	3	1	20	20	0	-6	7	1	29	29	0	-6	-16	2	3	0	-3
10	-5	1	7	-6	1	1	-1	1	16	-16	0	-7	3	1	38	37	0	-5	7	1	13	-13	1	-5	-16	2	7	4	-1
-13	-4	1	21	-21	1	2	-1	1	22	-21	0	-6	3	1	32	32	0	-4	7	1	16	16	0	-4	-16	2	7	-6	1
-12	-4	1	44	45	1	3	-1	1	18	15	0	-5	3	1	12	-12	0	-3	7	1	18	18	0	-3	-16	2	11	11	1
-11	-4	1	24	26	1	4	-1	1	27	-28	0	-4	3	1	10	-11	0	-2	7	1	40	40	0	-2	-16	2	12	11	1
-10	-4	1	16	-16	0	5	-1	1	58	-57	1	-3	3	1	35	35	0	-1	7	1	93	97	1	-11	-15	2	6	-5	-2
-9	-4	1	5	-4	-1	6	-1	1	3	0	-1	-2	3	1	57	57	0	0	7	1	15	15	0	-10	-15	2	50	-49	0
-8	-4	1	87	-86	1	7	-1	1	81	82	1	-1	3	1	29	-27	0	1	7	1	12	-12	0	-9	-15	2	23	-21	0
-7	-4	1	7	6	1	8	-1	1	60	60	0	0	3	1	5	-3	0	2	7	1	8	-6	1	-8	-15	2	27	-26	0
-6	-4	1	20	20	0	9	-1	1	4	-4	-1	1	3	1	33	34	0	3	7	1	5	3	1	-7	-15	2	7	-5	-2
-5	-4	1	35	35	0	10	-1	1	23	-22	0	2	3	1	64	64	0	4	7	1	47	46	1	-6	-15	2	12	11	1
-4	-4	1	62	64	0	11	-1	1	37	-38	1	3	3	1	165	164	1	5	7	1	2	0	-1	-5	-15	2	8	8	1
-3	-4	1	5	-4	0	12	-1	1	29	29	1	4	3	1	16	14	0	6	7	1	31	30	1	-4	-15	2	26	26	0
-2	-4	1	4	-3	0	-12	0	1	38	-38	1	5	3	1	24	-24	0	7	7	1	46	46	0	-3	-15	2	22	-23	0
-1	-4	1	26	-26	0	-11	0	1	12	11	1	6	3	1	24	23	0	8	7	1	5	5	-2	-2	-15	2	19	-20	0
0	-4	1	5	5	0	-10	0	1	21	21	1	7	3	1	33	-34	0	9	7	1	2	0	-1	-1	-15	2	16	-16	0
1	-4	1	17	-17	0	-9	0	1	28	28	1	8	3	1	86	87	1	10	7	1	8	-8	1	0	-15	2	26	-26	0
2	-4	1	16	-17	0	-8	0	1	32	32	1	9	3	1	46	45	0	11	7	1	2	1	-2	1	-15	2	15	-16	1
3	-4	1	26	25	0	-7	0	1	3	0	-1	10	3	1	32	33	1	12	7	1	23	22	1	-12	-14	2	6	0	-3
4	-4	1	58	57	0	-6	0	1	38	37	0	11	3	1	24	24	1	-6	8	1	13	-12	1	-11	-14	2	7	8	-2
5	-4	1	68	69	0	-5	0	1	7	-7	0	12	3	1	14	-14	1	-5	8	1	4	1	-2	-10	-14	2	5	-2	-2
6	-4	1	2	-1	-1	-4	0	1	35	-32	0	13	3	1	29	29	1	-4	8	1	20	-20	0	-9	-14	2	20	-19	0
7	-4	1	7	6	1	-3	0	1	26	25	0	-9	4	1	2	1	-2	-3	8	1	26	27	0	-8	-14	2	8	6	1
8	-4	1	11	-11	1	-2	0	1	83	82	1	-8	4	1	16	-15	1	-2	8	1	7	8	1	-7	-14	2	8	8	1
9	-4	1	12	-10	1	-1	0	1	63	62	0	-7	4	1	2	-2	-2	-1	8	1	11	-10	0	-6	-14	2	30	28	0
10	-4	1	17	17	1	0	0	1	41	41	0	-6	4	1	42	41	0	0	8	1	30	30	0	-5	-14	2	25	25	0
11	-4	1	2	-2	-2	1	0	1	52	52	0	-5	4	1	51	50	0	1	8	1	25	-25	0	-4	-14	2	7	7	1
-13	-3	1	15	15	1	2	0	1	38	38	0	-4	4	1	73	73	0	2	8	1	22	-23	0	-3	-14	2	24	24	0
-12	-3	1	13	-12	1	3	0	1	23	25	0	-3	4	1	2	-1	-1	3	8	1	80	-80	1	-2	-14	2	18	19	0
-11	-3	1	34	34	1	4	0	1	21	18	0	-2	4	1	9	-8	0	4	8	1	68	-68	1	-1	-14	2	5	5	-1
-10	-3	1	17	16	0	5	0	1	42	42	0	-1	4	1	3	1	-1	5	8	1	33	33	1	0	-14	2	9	-9	1
-9	-3	1	39	40	0	6	0	1	80	81	1	0	4	1	4	-3	1	6	8	1	21	22	0	1	-14	2	7	-7	1
-8	-3	1	25	25	0	7	0	1	43	43	0	1	4	1	40	40	0	7	8	1	22	22	0	2	-14	2	30	31	0
-7	-3	1	49	-49	0	8	0	1	31	31	0	2	4	1	18	-18	1	8	8	1	18	-18	0	-12	-13	2	27	27	1
-6	-3	1	11	10	0	9	0	1	2	-1	-1	3	4	1	8	7	0	9	8	1	29	-30	0	-11	-13	2	16	17	1
-5	-3	1	14	15	0	10	0	1	26	26	0	4	4	1	93	93	0	10	8	1	8	8	1	-10	-13	2	49	48	1
-4	-3	1	17	-14	0	11	0	1	11	11	1	5	4	1	9	8	0	11	8	1	20	-20	1	-9	-13	2	12	-10	1
-3	-3	1	63	63	0	12	0	1	27	-27	0	6	4	1	18	18	0	12	8	1	25	-25	1	-8	-13	2	8	-7	1
-2	-3	1	9	-9	0	-11	1	1	37	-37	1	7	4	1	7	-6	1	-4	9	1	6	-6	-1	-7	-13	2	4	-4	-2
-1	-3	1	27	27	0	-10	1	1	27	-27	0	8	4	1	38	-37	0	-3	9	1	28	-28	0	-6	-13	2	17	-16	0
0	-3	1	13	-12	0	-9	1	1	3	1	-2	9	4	1	23	23	0	-2	9	1	5	4	-2	-5	-13	2	9	8	0
1	-3	1	8	7	0	-8	1	1	52	53	0	10	4	1	2	2	-2	-1	9	1	12	-12	0	-4	-13	2	10	10	0
2	-3	1	75	74	1	-7	1	1	78	78	0	11	4	1	4	4	-4	0	9	1	12	12	0	-3	-13	2	20	21	0
3	-3	1	11	11	0	-6	1	1	24	-23	0	12	4	1	8	7	1	1	9	1	2	0	-2	-2	-13	2	10	9	0
4	-3	1	5	-4	0	-5	1	1	47	-48	0	13	4	1	39	-40	1	2	9	1	52	-51	0	-1	-13	2	11	11	0
5	-3	1	3	0	-2	-4	1	1	15	-14	0	-9	5	1	46	-44	1	3	9	1	22	-22	0	0	-13	2	9	8	1
6	-3	1	36	35	0	-3	1	1	34	-32	0	-8	5	1	15	-14	1	4	9	1	22	-21	0	1	-13	2	9	-8	1
7	-3	1	22	21	0	-2	1	1	4	3	0	-7	5	1	6	-6	1	5	9	1	6	-5	-1	2	-13	2	27	-27	0
8	-3	1	2	-1	-1	-1	1	1	83	-81	1	-6	5	1	2	-2	-2	6	9	1	19	20	0	3	-13	2	25	-25	0
9	-3	1	45	-45	0	0	1	1	61	-62	0	-5	5	1	11	12	0	7	9	1	8	8	1	4	-13	2	16	14	1
10	-3	1	27	-28	1	1	1	1	51	51	0	-4	5	1	43	-44	0	8	9	1	42	42	0	-13	-12	2	17	-17	1
11	-3	1	27	27	1	2	1	1	73	70	0	-3	5	1	15	15	0	9	9	1	7	7	1	-12	-12	2	21	20	1
-13	-2	1	24	-25	1	3	1	1	6	-4	0	-2	5	1	4	4	-1	10	9	1	31	-31	0	-11	-12	2	12	11	1
-12	-2	1	9	-9	1	4	1	1	10	-10	1	-1	5	1	68	-67	1	11	9	1	15	-15	1	-10	-12	2	13	-13	1
-11	-2	1	23	24	0	5	1	1	84	-83	1	0	5	1	90	-90	1	-3	10	1	5	-5	-2	-9	-12	2	9	9	1
-10	-2	1	56	56	1	6	1	1	63	-63	1	1	5	1	148	-152	1	-2	10	1	11	-11	1	-8	-12	2	47	-46	0
-9	-2	1	6	-5	1	7	1	1	17	-18	0	2	5	1	8	7	0	-1	10	1	23	23	1	-7	-12	2	49	-49	1
-8	-2	1	2	2	-1	8	1	1	12	13	0	3	5	1	7	-6	0	0	10	1	5	6	-1	-6	-12	2	32	-32	0
-7	-2	1	28	-29	0	9	1	1	14	14	0	4	5	1	19	19	0	1	10	1	39	40	0	-5	-12	2	50	-50	0
-6	-2	1	93	-92	1	10	1	1	49	-50	1	5	5	1	32	33	0	2	10	1	34	34	0	-4	-12	2	5	-4	1
-5	-2	1	36	-35	0	11	1	1	39	-39	0	6	5	1	63	-65	0	3	10	1	3	-3	-2	-3	-12	2	8	-7	0
-4	-2	1	35	-36	0	12	1	1	7	-7	-2	7	5	1	22	-22	0	4	10	1	4	-2	-2	-2	-12	2	23	24	0

h	k	l	Fo	Fc	s
-1	-12	2	13	12	0
0	-12	2	34	-35	1
1	-12	2	47	-49	0
2	-12	2	45	-46	0
3	-12	2	23	-24	0
4	-12	2	20	-21	1
5	-12	2	6	-4	-2
-13	-11	2	21	-20	1
-12	-11	2	29	-29	1
-11	-11	2	26	26	1
-10	-11	2	14	14	1
-9	-11	2	2	0	-1
-8	-11	2	7	-6	1
-7	-11	2	30	-29	0
-6	-11	2	3	-3	-1
-5	-11	2	10	9	0
-4	-11	2	16	16	0
-3	-11	2	25	25	0
-2	-11	2	21	20	0
-1	-11	2	25	24	0
0	-11	2	46	48	1
1	-11	2	21	21	0
2	-11	2	21	-21	0
3	-11	2	34	-34	1
4	-11	2	14	-14	1
5	-11	2	55	55	1
6	-11	2	53	54	1
-13	-10	2	2	3	-2
-12	-10	2	13	14	1
-11	-10	2	12	-12	1
-10	-10	2	30	31	0
-9	-10	2	23	22	1
-8	-10	2	50	49	0
-7	-10	2	41	40	0
-6	-10	2	6	5	1
-5	-10	2	30	30	0
-4	-10	2	6	6	0
-3	-10	2	11	11	0
-2	-10	2	15	14	0
-1	-10	2	56	57	0
0	-10	2	51	53	0
1	-10	2	16	16	0
2	-10	2	4	3	-1
3	-10	2	6	4	1
4	-10	2	21	21	1
5	-10	2	11	-11	1
6	-10	2	8	7	1
7	-10	2	17	18	1
-12	-9	2	47	-49	1
-11	-9	2	13	-13	1
-10	-9	2	18	18	1
-9	-9	2	32	32	0
-8	-9	2	23	-24	1
-7	-9	2	37	-38	0
-6	-9	2	11	11	0
-5	-9	2	18	-18	0
-4	-9	2	61	-60	0
-3	-9	2	83	-83	0
-2	-9	2	85	-85	0
-1	-9	2	21	-20	0
0	-9	2	32	33	0
1	-9	2	47	48	0
2	-9	2	5	5	0
3	-9	2	56	-56	0
4	-9	2	85	-86	1
5	-9	2	34	-34	0
6	-9	2	8	-7	1
7	-9	2	9	9	1
8	-9	2	25	-24	1
-13	-8	2	12	-13	1
-12	-8	2	12	-12	1
-11	-8	2	3	-4	-3
-10	-8	2	24	-24	0
-9	-8	2	39	-38	0
-8	-8	2	6	6	1
-7	-8	2	13	13	0
-6	-8	2	41	-41	0
-5	-8	2	42	-43	0
-4	-8	2	57	-56	0
-3	-8	2	41	-41	1
-2	-8	2	8	8	0
-1	-8	2	31	-32	0
0	-8	2	24	23	0
1	-8	2	63	64	0
2	-8	2	13	-13	0
3	-8	2	3	2	-1
4	-8	2	35	-35	1
5	-8	2	24	-24	0
6	-8	2	21	-21	0
7	-8	2	19	-19	0
8	-8	2	36	34	1
9	-8	2	23	22	1
-13	-7	2	27	26	1
-12	-7	2	9	9	1
-11	-7	2	8	-8	1
-10	-7	2	22	23	0
-9	-7	2	48	50	1
-8	-7	2	2	-1	-1
-7	-7	2	16	-17	0
-6	-7	2	27	26	0
-5	-7	2	95	94	1
-4	-7	2	147	146	1
-3	-7	2	4	3	0
-2	-7	2	64	-63	0
-1	-7	2	54	53	0
0	-7	2	17	16	0
1	-7	2	99	99	1
2	-7	2	70	70	0
3	-7	2	3	1	-1
4	-7	2	32	32	0
5	-7	2	17	-16	0
6	-7	2	7	7	1
7	-7	2	33	33	0
8	-7	2	8	-8	1
9	-7	2	23	23	1
-13	-6	2	20	19	1
-12	-6	2	12	12	1
-11	-6	2	11	11	1
-10	-6	2	13	-14	1
-9	-6	2	34	-35	0
-8	-6	2	11	-12	1
-7	-6	2	41	41	0
-6	-6	2	59	59	0
-5	-6	2	22	21	0
-4	-6	2	57	-56	1
-3	-6	2	41	42	0
-2	-6	2	25	-25	0
-1	-6	2	26	-28	0
0	-6	2	31	-32	0
1	-6	2	97	-96	0
2	-6	2	62	62	0
3	-6	2	64	65	0
4	-6	2	7	-8	0
5	-6	2	33	33	0
6	-6	2	56	-57	0
7	-6	2	21	-21	0
8	-6	2	14	-14	1
9	-6	2	19	-19	1
10	-6	2	14	15	1
-13	-5	2	9	-10	1
-12	-5	2	9	-11	1
-11	-5	2	44	-44	1
-10	-5	2	26	-26	0
-9	-5	2	7	-6	1
-8	-5	2	30	-29	0
-7	-5	2	32	-32	0
-6	-5	2	78	-78	1
-5	-5	2	9	-9	0
-4	-5	2	2	3	-1
-3	-5	2	20	-21	1
-2	-5	2	64	-64	0
-1	-5	2	136	-138	1
0	-5	2	56	-58	0
1	-5	2	22	23	0
2	-5	2	46	-46	0
3	-5	2	75	75	1
4	-5	2	13	12	0
5	-5	2	15	-14	0
6	-5	2	2	-1	-1
7	-5	2	63	-63	0
8	-5	2	19	-20	1
9	-5	2	19	-20	1
10	-5	2	20	-21	1
-13	-4	2	12	13	1
-12	-4	2	15	16	1
-11	-4	2	35	37	1
-10	-4	2	14	-15	0
-9	-4	2	4	-3	-2
-8	-4	2	12	12	0
-7	-4	2	7	-6	0
-6	-4	2	63	63	1
-5	-4	2	41	-41	0
-4	-4	2	46	-43	0
-3	-4	2	31	32	0
-2	-4	2	44	44	1
-1	-4	2	129	130	1
0	-4	2	90	-89	1
1	-4	2	4	0	0
2	-4	2	11	12	0
3	-4	2	29	28	0
4	-4	2	93	92	1
5	-4	2	14	-14	0
6	-4	2	11	-11	0
7	-4	2	17	16	0
8	-4	2	18	-18	0
9	-4	2	29	30	1
10	-4	2	2	-1	-2
11	-4	2	2	-1	-2
-13	-3	2	29	29	1
-12	-3	2	23	23	1
-11	-3	2	34	34	1
-10	-3	2	30	30	0
-9	-3	2	11	12	1
-8	-3	2	41	40	1
-7	-3	2	16	16	0
-6	-3	2	69	-69	0
-5	-3	2	17	16	0
-4	-3	2	18	18	0
-3	-3	2	73	79	1
-2	-3	2	93	92	0
-1	-3	2	15	-14	0
0	-3	2	29	28	0
1	-3	2	57	-55	1
2	-3	2	42	-39	0
3	-3	2	10	8	0
4	-3	2	21	-22	0
5	-3	2	87	89	0
6	-3	2	8	-8	0
7	-3	2	16	16	0
8	-3	2	18	17	0
9	-3	2	20	-20	0
10	-3	2	7	-6	1
11	-3	2	31	-31	1
-12	-2	2	28	28	1
-11	-2	2	11	-11	1
-10	-2	2	2	-3	-1
-9	-2	2	17	-18	0
-8	-2	2	54	-55	0
-7	-2	2	22	22	0
-6	-2	2	37	-37	0
-5	-2	2	15	-14	0
-4	-2	2	30	-28	0
-3	-2	2	50	-52	1
-2	-2	2	50	49	0
-1	-2	2	52	52	1
0	-2	2	70	-72	1
1	-2	2	111	-107	1
2	-2	2	83	-89	0
3	-2	2	40	40	0
4	-2	2	35	35	1
5	-2	2	22	-22	0
6	-2	2	2	1	-1
7	-2	2	3	2	-1
8	-2	2	9	9	0
9	-2	2	3	-3	-2
10	-2	2	48	-48	0
11	-2	2	31	-31	1
12	-2	2	31	-31	1
-12	-1	2	25	-25	1
-11	-1	2	5	-6	-2
-10	-1	2	20	-20	0
-9	-1	2	12	11	1
-8	-1	2	15	16	0
-7	-1	2	5	5	1
-6	-1	2	40	39	0
-5	-1	2	83	-82	0
-4	-1	2	43	-43	0
-3	-1	2	58	57	0
-2	-1	2	22	-22	0
-1	-1	2	58	59	0
0	-1	2	84	-86	1
1	-1	2	18	17	0
2	-1	2	38	37	0
3	-1	2	30	-31	0
4	-1	2	19	20	0
5	-1	2	3	-2	-1
6	-1	2	38	39	0
7	-1	2	35	35	0
8	-1	2	11	-11	0
9	-1	2	5	5	-1
10	-1	2	2	-3	-2
11	-1	2	10	-11	1
12	-1	2	9	-10	2
-11	0	2	20	20	1
-10	0	2	11	11	1
-9	0	2	15	14	1
-8	0	2	62	63	0
-7	0	2	31	30	0
-6	0	2	6	5	1
-5	0	2	8	8	0
-4	0	2	43	-43	0
-3	0	2	7	6	0
-2	0	2	3	2	-1
-1	0	2	13	17	0
0	0	2	77	82	0
1	0	2	13	13	0
2	0	2	16	-16	0
3	0	2	25	24	0
4	0	2	5	4	1
5	0	2	52	54	0
6	0	2	42	-42	0
7	0	2	12	-12	0
8	0	2	47	48	1
9	0	2	33	33	0
10	0	2	33	33	0
11	0	2	2	-1	-2
12	0	2	12	-11	1
-11	1	2	27	-26	1
-10	1	2	7	7	-1
-9	1	2	24	24	1
-8	1	2	2	-1	-2
-7	1	2	33	32	0
-6	1	2	27	-27	0
-5	1	2	5	-4	1
-4	1	2	36	-36	0
-3	1	2	71	-71	1
-2	1	2	33	33	0
-1	1	2	4	4	0
0	1	2	15	15	0
1	1	2	3	2	-1
2	1	2	16	-16	0
3	1	2	10	9	0
4	1	2	86	-86	1
5	1	2	68	-68	0
6	1	2	11	-11	0
7	1	2	15	15	0
8	1	2	19	18	0
9	1	2	2	0	-1
10	1	2	17	-17	0
11	1	2	3	-5	-2
12	1	2	13	-14	1
-10	2	2	26	-25	1
-9	2	2	15	-14	1
-8	2	2	17	-16	1
-7	2	2	9	-9	0
-6	2	2	36	35	0
-5	2	2	23	-23	0
-4	2	2	3	0	-1
-3	2	2	5	-4	1
-2	2	2	59	-59	0
-1	2	2	14	14	0
0	2	2	20	-19	0
1	2	2	25	25	0
2	2	2	18	-18	0
3	2	2	73	-77	0
4	2	2	10	-8	0
5	2	2	11	-11	0
6	2	2	26	27	0
7	2	2	16	-15	1
8	2	2	35	-36	0
9	2	2	19	19	0
10	2	2	17	17	0
11	2	2	5	4	-2
12	2	2	18	-18	1
-9	3	2	24	-24	1
-8	3	2	23	23	1
-7	3	2	11	10	1
-6	3	2	20	20	1
-5	3	2	73	73	0
-4	3	2	15	14	0
-3	3	2	21	20	0
-2	3	2	32	-31	0
-1	3	2	47	-47	0
0	3	2	24	24	0
1	3	2	27	26	1
2	3	2	54	55	1
3	3	2	51	51	0
4	3	2	17	17	0
5	3	2	10	10	0
6	3	2	7	7	1
7	3	2	42	43	0
8	3	2	28	28	0
9	3	2	2	-1	-2
10	3	2	14	13	1
11	3	2	24	26	1
12	3	2	34	33	1
-8	4	2	33	-32	0
-7	4	2	17	18	0
-6	4	2	20	19	0
-5	4	2	45	44	0
-4	4	2	46	45	1
-3	4	2	40	-41	0
-2	4	2	27	-27	0
-1	4	2	38	-38	0
0	4	2	10	-9	1
1	4	2	72	74	1
2	4	2	22	22	0
3	4	2	9	-9	0
4	4	2	5	-5	-1
5	4	2	23	23	0
6	4	2	23	24	0
7	4	2	20	-20	0
8	4	2	49	-49	0
9	4	2	25	-25	1
10	4	2	25	26	1
11	4	2	32	31	1
12	4	2	15	16	1
-8	5	2	11	-10	2
-7	5	2	36	-36	0
-6	5	2	7	-6	1
-5	5	2	19	-19	0
-4	5	2	26	26	0
-3	5	2	15	14	0
-2	5	2	51	-53	0
-1	5	2	29	-29	0
0	5	2	39	-40	0
1	5	2	26	-25	0
2	5	2	9	8	0
3	5	2	15	-15	0
4	5	2	26	-27	0
5	5	2	30	-30	0
6	5	2	55	-56	0
7	5	2	30	-31	0
8	5	2	3	-2	-2
9	5	2	28	-28	0
10	5	2	22	-22	0
11	5	2	7	-7	-2
12	5	2	12	11	1
-6	6	2	24	-24	0
-5	6	2	37	38	0
-4	6	2	19	19	0
-3	6	2	23	23	0
-2	6	2	6	6	1
-1	6	2	15	-14	0
0	6	2	16	17	0
1	6	2	14	-13	0
2	6	2	13	-12	0
3	6	2	7	-5	1
4	6	2	23	-24	1
5	6	2	14	14	1
6	6	2	58	59	0
7	6	2	23	23	0
8	6	2	12	-13	1
9	6	2	11	-10	1
10	6	2	2	0	-2
11	6	2	40	40	0
12	6	2	12	12	1
-5	7	2	7	-6	1
-4	7	2	28	28	0
-3	7	2	59	60	0
-2	7	2	49	50	0
-1	7	2	12	11	1
0	7	2	20	-20	0
1	7	2	3	-1	-1
2	7	2	5	5	-1
3	7	2	3	3	-1
4	7	2	45	43	0
5	7	2	34	34	0
6	7	2	31	32	1
7	7	2	33	32	0
8	7	2	2	0	-2
9	7	2	15	15	1
10	7	2	5	-5	-3
11	7	2	26	-26	1
-4	8	2	11	10	1
-3	8	2	7	-7	1
-2	8	2	10	-10	1
-1	8	2	3	-2	-2
0	8	2	6	6	-1
1	8	2	9	-8	1
2	8	2	41	-41	0
3	8	2	17	-17	0
4	8	2	17	-16	0
5	8	2	8	9	1
6	8	2	7	-6	-2
7	8	2	15	-16	1
8	8	2	3	3	-2
9	8	2	47	-47	1
10	8	2	19	-19	1
-2	9	2	22	22	0

h	k	l	Fo	Fc	s
-1	9	2	22	22	0
0	9	2	15	-16	0
1	9	2	16	-16	1
2	9	2	11	-11	1
3	9	2	7	-7	1
4	9	2	14	-15	1
5	9	2	35	-36	0
6	9	2	9	-8	1
7	9	2	2	0	-2
8	9	2	3	2	-2
9	9	2	20	20	1
0	10	2	43	43	1
1	10	2	20	21	0
2	10	2	22	21	0
3	10	2	18	-19	0
4	10	2	2	0	-2
5	10	2	11	11	1
6	10	2	8	-8	1
7	10	2	26	26	1
8	10	2	18	17	1
-9	-17	3	26	-25	1
-8	-17	3	11	10	1
-7	-17	3	26	27	1
-6	-17	3	43	42	0
-5	-17	3	37	36	0
-4	-17	3	9	-8	1
-3	-17	3	6	5	-1
-2	-17	3	9	-9	1
-11	-16	3	31	-32	1
-10	-16	3	9	-8	1
-9	-16	3	9	8	1
-8	-16	3	2	1	-2
-7	-16	3	2	-3	-2
-6	-16	3	7	-7	1
-5	-16	3	27	26	0
-4	-16	3	27	27	0
-3	-16	3	44	-45	0
-2	-16	3	21	-21	0
-1	-16	3	20	-20	0
0	-16	3	3	-2	-3
1	-16	3	27	27	0
-12	-15	3	11	-11	1
-11	-15	3	21	20	1
-10	-15	3	5	1	-2
-9	-15	3	29	-28	0
-8	-15	3	53	-53	1
-7	-15	3	21	-21	1
-6	-15	3	39	39	0
-5	-15	3	5	-4	-1
-4	-15	3	8	-7	1
-3	-15	3	29	-29	0
-2	-15	3	32	-33	0
-1	-15	3	18	19	0
0	-15	3	12	-12	1
1	-15	3	2	-2	-2
2	-15	3	16	15	1
-12	-14	3	26	25	1
-11	-14	3	11	10	2
-10	-14	3	14	14	1
-9	-14	3	15	-15	0
-8	-14	3	5	1	-1
-7	-14	3	19	-19	0
-6	-14	3	22	-21	0
-5	-14	3	29	28	0
-4	-14	3	24	24	0
-3	-14	3	49	50	0
-2	-14	3	5	3	1
-1	-14	3	23	-23	0
0	-14	3	39	41	0
1	-14	3	9	-9	1
2	-14	3	12	12	1
3	-14	3	7	6	1
4	-14	3	10	-9	1
-13	-13	3	2	-2	-2
-12	-13	3	33	34	0
-11	-13	3	25	25	0
-10	-13	3	22	21	1
-9	-13	3	9	8	1
-8	-13	3	60	-59	1
-7	-13	3	26	-26	0
-6	-13	3	10	10	0
-5	-13	3	33	33	0
-4	-13	3	49	49	0
-3	-13	3	8	-7	0
-2	-13	3	33	33	0
-1	-13	3	5	-3	1
0	-13	3	22	-21	0
1	-13	3	4	-4	-1
2	-13	3	38	-38	1
3	-13	3	12	12	1

h	k	l	Fo	Fc	s
4	-13	3	15	15	1
5	-13	3	3	-2	-2
-13	-12	3	6	-7	-3
-12	-12	3	11	-11	1
-11	-12	3	10	11	1
-10	-12	3	20	-19	0
-9	-12	3	14	-14	0
-8	-12	3	17	16	0
-7	-12	3	42	-41	1
-6	-12	3	16	-15	1
-5	-12	3	42	-41	1
-4	-12	3	6	-5	1
-3	-12	3	33	34	0
-2	-12	3	21	-21	0
-1	-12	3	17	-17	0
0	-12	3	48	-47	0
1	-12	3	24	-24	0
2	-12	3	11	11	0
3	-12	3	31	-31	0
4	-12	3	7	6	1
5	-12	3	9	-9	1
6	-12	3	13	-13	1
-13	-11	3	7	-7	-2
-12	-11	3	23	-23	1
-11	-11	3	5	-4	-2
-10	-11	3	51	-50	0
-9	-11	3	7	-6	0
-8	-11	3	24	-24	0
-7	-11	3	7	-3	1
-6	-11	3	38	39	0
-5	-11	3	28	29	0
-4	-11	3	44	44	0
-3	-11	3	16	-15	0
-2	-11	3	3	2	-1
-1	-11	3	28	28	0
0	-11	3	6	6	1
1	-11	3	15	15	1
2	-11	3	6	6	-2
3	-11	3	12	11	1
4	-11	3	22	22	1
5	-11	3	2	0	-2
6	-11	3	24	24	0
-9	-10	3	50	52	1
-8	-10	3	10	10	0
-7	-10	3	67	66	0
-6	-10	3	21	-20	1
-5	-10	3	88	-88	1
-4	-10	3	8	-7	0
-3	-10	3	9	9	0
-2	-10	3	118	118	0
-1	-10	3	39	39	0
0	-10	3	3	-4	-1
1	-10	3	30	29	0
2	-10	3	17	17	0
3	-10	3	25	25	0
4	-10	3	18	-19	1
5	-10	3	32	-32	0
6	-10	3	10	9	1
7	-10	3	22	21	1
-13	-9	3	7	-8	-2
-12	-9	3	4	-3	-3
-11	-9	3	10	-10	1
-10	-9	3	37	-37	0
-9	-9	3	16	15	1
-8	-9	3	44	44	1
-7	-9	3	13	-13	0
-6	-9	3	20	-20	0
-5	-9	3	83	-83	0
-4	-9	3	44	-43	0
-3	-9	3	4	3	0
-2	-9	3	47	-47	1
-1	-9	3	13	13	0
0	-9	3	6	5	0
1	-9	3	24	-25	0
2	-9	3	30	-30	0
3	-9	3	82	-82	0
4	-9	3	15	-14	0
5	-9	3	21	-21	0
6	-9	3	31	-31	0
7	-9	3	4	-3	-2
8	-9	3	2	-2	-2
-13	-8	3	28	29	1
-12	-8	3	17	-17	1
-11	-8	3	49	-50	1
-10	-8	3	27	-28	0

h	k	l	Fo	Fc	s
-9	-8	3	45	-46	0
-8	-8	3	52	52	0
-7	-8	3	15	13	0
-6	-8	3	19	18	0
-5	-8	3	3	0	-1
-4	-8	3	96	-98	0
-3	-8	3	31	-31	0
-2	-8	3	5	-4	0
-1	-8	3	5	5	0
0	-8	3	26	-26	0
1	-8	3	56	-56	0
2	-8	3	38	38	0
3	-8	3	62	62	0
4	-8	3	9	9	0
5	-8	3	30	-31	0
6	-8	3	31	-31	1
7	-8	3	4	3	-2
8	-8	3	37	37	0
9	-8	3	13	13	1
-13	-7	3	11	-11	1
-12	-7	3	10	10	1
-11	-7	3	12	-12	1
-10	-7	3	12	-13	1
-9	-7	3	20	20	0
-8	-7	3	10	10	0
-7	-7	3	111	111	1
-6	-7	3	69	69	0
-5	-7	3	16	16	0
-4	-7	3	55	55	0
-3	-7	3	46	-47	0
-2	-7	3	21	20	0
-1	-7	3	30	-28	0
0	-7	3	42	42	0
1	-7	3	130	132	0
2	-7	3	76	76	1
3	-7	3	72	72	0
4	-7	3	2	0	-1
5	-7	3	20	20	0
6	-7	3	25	25	0
7	-7	3	11	-11	0
8	-7	3	2	1	-2
9	-7	3	22	22	1
-13	-6	3	20	22	1
-12	-6	3	17	17	1
-11	-6	3	22	23	1
-10	-6	3	38	-39	1
-9	-6	3	10	-9	1
-8	-6	3	33	33	0
-7	-6	3	15	15	0
-6	-6	3	47	46	0
-5	-6	3	15	-15	0
-4	-6	3	32	-31	0
-3	-6	3	4	2	1
-2	-6	3	48	-47	1
-1	-6	3	25	-21	0
0	-6	3	18	-18	0
1	-6	3	43	-43	0
2	-6	3	17	16	0
3	-6	3	33	33	0
4	-6	3	35	35	0
5	-6	3	39	-40	1
6	-6	3	73	-75	1
7	-6	3	35	-35	0
8	-6	3	11	-11	1
9	-6	3	14	13	1
10	-6	3	6	5	-2
-13	-5	3	13	14	1
-12	-5	3	7	-8	-2
-11	-5	3	20	-21	1
-10	-5	3	23	23	1
-9	-5	3	56	-56	1
-8	-5	3	47	-47	0
-7	-5	3	69	-71	1
-6	-5	3	55	-55	0
-5	-5	3	52	51	1
-4	-5	3	12	-12	0
-3	-5	3	28	-27	0
-2	-5	3	76	-74	1
-1	-5	3	135	-132	1
0	-5	3	74	-72	0
1	-5	3	7	-7	0
2	-5	3	21	-21	0
3	-5	3	40	-40	0
4	-5	3	23	-23	0
5	-5	3	14	-14	0
6	-5	3	16	15	0
7	-5	3	15	-15	0
8	-5	3	43	-42	0
9	-5	3	16	-15	1
10	-5	3	6	3	-2

h	k	l	Fo	Fc	s
-12	-4	3	43	43	1
-11	-4	3	22	22	1
-10	-4	3	15	-14	1
-9	-4	3	13	-13	0
-8	-4	3	43	-43	0
-7	-4	3	23	24	0
-6	-4	3	27	27	0
-5	-4	3	18	18	0
-4	-4	3	96	94	0
-3	-4	3	22	21	0
-2	-4	3	53	51	0
-1	-4	3	63	63	1
0	-4	3	52	-51	0
1	-4	3	25	-24	0
2	-4	3	20	-20	0
3	-4	3	26	25	0
4	-4	3	101	101	0
5	-4	3	92	92	2
6	-4	3	18	17	0
7	-4	3	9	10	0
8	-4	3	2	-2	-2
9	-4	3	2	-1	-2
10	-4	3	7	6	1
11	-4	3	7	-7	-2
-12	-3	3	15	-16	1
-11	-3	3	24	24	1
-10	-3	3	36	36	1
-9	-3	3	42	41	0
-8	-3	3	10	10	0
-7	-3	3	40	-39	0
-6	-3	3	29	28	0
-5	-3	3	73	73	1
-4	-3	3	91	89	0
-3	-3	3	74	71	1
-2	-3	3	26	-26	0
-1	-3	3	15	-15	0
0	-3	3	21	21	0
1	-3	3	23	-23	0
2	-3	3	23	21	1
3	-3	3	16	15	0
4	-3	3	26	-25	0
5	-3	3	69	70	0
6	-3	3	60	60	1
7	-3	3	10	10	1
8	-3	3	28	-28	1
9	-3	3	70	-70	0
10	-3	3	8	-8	1
11	-3	3	32	31	1
-11	-2	3	6	7	-3
-10	-2	3	16	16	1
-9	-2	3	22	-21	0
-8	-2	3	27	-27	0
-7	-2	3	7	-6	1
-6	-2	3	14	-13	0
-5	-2	3	47	-47	0
-4	-2	3	62	-62	0
-3	-2	3	40	-40	0
-2	-2	3	15	-14	0
-1	-2	3	22	-20	0
0	-2	3	11	-11	0
1	-2	3	9	-8	0
2	-2	3	101	-99	1
3	-2	3	74	-72	0
4	-2	3	24	-23	0
5	-2	3	11	-11	0
6	-2	3	39	40	0
7	-2	3	23	-23	0
8	-2	3	37	-38	0
9	-2	3	11	10	1
10	-2	3	33	-33	1
11	-2	3	7	-7	-2
-11	-1	3	16	-15	1
-10	-1	3	6	5	-2
-9	-1	3	41	41	0
-8	-1	3	7	6	1
-7	-1	3	57	-57	0
-6	-1	3	70	-70	0
-5	-1	3	4	-3	1
-4	-1	3	12	12	0
-3	-1	3	14	14	0
-2	-1	3	29	-28	0
-1	-1	3	9	9	0
0	-1	3	77	78	0
1	-1	3	23	24	0
2	-1	3	21	-20	0
3	-1	3	88	-87	1
4	-1	3	34	-34	0
5	-1	3	20	20	0
6	-1	3	10	10	0
7	-1	3	81	80	0

h	k	l	Fo	Fc	s
8	-1	3	18	18	0
9	-1	3	10	-10	1
10	-1	3	3	2	-2
11	-1	3	11	-11	1
12	-1	3	29	29	1
-10	0	3	36	36	1
-9	0	3	7	6	1
-8	0	3	5	5	-1
-7	0	3	11	11	0
-6	0	3	29	29	0
-5	0	3	45	45	0
-4	0	3	1	1	-1
-3	0	3	4	-4	1
-2	0	3	68	69	0
-1	0	3	64	63	1
0	0	3	34	34	0
1	0	3	26	25	0
2	0	3	14	-14	0
3	0	3	7	7	1
4	0	3	49	-50	0
5	0	3	10	-10	1
6	0	3	44	44	0
7	0	3	26	26	0
8	0	3	56	56	1
9	0	3	6	6	-1
10	0	3	2	1	-2
11	0	3	2	0	-2
12	0	3	44	-43	0
-10	1	3	6	-7	-3
-9	1	3	9	7	1
-8	1	3	17	17	0
-7	1	3	14	14	0
-6	1	3	8	-8	0
-5	1	3	35	-34	0
-4	1	3	35	35	0
-3	1	3	2	1	-1
-2	1	3	40	-40	0
-1	1	3	21	-21	1
0	1	3	41	-41	0
1	1	3	51	51	0
2	1	3	4	-3	-1
3	1	3	50	-51	0
4	1	3	26	-26	0
5	1	3	42	-43	0
6	1	3	13	13	1
7	1	3	2	2	-2
8	1	3	13	-12	1
9	1	3	16	17	0
10	1	3	31	-30	1
11	1	3	17	-16	1
12	1	3	5	-4	-3
-9	2	3	3	-3	-2
-8	2	3	9	-8	1
-7	2	3	2	-1	-1
-6	2	3	6	6	1
-5	2	3	3	3	-2
-4	2	3	33	-32	0
-3	2	3	30	-30	0
-2	2	3	41	-41	0
-1	2	3	16	-16	0
0	2	3	26	27	0
1	2	3	32	-31	0
2	2	3	39	40	0
3	2	3	28	28	1
4	2	3	3	0	-2
5	2	3	10	-10	0
6	2	3	81	-82	0
7	2	3	6	5	1
8	2	3	4	3	-2
9	2	3	12	12	1
10	2	3	39	40	0
11	2	3	8	-8	-2
12	2	3	5	5	-5
-8	3	3	24	23	1
-7	3	3	27	26	0
-6	3	3	7	7	1
-5	3	3	5	4	-1
-4	3	3	14	-13	1
-3	3	3	15	15	0
-2	3	3	29	30	0
-1	3	3	13	-12	0
0	3	3	14	14	0
1	3	3	41	39	1
2	3	3	47	47	0
3	3	3	46	46	1
4	3	3	17	-15	0
5	3	3	20	-20	0
6	3	3	10	-9	1
7	3	3	17	-17	0
8	3	3	36	36	0

Observed and calculated structure factors for Hubeite in P-1

h	k	l	Fo	Fc	s
9	3	3	23	23	0
10	3	3	21	21	1
11	3	3	33	33	1
-7	4	3	3	1	-2
-6	4	3	9	9	1
-5	4	3	7	-7	1
-4	4	3	22	21	0
-3	4	3	5	-2	-2
-2	4	3	4	1	-2
-1	4	3	25	26	0
0	4	3	27	-28	0
1	4	3	4	-1	-1
2	4	3	25	-25	0
3	4	3	7	6	1
4	4	3	37	36	0
5	4	3	27	-28	0
6	4	3	16	-17	0
7	4	3	35	-36	0
8	4	3	4	-4	-3
9	4	3	26	25	0
10	4	3	8	-7	1
11	4	3	12	11	1
-6	5	3	6	4	-2
-5	5	3	3	-2	-2
-4	5	3	14	-14	1
-3	5	3	19	19	0
-2	5	3	3	2	-2
-1	5	3	17	-18	0
0	5	3	39	-39	0
1	5	3	62	-62	0
2	5	3	16	15	0
3	5	3	16	16	0
4	5	3	3	-4	-2
5	5	3	4	-2	-3
6	5	3	30	-30	0
7	5	3	6	5	-2
8	5	3	24	-24	0
9	5	3	20	-20	1
10	5	3	6	-4	-2
11	5	3	30	-30	1
-4	6	3	10	10	1
-3	6	3	7	8	1
-2	6	3	22	23	0
-1	6	3	27	-26	1
0	6	3	11	10	1
1	6	3	3	1	-2
2	6	3	22	-21	0
3	6	3	27	26	0
4	6	3	30	30	1
5	6	3	48	49	0
6	6	3	13	13	1
7	6	3	28	-28	0
8	6	3	9	-9	1
9	6	3	5	-3	-3
10	6	3	11	10	1
-3	7	3	4	-3	-4
-2	7	3	14	14	1
-1	7	3	41	41	0
0	7	3	21	-21	0
1	7	3	2	1	-1
2	7	3	3	1	-2
3	7	3	21	19	0
4	7	3	51	50	1
5	7	3	17	-17	1
6	7	3	6	-5	-2
7	7	3	8	8	-2
8	7	3	7	7	-2
9	7	3	11	10	1
-1	8	3	12	12	2
0	8	3	13	12	1
1	8	3	24	-23	0
2	8	3	3	-2	-2
3	8	3	45	-43	1
4	8	3	37	-35	1
5	8	3	18	18	0
6	8	3	3	0	-2
7	8	3	3	-1	-2
8	8	3	24	-24	1
3	9	3	3	-2	-3
4	9	3	11	-11	1
5	9	3	3	3	-3
-9	-18	4	30	28	1
-8	-18	4	11	10	1
-7	-18	4	22	22	0
-6	-18	4	7	-7	-1
-5	-18	4	11	-11	1
-4	-18	4	25	25	0
-3	-18	4	9	-10	1
-2	-18	4	16	-16	1
-10	-17	4	4	-3	-3

h	k	l	Fo	Fc	s
-9	-17	4	32	31	0
-8	-17	4	32	31	0
-7	-17	4	10	10	1
-6	-17	4	40	39	0
-5	-17	4	9	9	1
-4	-17	4	11	-10	1
-3	-17	4	7	-6	1
-2	-17	4	3	1	-3
-1	-17	4	36	37	0
0	-17	4	17	18	1
-11	-16	4	23	-24	1
-10	-16	4	9	9	1
-9	-16	4	26	-26	0
-8	-16	4	2	-2	-2
-7	-16	4	6	-5	1
-6	-16	4	41	-42	0
-5	-16	4	6	-5	1
-4	-16	4	13	-13	0
-3	-16	4	21	20	0
-2	-16	4	7	-7	1
-1	-16	4	47	-47	0
0	-16	4	21	-21	0
1	-16	4	3	2	-3
2	-16	4	27	27	1
-12	-15	4	21	22	1
-11	-15	4	12	-11	1
-10	-15	4	52	-52	0
-9	-15	4	30	-30	0
-8	-15	4	33	-33	0
-7	-15	4	3	-1	-3
-6	-15	4	4	4	-2
-5	-15	4	14	-14	0
-4	-15	4	14	14	0
-3	-15	4	10	-9	0
-2	-15	4	15	-15	0
-1	-15	4	7	-5	1
0	-15	4	23	-22	0
1	-15	4	20	-20	0
2	-15	4	17	-16	1
3	-15	4	18	18	0
-13	-14	4	50	49	1
-12	-14	4	9	-9	1
-11	-14	4	9	9	1
-10	-14	4	11	-10	1
-9	-14	4	23	22	0
-8	-14	4	33	31	0
-7	-14	4	5	-4	-1
-6	-14	4	23	22	0
-5	-14	4	20	20	0
-4	-14	4	26	26	0
-3	-14	4	42	42	0
-2	-14	4	23	23	0
-1	-14	4	22	-23	0
0	-14	4	24	-24	0
1	-14	4	3	-2	-1
2	-14	4	25	25	0
3	-14	4	47	49	0
4	-14	4	18	17	0
-13	-13	4	5	1	-4
-12	-13	4	40	40	1
-11	-13	4	24	23	1
-10	-13	4	26	26	0
-9	-13	4	26	-26	0
-8	-13	4	9	-8	1
-7	-13	4	36	36	0
-6	-13	4	4	-4	-1
-5	-13	4	14	15	0
-4	-13	4	18	-18	0
-3	-13	4	20	-20	0
-2	-13	4	22	21	0
-1	-13	4	8	7	0
0	-13	4	6	-3	1
1	-13	4	6	-6	1
2	-13	4	15	-15	0
3	-13	4	2	-1	-1
4	-13	4	40	41	0
5	-13	4	8	7	1
-13	-12	4	6	-6	-2
-12	-12	4	6	5	-2
-11	-12	4	9	-10	1
-10	-12	4	8	-9	1
-9	-12	4	10	10	1
-8	-12	4	21	-21	0
-7	-12	4	36	-35	0
-6	-12	4	48	-47	1
-5	-12	4	55	-55	0
-4	-12	4	18	-18	0
-3	-12	4	9	9	0
-2	-12	4	3	-2	-2
-1	-12	4	31	32	0

h	k	l	Fo	Fc	s
0	-12	4	19	-19	0
1	-12	4	45	-45	0
2	-12	4	3	1	-1
3	-12	4	27	-27	0
4	-12	4	10	-9	1
5	-12	4	4	-1	-2
6	-12	4	8	-9	1
-13	-11	4	15	-16	1
-12	-11	4	4	5	-4
-11	-11	4	52	51	1
-10	-11	4	31	30	0
-9	-11	4	16	-15	1
-8	-11	4	36	-36	0
-7	-11	4	7	-6	1
-6	-11	4	16	16	0
-5	-11	4	11	-11	0
-4	-11	4	8	-8	0
-3	-11	4	8	8	0
-2	-11	4	45	43	1
-1	-11	4	20	19	0
0	-11	4	27	26	0
1	-11	4	11	-11	0
2	-11	4	47	-48	1
3	-11	4	5	4	-1
4	-11	4	9	-9	1
5	-11	4	42	42	0
6	-11	4	41	41	0
7	-11	4	16	-15	1
-13	-10	4	8	9	2
-12	-10	4	22	22	1
-11	-10	4	4	-4	-4
-10	-10	4	6	-5	-2
-9	-10	4	34	34	0
-8	-10	4	41	40	0
-7	-10	4	14	14	0
-6	-10	4	7	6	1
-5	-10	4	8	-7	0
-4	-10	4	21	20	0
-3	-10	4	9	8	0
-2	-10	4	5	-5	0
-1	-10	4	24	23	0
0	-10	4	16	16	0
1	-10	4	13	13	0
2	-10	4	20	-20	0
3	-10	4	21	-20	0
4	-10	4	36	36	0
5	-10	4	7	-6	1
6	-10	4	19	19	0
7	-10	4	25	26	0
8	-10	4	3	1	-3
-13	-9	4	43	-44	1
-12	-9	4	45	-46	1
-11	-9	4	2	-2	-2
-10	-9	4	23	22	1
-9	-9	4	10	10	1
-8	-9	4	4	4	-1
-7	-9	4	13	-13	0
-6	-9	4	25	25	0
-5	-9	4	26	26	0
-4	-9	4	83	-82	1
-3	-9	4	60	-60	0
-2	-9	4	22	-21	0
-1	-9	4	5	4	0
0	-9	4	27	28	0
1	-9	4	36	-35	0
2	-9	4	8	8	0
3	-9	4	28	-27	0
4	-9	4	29	-29	0
5	-9	4	4	4	-1
6	-9	4	23	-24	0
7	-9	4	4	-4	-3
8	-9	4	26	-25	0
-13	-8	4	21	-21	1
-12	-8	4	21	-22	1
-11	-8	4	11	-13	1
-10	-8	4	7	-7	1
-9	-8	4	8	-9	1
-8	-8	4	25	24	0
-7	-8	4	60	61	0
-6	-8	4	23	-22	0
-5	-8	4	33	-32	0
-4	-8	4	21	-20	0
-3	-8	4	51	-52	1
-2	-8	4	7	6	0
-1	-8	4	40	-40	0
0	-8	4	26	26	1
1	-8	4	71	73	1
2	-8	4	5	5	1
3	-8	4	4	2	-1
4	-8	4	44	-44	0

h	k	l	Fo	Fc	s
5	-8	4	19	-20	0
6	-8	4	15	15	0
7	-8	4	19	-19	0
8	-8	4	33	33	0
9	-8	4	20	20	1
-12	-7	4	5	-4	-3
-11	-7	4	15	-15	1
-10	-7	4	12	12	1
-9	-7	4	28	28	0
-8	-7	4	12	11	1
-7	-7	4	6	-4	1
-6	-7	4	34	34	0
-5	-7	4	24	23	0
-4	-7	4	52	51	0
-3	-7	4	15	-16	0
-2	-7	4	54	-54	0
-1	-7	4	62	62	1
0	-7	4	45	46	1
1	-7	4	59	58	1
2	-7	4	21	20	0
3	-7	4	28	-28	0
4	-7	4	36	36	1
5	-7	4	13	-12	0
6	-7	4	31	30	0
7	-7	4	38	38	0
8	-7	4	2	0	-1
9	-7	4	27	27	1
-12	-6	4	2	-2	-2
-11	-6	4	5	-6	-2
-10	-6	4	21	-22	0
-9	-6	4	27	-27	0
-8	-6	4	15	-16	0
-7	-6	4	9	-10	1
-6	-6	4	48	49	1
-5	-6	4	33	35	0
-4	-6	4	6	5	0
-3	-6	4	24	24	0
-2	-6	4	33	-33	0
-1	-6	4	64	-66	0
0	-6	4	42	-42	0
1	-6	4	36	-35	0
2	-6	4	42	43	0
3	-6	4	6	5	1
4	-6	4	30	-30	0
5	-6	4	9	-8	1
6	-6	4	37	-36	1
7	-6	4	2	3	-2
8	-6	4	6	-5	1
9	-6	4	27	-27	0
10	-6	4	7	4	-2
-12	-5	4	2	-3	-2
-11	-5	4	30	-30	1
-10	-5	4	27	-27	0
-9	-5	4	20	-19	0
-8	-5	4	29	-29	0
-7	-5	4	4	-2	-1
-6	-5	4	30	-31	0
-5	-5	4	53	54	0
-4	-5	4	50	49	0
-3	-5	4	39	-39	1
-2	-5	4	53	-53	0
-1	-5	4	135	-141	1
0	-5	4	26	-27	0
1	-5	4	4	3	-1
2	-5	4	14	-14	0
3	-5	4	10	9	0
4	-5	4	38	-38	0
5	-5	4	5	5	1
6	-5	4	2	-2	-1
7	-5	4	35	-35	0
8	-5	4	10	-10	1
9	-5	4	40	-39	0
10	-5	4	18	-18	1
-11	-4	4	10	9	1
-10	-4	4	3	0	-2
-9	-4	4	12	11	1
-8	-4	4	6	-6	1
-7	-4	4	11	-11	0
-6	-4	4	28	27	0
-5	-4	4	6	5	1
-4	-4	4	48	49	0
-3	-4	4	50	49	1
-2	-4	4	13	12	0
-1	-4	4	35	35	0
0	-4	4	61	-62	0
1	-4	4	2	1	-1
2	-4	4	69	69	1
3	-4	4	60	61	0
4	-4	4	73	75	1
5	-4	4	17	-17	0

h	k	l	Fo	Fc	s
6	-4	4	20	20	0
7	-4	4	11	11	1
8	-4	4	2	-1	-2
9	-4	4	34	34	0
10	-4	4	4	5	-4
-11	-3	4	28	27	1
-10	-3	4	30	29	1
-9	-3	4	3	2	-2
-8	-3	4	30	29	0
-7	-3	4	42	-42	0
-6	-3	4	25	-24	0
-5	-3	4	10	9	0
-4	-3	4	38	39	1
-3	-3	4	114	116	0
-2	-3	4	10	10	0
-1	-3	4	21	-21	0
0	-3	4	28	28	0
1	-3	4	14	14	0
2	-3	4	21	22	0
3	-3	4	22	-21	0
4	-3	4	19	-19	0
5	-3	4	28	27	0
6	-3	4	16	16	0
7	-3	4	15	14	0
8	-3	4	4	-4	-2
9	-3	4	11	-11	1
10	-3	4	7	6	-2
-10	-2	4	4	2	-3
-9	-2	4	3	1	-2
-8	-2	4	37	-37	1
-7	-2	4	11	-11	1
-6	-2	4	77	-76	0
-5	-2	4	24	-23	0
-4	-2	4	8	-7	0
-3	-2	4	37	-37	0
-2	-2	4	90	90	0
-1	-2	4	10	-9	0
0	-2	4	39	-39	0
1	-2	4	96	-96	0
2	-2	4	137	-140	1
3	-2	4	2	-1	-2
4	-2	4	9	-9	1
5	-2	4	18	-18	0
6	-2	4	24	-25	0
7	-2	4	11	-12	0
8	-2	4	15	15	1
9	-2	4	24	-24	1
10	-2	4	33	-33	1
11	-2	4	31	-30	1
-10	-1	4	14	-12	1
-9	-1	4	16	16	1
-8	-1	4	11	-11	1
-7	-1	4	23	-23	0
-6	-1	4	2	-1	-1
-5	-1	4	47	-47	0
-4	-1	4	11	10	0
-3	-1	4	27	27	0
-2	-1	4	10	9	0
-1	-1	4	36	36	0
0	-1	4	56	-54	0
1	-1	4	2	-2	-1
2	-1	4	29	29	0
3	-1	4	57	-57	0
4	-1	4	3	3	-1
5	-1	4	9	9	1
6	-1	4	45	45	0
7	-1	4	46	45	0
8	-1	4	14	-14	0
9	-1	4	2	-2	-2
10	-1	4	3	-2	-2
11	-1	4	3	2	-3
-9	0	4	12	-12	1
-8	0	4	54	54	0
-7	0	4	43	43	0
-6	0	4	25	25	0
-5	0	4	6	6	1
-4	0	4	39	-39	0
-3	0	4	25	24	0
-2	0	4	21	21	0
-1	0	4	71	71	0
0	0	4	93	95	2
1	0	4	4	0	-1
2	0	4	7	6	1
3	0	4	11	11	0
4	0	4	25	25	0
5	0	4	42	43	0
6	0	4	12	-11	1
7	0	4	15	-15	0
8	0	4	39	39	0
9	0	4	32	32	0

h	k	l	Fo	Fc	s
10	0	4	3	5	-2
11	0	4	16	-15	1
-8	1	4	3	-1	-2
-7	1	4	18	17	1
-6	1	4	13	-14	1
-5	1	4	17	-17	0
-4	1	4	23	-23	0
-3	1	4	53	-52	0
-2	1	4	5	4	-1
-1	1	4	8	7	1
0	1	4	28	28	0
1	1	4	24	24	0
2	1	4	22	-22	0
3	1	4	3	-2	-2
4	1	4	48	-49	0
5	1	4	60	-60	0
6	1	4	18	-18	0
7	1	4	9	-9	1
8	1	4	2	-3	-2
9	1	4	3	2	-2
10	1	4	4	3	-3
11	1	4	3	1	-3
-7	2	4	8	-7	-2
-6	2	4	28	27	1
-5	2	4	30	-31	0
-4	2	4	52	-53	0
-3	2	4	39	-40	0
-2	2	4	17	-16	0
-1	2	4	18	19	0
0	2	4	10	10	0
1	2	4	4	2	-1
2	2	4	16	-16	0
3	2	4	28	-28	1
4	2	4	9	-8	1
5	2	4	14	-14	0
6	2	4	33	-34	0
7	2	4	19	-19	1
8	2	4	11	12	1
9	2	4	36	36	1
10	2	4	38	36	1
-6	3	4	6	4	-3
-5	3	4	36	36	1
-4	3	4	15	16	1
-3	3	4	5	4	-2
-2	3	4	3	1	-2
-1	3	4	2	0	-2
0	3	4	23	22	0
1	3	4	20	20	0
2	3	4	20	20	0
3	3	4	24	24	0
4	3	4	24	24	0
5	3	4	9	10	1
6	3	4	8	9	1
7	3	4	4	-2	-2
8	3	4	9	8	1
9	3	4	8	10	2
10	3	4	7	5	-3
-5	4	4	28	29	1
-4	4	4	7	7	-1
-3	4	4	19	-20	1
-2	4	4	8	-9	1
-1	4	4	5	-5	-2
0	4	4	11	-11	1
1	4	4	9	-8	1
2	4	4	20	19	0
3	4	4	16	15	1
4	4	4	27	27	0
5	4	4	9	9	1
6	4	4	21	-21	1
7	4	4	30	-31	0
8	4	4	46	-46	1
9	4	4	3	1	-3
-3	5	4	7	-7	-2
-2	5	4	36	-36	0
-1	5	4	28	-29	0
0	5	4	12	-12	1
1	5	4	5	1	-2
2	5	4	6	-3	-1
3	5	4	4	3	-2
4	5	4	3	1	-2
5	5	4	5	3	-2
6	5	4	14	-14	1
7	5	4	28	-29	0
8	5	4	10	-11	2
-1	6	4	11	11	1
0	6	4	4	4	-2
1	6	4	3	-2	-2
2	6	4	3	-1	-2
3	6	4	17	17	1
4	6	4	16	16	1

h	k	l	Fo	Fc	s
5	6	4	6	6	-2
6	6	4	20	20	1
3	7	4	16	-16	1
4	7	4	9	-8	-2
-10	-18	5	9	-8	1
-9	-18	5	19	19	1
-8	-18	5	9	9	1
-7	-18	5	6	-3	-2
-6	-18	5	22	21	1
-5	-18	5	18	-19	1
-4	-18	5	22	-22	1
-3	-18	5	11	-11	1
-2	-18	5	10	10	1
-1	-18	5	46	45	0
-10	-17	5	8	-10	-2
-9	-17	5	31	-30	0
-8	-17	5	28	28	0
-7	-17	5	52	53	0
-6	-17	5	29	29	0
-5	-17	5	19	17	1
-4	-17	5	25	-26	0
-3	-17	5	19	18	1
-2	-17	5	22	22	0
-1	-17	5	2	2	-2
0	-17	5	24	24	0
1	-17	5	4	-4	-4
-10	-16	5	27	-27	1
-9	-16	5	15	-14	1
-8	-16	5	9	-8	1
-7	-16	5	17	18	1
-6	-16	5	10	-10	1
-5	-16	5	17	16	0
-4	-16	5	9	8	1
-3	-16	5	56	-56	0
-2	-16	5	47	-47	0
-1	-16	5	45	-45	0
0	-16	5	16	-16	0
1	-16	5	12	12	1
2	-16	5	16	-15	1
-12	-15	5	10	-9	1
-11	-15	5	2	-1	-2
-10	-15	5	19	-18	1
-9	-15	5	18	-17	1
-8	-15	5	34	-35	1
-7	-15	5	3	-1	-3
-6	-15	5	46	45	0
-5	-15	5	13	-13	1
-4	-15	5	24	-24	0
-3	-15	5	34	-33	0
-2	-15	5	32	-32	0
-1	-15	5	10	9	1
0	-15	5	33	-32	0
1	-15	5	3	1	-3
2	-15	5	17	17	1
3	-15	5	9	10	1
-12	-14	5	18	18	1
-11	-14	5	27	26	1
-10	-14	5	28	28	0
-9	-14	5	8	8	1
-8	-14	5	34	33	1
-7	-14	5	12	-11	1
-6	-14	5	7	-5	1
-5	-14	5	47	47	0
-4	-14	5	41	40	0
-3	-14	5	73	71	0
-2	-14	5	5	-4	-1
-1	-14	5	21	-21	0
0	-14	5	26	26	0
1	-14	5	21	21	0
2	-14	5	47	46	0
3	-14	5	11	11	1
4	-14	5	5	2	-1
-12	-13	5	28	27	1
-11	-13	5	19	19	1
-10	-13	5	27	26	0
-9	-13	5	8	7	1
-8	-13	5	48	-49	0
-7	-13	5	9	-9	0
-6	-13	5	12	-12	1
-5	-13	5	32	31	1
-4	-13	5	36	36	0
-3	-13	5	22	-22	0
-2	-13	5	29	28	0
-1	-13	5	3	-2	-3
0	-13	5	18	-17	0
1	-13	5	24	-24	0
2	-13	5	50	-51	0
3	-13	5	6	6	1
4	-13	5	4	-2	-2
5	-13	5	16	17	1

h	k	l	Fo	Fc	s
-12	-12	5	33	-34	1
-11	-12	5	4	-5	-4
-10	-12	5	29	-31	0
-9	-12	5	11	11	1
-8	-12	5	29	-29	0
-7	-12	5	61	-61	0
-6	-12	5	39	-40	0
-5	-12	5	52	-51	0
-4	-12	5	39	39	0
-3	-12	5	43	43	0
-2	-12	5	45	-46	0
-1	-12	5	50	-51	0
0	-12	5	61	-62	0
1	-12	5	14	-14	0
2	-12	5	6	-5	1
3	-12	5	40	-39	0
4	-12	5	11	-11	1
5	-12	5	8	9	1
6	-12	5	34	32	1
-12	-11	5	20	-21	1
-11	-11	5	3	-4	-3
-10	-11	5	44	44	0
-9	-11	5	4	-4	-1
-8	-11	5	33	33	0
-7	-11	5	24	-24	0
-6	-11	5	5	-3	1
-5	-11	5	73	75	0
-4	-11	5	24	-23	0
-3	-11	5	16	16	0
-2	-11	5	15	-15	0
-1	-11	5	13	12	0
0	-11	5	68	69	0
1	-11	5	10	-10	0
2	-11	5	10	-10	0
3	-11	5	2	-1	-2
4	-11	5	14	13	1
5	-11	5	24	24	1
6	-11	5	14	13	1
7	-11	5	23	22	1
-12	-10	5	2	-2	-2
-11	-10	5	10	-10	1
-10	-10	5	43	44	1
-9	-10	5	76	76	1
-8	-10	5	26	25	0
-7	-10	5	35	36	0
-6	-10	5	27	-27	0
-5	-10	5	26	-25	0
-4	-10	5	32	32	0
-3	-10	5	3	-2	-2
-2	-10	5	66	67	0
-1	-10	5	8	6	0
0	-10	5	23	-22	0
1	-10	5	69	69	1
2	-10	5	13	12	0
3	-10	5	9	-9	0
4	-10	5	45	-46	1
5	-10	5	33	-33	0
6	-10	5	34	34	1
7	-10	5	32	32	1
-12	-9	5	25	-25	1
-11	-9	5	26	26	0
-10	-9	5	19	-19	1
-9	-9	5	5	5	-1
-8	-9	5	13	-14	1
-7	-9	5	29	-30	0
-6	-9	5	13	-14	0
-5	-9	5	49	-48	0
-4	-9	5	3	2	-2
-3	-9	5	22	-21	0
-2	-9	5	49	-48	0
-1	-9	5	22	20	0
0	-9	5	23	23	0
1	-9	5	2	3	-1
2	-9	5	22	-21	0
3	-9	5	67	-67	0
4	-9	5	32	-31	0
5	-9	5	4	3	-3
6	-9	5	27	-27	0
7	-9	5	2	-1	-2
8	-9	5	20	19	1
-12	-8	5	22	-22	1
-11	-8	5	64	-63	1
-10	-8	5	11	-10	1
-9	-8	5	13	-13	1
-8	-8	5	25	25	0
-7	-8	5	3	-2	-2
-6	-8	5	28	-28	0
-5	-8	5	16	16	0
-4	-8	5	23	-23	1
-3	-8	5	18	19	0

h	k	l	Fo	Fc	s
-2	-8	5	2	-2	-2
-1	-8	5	3	-2	-2
0	-8	5	19	19	0
1	-8	5	29	-30	1
2	-8	5	16	16	0
3	-8	5	20	20	0
4	-8	5	19	-19	0
5	-8	5	30	-30	0
6	-8	5	5	3	-2
7	-8	5	26	25	1
8	-8	5	32	31	1
-11	-7	5	3	-2	-2
-10	-7	5	2	0	-2
-9	-7	5	7	6	1
-8	-7	5	9	-9	1
-7	-7	5	49	48	1
-6	-7	5	70	71	1
-5	-7	5	23	23	1
-4	-7	5	2	0	-1
-3	-7	5	9	-8	1
-2	-7	5	5	5	-1
-1	-7	5	11	10	1
0	-7	5	5	-4	-1
1	-7	5	23	22	0
2	-7	5	16	15	0
3	-7	5	22	23	0
4	-7	5	34	34	0
5	-7	5	8	7	1
6	-7	5	8	-8	1
7	-7	5	20	-19	1
8	-7	5	14	-14	1
9	-7	5	30	30	1
-11	-6	5	3	-1	-2
-10	-6	5	58	-57	1
-9	-6	5	12	-12	1
-8	-6	5	35	34	0
-7	-6	5	23	23	1
-6	-6	5	19	19	0
-5	-6	5	12	-12	0
-4	-6	5	26	-25	0
-3	-6	5	27	-27	0
-2	-6	5	13	-12	0
-1	-6	5	24	-23	0
0	-6	5	5	-4	-2
1	-6	5	3	-1	-3
2	-6	5	4	2	-2
3	-6	5	37	36	0
4	-6	5	5	-4	-1
5	-6	5	23	-21	0
6	-6	5	59	-59	1
7	-6	5	40	-39	0
8	-6	5	14	14	1
9	-6	5	8	-8	1
-11	-5	5	5	-2	-5
-10	-5	5	4	4	-3
-9	-5	5	46	-45	1
-8	-5	5	26	-26	1
-7	-5	5	6	-6	-1
-6	-5	5	4	3	-2
-5	-5	5	13	12	1
-4	-5	5	32	-31	0
-3	-5	5	33	-33	1
-2	-5	5	11	11	0
-1	-5	5	26	27	0
0	-5	5	11	-11	1
1	-5	5	18	-18	0
2	-5	5	18	-18	0
3	-5	5	4	-3	-2
4	-5	5	18	18	0
5	-5	5	14	-13	0
6	-5	5	6	-6	-1
7	-5	5	37	-36	0
8	-5	5	33	-33	0
9	-5	5	22	22	1
-10	-4	5	11	-11	1
-9	-4	5	28	-28	0
-8	-4	5	28	-28	0
-7	-4	5	24	25	0
-6	-4	5	9	9	1
-5	-4	5	5	5	-1
-4	-4	5	29	29	0
-3	-4	5	40	41	0
-2	-4	5	29	29	0
-1	-4	5	21	22	0
0	-4	5	2	-2	-2
1	-4	5	26	-26	0
2	-4	5	5	4	-1
3	-4	5	17	17	0
4	-4	5	53	52	0
5	-4	5	35	34	0

h	k	l	Fo	Fc	s
6	-4	5	17	-16	0
7	-4	5	13	13	1
8	-4	5	10	10	1
9	-4	5	30	29	0
-10	-3	5	5	-1	-5
-9	-3	5	3	-2	-2
-8	-3	5	27	-27	0
-7	-3	5	25	-24	1
-6	-3	5	19	19	0
-5	-3	5	30	30	0
-4	-3	5	15	13	0
-3	-3	5	7	6	1
-2	-3	5	13	13	0
-1	-3	5	13	13	0
0	-3	5	5	-4	-2
1	-3	5	40	-40	0
2	-3	5	32	-32	0
3	-3	5	22	22	1
4	-3	5	17	17	1
5	-3	5	33	33	0
6	-3	5	15	15	1
7	-3	5	6	-5	-1
8	-3	5	8	-8	1
9	-3	5	45	-46	1
-9	-2	5	24	-24	1
-8	-2	5	14	-13	1
-7	-2	5	10	-10	1
-6	-2	5	7	-6	1
-5	-2	5	28	-27	0
-4	-2	5	26	-27	0
-3	-2	5	2	2	-1
-2	-2	5	12	12	0
-1	-2	5	7	-7	1
0	-2	5	58	-56	1
1	-2	5	21	-20	0
2	-2	5	25	-24	0
3	-2	5	13	-13	1
4	-2	5	8	7	1
5	-2	5	11	-11	1
6	-2	5	3	-2	-2
7	-2	5	46	-45	0
8	-2	5	34	-34	1
9	-2	5	5	-4	-4
10	-2	5	26	-27	1
-8	-1	5	11	11	1
-7	-1	5	14	-14	1
-6	-1	5	31	-30	0
-5	-1	5	19	-20	0
-4	-1	5	8	8	1
-3	-1	5	5	4	-1
-2	-1	5	13	-13	0
-1	-1	5	24	23	0
0	-1	5	47	45	0
1	-1	5	16	16	0
2	-1	5	2	0	-1
3	-1	5	30	-29	0
4	-1	5	11	-10	1
5	-1	5	18	19	1
6	-1	5	6	3	-2
7	-1	5	31	30	0
8	-1	5	7	4	-2
9	-1	5	3	1	-3
-7	0	5	4	3	-2
-6	0	5	11	-11	1
-5	0	5	6	5	-1
-4	0	5	26	-26	0
-3	0	5	9	10	1
-2	0	5	55	55	0
-1	0	5	39	38	0
0	0	5	55	53	0
1	0	5	5	-4	-2
2	0	5	2	-3	-2
3	0	5	23	23	0
4	0	5	21	-22	0
5	0	5	13	13	1
6	0	5	24	25	0
7	0	5	31	31	0
8	0	5	33	32	0
9	0	5	3	2	-2
-6	1	5	18	-17	1
-5	1	5	22	-23	0
-4	1	5	12	11	1
-3	1	5	7	-4	-1
-2	1	5	18	-17	0
-1	1	5	19	-19	0
0	1	5	24	-23	0
1	1	5	54	54	0
2	1	5	10	-10	1
3	1	5	49	-49	0
4	1	5	30	-31	0

h	k	l	Fo	Fc	s
5	1	5	43	-44	0
6	1	5	31	31	0
7	1	5	10	9	1
8	1	5	12	-12	1
9	1	5	8	-8	2
-5	2	5	5	-4	-4
-4	2	5	20	-20	1
-3	2	5	26	-26	1
-2	2	5	50	-51	1
-1	2	5	2	-1	-1
0	2	5	2	-2	-1
1	2	5	10	-9	1
2	2	5	20	19	0
3	2	5	19	-17	1
4	2	5	7	-6	-1
5	2	5	9	-9	1
6	2	5	36	-37	1
7	2	5	15	14	1
8	2	5	4	0	-4
-3	3	5	3	1	-2
-2	3	5	3	-1	-2
-1	3	5	43	-43	1
0	3	5	22	21	1
1	3	5	47	46	1
2	3	5	60	59	0
3	3	5	49	47	0
4	3	5	36	-35	1
5	3	5	2	4	-2
6	3	5	10	10	2
7	3	5	3	3	-3
-1	4	5	3	7	-3
0	4	5	4	-3	-2
1	4	5	25	24	1
2	4	5	5	5	-3
3	4	5	10	9	1
4	4	5	24	24	1
5	4	5	30	-29	1
-7	-19	6	7	-6	-2
-6	-19	6	22	-21	1
-5	-19	6	5	3	-2
-4	-19	6	31	-32	0
-10	-18	6	10	9	2
-9	-18	6	22	20	1
-8	-18	6	6	2	-2
-7	-18	6	14	14	1
-6	-18	6	4	-5	-4
-5	-18	6	3	4	-3
-4	-18	6	23	22	0
-3	-18	6	22	-21	1
-2	-18	6	24	-23	1
-1	-18	6	2	-3	-2
-10	-17	6	8	-7	-2
-9	-17	6	26	26	1
-8	-17	6	40	38	1
-7	-17	6	11	10	1
-6	-17	6	32	32	1
-5	-17	6	8	7	-2
-4	-17	6	2	2	-2
-2	-17	6	25	-24	1
-1	-17	6	16	16	0
0	-17	6	20	20	0
1	-17	6	16	15	1
-10	-16	6	17	17	1
-9	-16	6	3	2	-3
-8	-16	6	15	-15	1
-7	-16	6	5	4	-5
-6	-16	6	5	3	-4
-5	-16	6	2	1	-2
-4	-16	6	16	-16	1
-3	-16	6	26	-26	1
-2	-16	6	27	-26	0
-1	-16	6	31	-32	0
0	-16	6	3	-1	-3
1	-16	6	18	18	0
2	-16	6	4	2	-4
-11	-15	6	12	-11	1
-9	-15	6	24	-25	0
-8	-15	6	14	-14	1
-7	-15	6	2	-4	-2
-6	-15	6	5	-2	-3
-5	-15	6	11	10	1
-4	-15	6	9	7	1
-3	-15	6	17	16	0
-2	-15	6	19	-19	0
-1	-15	6	24	-24	0
0	-15	6	11	-10	1
1	-15	6	17	-17	0
2	-15	6	11	11	1
3	-15	6	3	1	-3
-12	-14	6	7	-6	-2

h	k	l	Fo	Fc	s
-11	-14	6	7	7	-2
-10	-14	6	9	-9	1
-9	-14	6	5	-6	-1
-8	-14	6	5	5	-1
-7	-14	6	10	-11	1
-6	-14	6	32	32	0
-5	-14	6	58	58	1
-4	-14	6	54	54	0
-3	-14	6	28	28	0
-2	-14	6	15	14	0
-1	-14	6	16	-16	0
0	-14	6	16	-16	0
1	-14	6	14	14	0
2	-14	6	24	23	0
3	-14	6	48	48	0
4	-14	6	11	12	1
-12	-13	6	11	12	1
-11	-13	6	11	10	1
-10	-13	6	2	1	-1
-9	-13	6	27	-27	0
-8	-13	6	6	-5	1
-7	-13	6	21	21	0
-6	-13	6	6	5	1
-5	-13	6	7	-7	1
-4	-13	6	18	17	0
-3	-13	6	9	8	1
-2	-13	6	11	11	1
-1	-13	6	13	-12	0
0	-13	6	49	-49	0
1	-13	6	27	-27	0
2	-13	6	23	-23	0
3	-13	6	12	12	1
4	-13	6	37	36	0
5	-13	6	4	-3	-3
-12	-12	6	4	6	-4
-11	-12	6	22	-22	0
-10	-12	6	5	-5	-2
-9	-12	6	8	7	1
-8	-12	6	16	-17	0
-7	-12	6	35	-36	0
-6	-12	6	49	-50	0
-5	-12	6	35	-35	0
-4	-12	6	19	-19	0
-3	-12	6	11	10	0
-2	-12	6	9	-8	0
-1	-12	6	14	-14	0
0	-12	6	30	-30	0
1	-12	6	58	-58	1
2	-12	6	3	-4	-2
3	-12	6	14	-14	0
4	-12	6	8	-7	1
5	-12	6	15	-14	1
6	-12	6	30	-29	1
-11	-11	6	32	32	0
-10	-11	6	15	16	1
-9	-11	6	5	-5	-2
-8	-11	6	6	-5	1
-7	-11	6	9	10	1
-6	-11	6	5	4	-1
-5	-11	6	21	-21	0
-4	-11	6	27	-26	0
-3	-11	6	32	32	0
-2	-11	6	95	96	1
-1	-11	6	60	60	0
0	-11	6	25	24	0
1	-11	6	14	-14	1
2	-11	6	33	-32	0
3	-11	6	5	5	-1
4	-11	6	7	8	1
5	-11	6	42	42	1
6	-11	6	29	28	1
-11	-10	6	7	6	1
-10	-10	6	3	-2	-2
-9	-10	6	24	23	0
-8	-10	6	35	36	1
-7	-10	6	19	19	0
-6	-10	6	17	-17	1
-5	-10	6	21	-21	0
-4	-10	6	45	46	0
-3	-10	6	41	42	0
-2	-10	6	41	41	0
-1	-10	6	45	46	0
0	-10	6	3	1	-2
1	-10	6	11	10	1
2	-10	6	25	-24	1
3	-10	6	20	-19	0
4	-10	6	14	14	1
5	-10	6	5	-4	-2
6	-10	6	20	20	1
7	-10	6	14	14	1

h	k	l	Fo	Fc	s
-11	-9	6	7	-7	-2
-10	-9	6	11	-11	1
-9	-9	6	24	-25	0
-8	-9	6	13	-13	1
-7	-9	6	20	-20	0
-6	-9	6	34	34	0
-5	-9	6	8	-8	1
-4	-9	6	81	-82	1
-3	-9	6	53	-54	0
-2	-9	6	44	-45	0
-1	-9	6	36	37	0
0	-9	6	21	20	0
1	-9	6	61	-61	1
2	-9	6	22	-22	0
3	-9	6	36	-36	0
4	-9	6	19	-19	1
5	-9	6	6	-7	1
6	-9	6	24	-25	0
7	-9	6	5	3	-2
-10	-8	6	11	-11	1
-9	-8	6	13	-13	1
-8	-8	6	12	12	1
-7	-8	6	39	39	0
-6	-8	6	22	-24	0
-5	-8	6	26	-26	0
-4	-8	6	39	-41	0
-3	-8	6	25	-24	1
-2	-8	6	26	25	1
-1	-8	6	51	-51	0
0	-8	6	33	32	0
1	-8	6	53	54	0
2	-8	6	11	10	1
3	-8	6	27	27	0
4	-8	6	45	-45	1
5	-8	6	11	-12	1
6	-8	6	5	5	-2
7	-8	6	12	-12	1
8	-8	6	22	21	1
-10	-7	6	12	11	1
-9	-7	6	29	29	1
-8	-7	6	3	-2	-2
-7	-7	6	17	16	0
-6	-7	6	40	42	0
-5	-7	6	31	32	1
-4	-7	6	34	35	0
-3	-7	6	44	-45	0
-2	-7	6	17	-17	0
-1	-7	6	64	64	1
0	-7	6	49	47	1
1	-7	6	72	74	1
2	-7	6	7	8	1
3	-7	6	17	-17	0
4	-7	6	36	36	0
5	-7	6	26	-25	0
6	-7	6	13	-13	1
7	-7	6	3	-3	-2
8	-7	6	3	-2	-2
-10	-6	6	6	3	-3
-9	-6	6	25	-24	1
-8	-6	6	15	15	1
-7	-6	6	23	-22	0
-6	-6	6	7	6	1
-5	-6	6	7	6	1
-4	-6	6	21	-21	0
-3	-6	6	29	30	0
-2	-6	6	33	-33	0
-1	-6	6	14	-12	1
0	-6	6	19	-18	1
1	-6	6	25	-24	1
2	-6	6	50	51	1
3	-6	6	23	-23	0
4	-6	6	32	-33	0
5	-6	6	9	-9	1
6	-6	6	24	-24	0
7	-6	6	8	8	1
8	-6	6	13	-12	1
-9	-5	6	28	-27	1
-8	-5	6	53	-53	1
-7	-5	6	11	-11	1
-6	-5	6	18	-17	1
-5	-5	6	25	25	1
-4	-5	6	34	35	1
-3	-5	6	39	-39	0
-2	-5	6	29	-29	0
-1	-5	6	57	-58	1
0	-5	6	4	2	-4
1	-5	6	8	7	1
2	-5	6	35	-35	1
3	-5	6	30	30	1
4	-5	6	6	4	-1

h	k	l	Fo	Fc	s
5	-5	6	29	28	0
6	-5	6	8	8	1
7	-5	6	44	-43	1
8	-5	6	9	-8	1
-8	-4	6	5	-3	-3
-7	-4	6	3	-1	-2
-6	-4	6	30	30	0
-5	-4	6	5	5	-2
-4	-4	6	32	33	1
-3	-4	6	16	16	1
-2	-4	6	5	-5	-2
-1	-4	6	2	-3	-2
0	-4	6	26	-25	1
1	-4	6	16	16	1
2	-4	6	45	46	1
3	-4	6	36	35	1
4	-4	6	27	27	1
5	-4	6	7	-7	1
6	-4	6	13	13	1
7	-4	6	24	24	1
8	-4	6	20	-20	1
-8	-3	6	19	19	1
-7	-3	6	23	-23	1
-6	-3	6	7	-7	-2
-5	-3	6	17	17	1
-4	-3	6	11	-11	1
-3	-3	6	33	33	1
-2	-3	6	14	-13	0
-1	-3	6	21	-20	0
0	-3	6	11	10	1
1	-3	6	2	1	-2
2	-3	6	10	10	1
3	-3	6	23	-24	1
4	-3	6	4	-2	-4
5	-3	6	22	22	1
6	-3	6	2	2	-2
7	-3	6	16	-17	1
8	-3	6	25	-25	1
-7	-2	6	14	-14	1
-6	-2	6	56	-56	1
-5	-2	6	15	-15	1
-4	-2	6	11	11	1
-3	-2	6	6	-7	-1
-2	-2	6	17	17	0
-1	-2	6	10	-10	1
0	-2	6	18	-18	0
1	-2	6	15	-14	1
2	-2	6	30	-29	1
3	-2	6	5	4	-2
4	-2	6	13	-13	1
5	-2	6	22	-22	1
6	-2	6	6	-4	-2
7	-2	6	12	12	1
8	-2	6	20	19	1
-5	-1	6	18	-18	1
-4	-1	6	19	18	1
-3	-1	6	16	16	1
-2	-1	6	24	24	1
-1	-1	6	24	23	0
0	-1	6	18	-17	0
1	-1	6	5	-4	-2
2	-1	6	2	1	-2
3	-1	6	4	-2	-3
4	-1	6	3	-3	-2
5	-1	6	16	16	1
6	-1	6	34	35	1
7	-1	6	35	35	1
-4	0	6	8	-8	-2
-3	0	6	33	33	0
-2	0	6	6	6	-1
-1	0	6	2	-1	-2
0	0	6	2	1	-2
1	0	6	6	-5	-2
2	0	6	9	9	1
3	0	6	7	7	1
4	0	6	17	16	1
5	0	6	10	9	1
6	0	6	3	-4	-2
7	0	6	3	6	-3
-2	1	6	5	-3	-2
-1	1	6	5	-3	-2
0	1	6	3	5	-2
1	1	6	5	-3	-2
2	1	6	6	-6	-1
3	1	6	3	-4	-2
4	1	6	19	-19	1
5	1	6	25	-23	1
6	1	6	18	-18	1
1	2	6	3	2	-2
2	2	6	2	1	-2

h	k	l	Fo	Fc	s
3	2	6	3	-4	-2
-5	-19	7	33	-33	1
-9	-18	7	39	37	1
-8	-18	7	6	-2	-3
-7	-18	7	15	-13	1
-6	-18	7	14	15	1
-5	-18	7	12	-10	1
-4	-18	7	7	7	-2
-3	-18	7	20	-20	1
-2	-18	7	8	-9	-2
-1	-18	7	44	43	0
-10	-17	7	9	-9	-2
-9	-17	7	21	-19	1
-8	-17	7	38	38	1
-7	-17	7	28	29	1
-6	-17	7	23	23	1
-5	-17	7	11	-11	1
-4	-17	7	33	-34	1
-3	-17	7	42	42	1
-2	-17	7	19	18	1
-1	-17	7	5	1	-3
0	-17	7	14	14	1
1	-17	7	14	-14	1
-10	-16	7	16	-16	1
-9	-16	7	14	-14	1
-8	-16	7	16	-15	1
-7	-16	7	12	11	1
-6	-16	7	12	-12	1
-5	-16	7	32	32	1
-4	-16	7	12	10	1
-3	-16	7	41	-41	0
-2	-16	7	6	-6	-2
-1	-16	7	29	-30	0
0	-16	7	9	9	1
1	-16	7	6	5	-2
2	-16	7	42	-41	1
-10	-15	7	49	-51	1
-9	-15	7	22	-22	0
-8	-15	7	17	-17	1
-7	-15	7	18	19	1
-6	-15	7	54	56	1
-5	-15	7	9	-9	1
-4	-15	7	5	-5	-3
-3	-15	7	31	-31	0
-2	-15	7	11	-11	1
-1	-15	7	20	20	0
0	-15	7	40	-40	0
1	-15	7	4	1	-3
2	-15	7	20	20	1
3	-15	7	11	11	1
-11	-14	7	15	15	1
-10	-14	7	21	22	0
-9	-14	7	27	-28	1
-8	-14	7	9	8	1
-7	-14	7	6	6	1
-6	-14	7	14	13	0
-5	-14	7	41	41	0
-4	-14	7	3	-3	-3
-3	-14	7	13	13	1
-2	-14	7	19	-19	0
-1	-14	7	3	3	-3
0	-14	7	46	46	1
1	-14	7	4	1	-2
2	-14	7	19	19	1
3	-14	7	3	0	-2
4	-14	7	8	8	2
-11	-13	7	9	10	1
-10	-13	7	12	12	1
-9	-13	7	17	-18	0
-8	-13	7	49	-50	0
-7	-13	7	5	-4	-1
-6	-13	7	4	-2	-2
-5	-13	7	9	8	1
-4	-13	7	9	8	1
-3	-13	7	11	-11	0
-2	-13	7	22	23	0
-1	-13	7	10	11	1
0	-13	7	13	-13	0
1	-13	7	25	-25	0
2	-13	7	31	-31	0
3	-13	7	11	11	1
4	-13	7	5	5	-2
-10	-12	7	17	-17	1
-9	-12	7	5	-5	-2
-8	-12	7	43	-45	0
-7	-12	7	52	-52	0
-6	-12	7	7	8	1
-5	-12	7	18	-19	1
-4	-12	7	23	23	0
-3	-12	7	17	17	0

h	k	l	Fo	Fc	s
-2	-12	7	10	-10	1
-1	-12	7	13	-12	0
0	-12	7	26	-26	0
1	-12	7	8	-8	1
2	-12	7	28	-28	0
3	-12	7	37	-37	0
4	-12	7	11	-11	1
5	-12	7	16	17	1
-10	-11	7	18	18	1
-9	-11	7	9	-9	1
-8	-11	7	16	17	1
-7	-11	7	16	-16	1
-6	-11	7	18	-18	1
-5	-11	7	33	33	0
-4	-11	7	6	5	-1
-3	-11	7	24	24	0
-2	-11	7	23	24	0
-1	-11	7	16	16	0
0	-11	7	28	28	0
1	-11	7	21	-22	0
2	-11	7	10	-9	1
3	-11	7	19	19	0
4	-11	7	37	38	0
5	-11	7	36	34	1
-10	-10	7	47	48	1
-9	-10	7	30	31	0
-8	-10	7	6	6	-1
-7	-10	7	13	12	1
-6	-10	7	23	-22	0
-5	-10	7	4	-1	-3
-4	-10	7	3	-2	-2
-3	-10	7	3	0	-2
-2	-10	7	26	26	0
-1	-10	7	14	14	1
0	-10	7	7	6	1
1	-10	7	23	23	1
2	-10	7	29	29	0
3	-10	7	5	-2	-2
4	-10	7	22	-20	1
5	-10	7	19	-19	1
6	-10	7	24	22	1
-9	-9	7	21	21	1
-8	-9	7	7	7	1
-7	-9	7	6	-6	-2
-6	-9	7	20	-20	1
-5	-9	7	79	-79	1
-4	-9	7	27	-27	0
-3	-9	7	19	-18	0
-2	-9	7	13	-13	1
-1	-9	7	10	9	1
0	-9	7	5	5	-2
1	-9	7	10	10	1
2	-9	7	34	-34	0
3	-9	7	47	-47	0
4	-9	7	37	-37	1
5	-9	7	18	-19	1
6	-9	7	17	-16	1
-9	-8	7	15	15	1
-8	-8	7	30	30	0
-7	-8	7	21	-20	1
-6	-8	7	31	-32	1
-5	-8	7	10	-10	1
-4	-8	7	9	-9	1
-3	-8	7	6	6	-1
-2	-8	7	4	-1	-3
-1	-8	7	6	-6	-1
0	-8	7	13	12	1
1	-8	7	14	14	1
2	-8	7	21	22	0
3	-8	7	6	4	-2
4	-8	7	25	-25	0
5	-8	7	33	-32	0
6	-8	7	4	3	-2
-8	-7	7	8	8	2
-7	-7	7	41	42	0
-6	-7	7	31	31	1
-5	-7	7	23	24	1
-4	-7	7	10	10	1
-3	-7	7	2	1	-2
-2	-7	7	12	11	1
-1	-7	7	11	10	1
0	-7	7	16	16	1
1	-7	7	33	33	1
2	-7	7	49	48	1
3	-7	7	11	12	1
4	-7	7	10	10	1
5	-7	7	9	8	1
6	-7	7	8	8	1
-7	-6	7	11	11	1
-6	-6	7	3	1	-2
-5	-6	7	15	-13	1
-4	-6	7	8	8	1
-3	-6	7	5	5	-2
-2	-6	7	39	-38	0
-1	-6	7	52	-53	1
0	-6	7	25	-24	1
1	-6	7	4	-2	-4
2	-6	7	35	35	1
3	-6	7	32	34	1
4	-6	7	17	-18	1
5	-6	7	28	-29	0
6	-6	7	37	-37	1
-7	-5	7	11	-12	1
-6	-5	7	4	-1	-2
-5	-5	7	6	6	-2
-4	-5	7	20	-21	1
-3	-5	7	37	-37	0
-2	-5	7	24	-25	1
-1	-5	7	32	-33	0
0	-5	7	21	-20	1
1	-5	7	6	5	-2
2	-5	7	2	-3	-2
3	-5	7	22	21	1
4	-5	7	4	5	-4
5	-5	7	27	-27	0
6	-5	7	3	-4	-2
-6	-4	7	3	0	-3
-5	-4	7	12	-11	1
-4	-4	7	24	26	1
-3	-4	7	42	42	0
-2	-4	7	21	21	1
-1	-4	7	6	5	-2
0	-4	7	20	-20	1
1	-4	7	8	7	-2
2	-4	7	30	29	1
3	-4	7	7	6	-2
4	-4	7	41	40	1
5	-4	7	12	14	1
6	-4	7	7	-5	-2
-4	-3	7	24	23	1
-3	-3	7	6	3	-2
-2	-3	7	14	13	1
-1	-3	7	4	2	-2
0	-3	7	12	11	1
1	-3	7	42	-42	1
2	-3	7	28	-27	1
3	-3	7	10	10	1
4	-3	7	9	9	2
5	-3	7	43	43	1
-3	-2	7	6	-6	-3
-2	-2	7	8	7	2
-1	-2	7	9	-8	1
0	-2	7	45	-44	1
1	-2	7	22	-21	1
2	-2	7	26	-24	1
3	-2	7	9	-10	2
4	-2	7	5	5	-5
0	-1	7	34	32	1
1	-1	7	3	-1	-2
2	-1	7	11	-12	1
-6	-18	8	10	10	2
-5	-18	8	13	13	1
-4	-18	8	9	8	-2
-3	-18	8	8	-6	-2
-8	-17	8	43	40	1
-7	-17	8	21	22	1
-6	-17	8	23	24	1
-5	-17	8	8	7	-2
-4	-17	8	4	-1	-4
-3	-17	8	3	1	-3
-2	-17	8	5	-5	-2
-1	-17	8	12	11	1
-9	-16	8	7	-7	-2
-8	-16	8	18	-18	1
-7	-16	8	20	-18	1
-6	-16	8	3	0	-3
-5	-16	8	3	2	-3
-4	-16	8	14	-13	1
-3	-16	8	38	-39	0
-2	-16	8	30	-30	0
-1	-16	8	19	-19	1
0	-16	8	7	-7	-1
1	-16	8	32	31	1
-9	-15	8	8	-8	1
-8	-15	8	3	-3	-2
-7	-15	8	7	6	1
-6	-15	8	19	-18	1
-5	-15	8	24	-23	0
-4	-15	8	5	7	-3
-3	-15	8	16	15	1
-2	-15	8	9	-9	1
-1	-15	8	8	-7	1
0	-15	8	5	-4	-3
1	-15	8	2	1	-2
2	-15	8	30	31	1
-9	-14	8	16	15	1
-8	-14	8	3	-3	-2
-7	-14	8	25	-25	0
-6	-14	8	2	1	-2
-5	-14	8	50	49	0
-4	-14	8	36	35	0
-3	-14	8	32	32	1
-2	-14	8	3	-2	-2
-1	-14	8	24	-24	1
0	-14	8	14	13	1
1	-14	8	2	0	-2
2	-14	8	12	12	1
-9	-13	8	14	-14	1
-8	-13	8	7	-6	-2
-7	-13	8	9	10	1
-6	-13	8	3	-3	-2
-5	-13	8	12	-12	1
-4	-13	8	20	20	1
-3	-13	8	10	10	1
-2	-13	8	5	6	-2
-1	-13	8	33	-33	0
0	-13	8	53	-52	0
1	-13	8	13	13	1
2	-13	8	8	-7	1
3	-13	8	14	15	1
-8	-12	8	4	4	-3
-7	-12	8	43	-44	0
-6	-12	8	27	-27	1
-5	-12	8	5	4	-2
-4	-12	8	7	7	-2
-3	-12	8	6	6	-2
-2	-12	8	33	-33	0
-1	-12	8	3	-3	-2
0	-12	8	6	-6	-1
1	-12	8	12	-13	1
2	-12	8	19	17	1
3	-12	8	17	-17	1
-8	-11	8	3	1	-2
-7	-11	8	17	17	1
-6	-11	8	19	-19	1
-5	-11	8	10	-10	1
-4	-11	8	11	-10	1
-3	-11	8	17	17	1
-2	-11	8	52	54	1
-1	-11	8	3	4	-2
0	-11	8	3	3	-2
1	-11	8	6	-5	-2
2	-11	8	10	10	1
3	-11	8	31	31	1
-7	-10	8	5	-5	-3
-6	-10	8	19	-20	1
-5	-10	8	36	-35	1
-4	-10	8	29	30	0
-3	-10	8	11	10	1
-2	-10	8	3	2	-2
-1	-10	8	20	20	1
0	-10	8	3	3	-2
1	-10	8	16	17	1
2	-10	8	31	-32	0
3	-10	8	30	-30	0
4	-10	8	9	6	-2
-6	-9	8	6	6	-2
-5	-9	8	6	-6	-2
-4	-9	8	48	-49	1
-3	-9	8	5	4	-3
-2	-9	8	6	-6	-2
-1	-9	8	20	20	1
0	-9	8	4	-3	-2
1	-9	8	56	-58	1
2	-9	8	12	-12	1
3	-9	8	11	-12	1
4	-9	8	6	5	-3
-6	-8	8	5	5	-4
-5	-8	8	7	6	-2
-4	-8	8	24	-24	1
-3	-8	8	22	-22	1
-2	-8	8	14	12	1
-1	-8	8	13	-12	1
0	-8	8	18	17	1
1	-8	8	27	27	1
2	-8	8	3	0	-2
3	-8	8	9	9	1
-4	-7	8	3	1	-2
-3	-7	8	42	-42	1
-2	-7	8	6	-1	-2
-1	-7	8	42	41	0
0	-7	8	27	26	0
1	-7	8	29	28	1
2	-7	8	7	-7	-2
3	-7	8	10	10	1
-3	-6	8	5	-6	-3
-1	-6	8	3	-2	-2
0	-6	8	3	3	-2
1	-6	8	11	-11	1
2	-6	8	16	17	1
0	-5	8	4	4	-4
-3	-16	9	37	-36	1
-5	-15	9	20	-19	1
-4	-15	9	4	4	-3
-3	-15	9	11	-11	1
-2	-15	9	8	-6	1
-5	-14	9	33	33	1
-4	-14	9	14	13	1
-3	-14	9	18	17	1
-2	-14	9	14	-15	1
-1	-14	9	9	-8	1
-5	-13	9	4	4	-2
-4	-13	9	18	-16	1
-3	-13	9	13	-14	1
-2	-13	9	20	21	0
-1	-13	9	2	-3	-2
0	-13	9	17	-16	1
-4	-12	9	11	11	1
-3	-12	9	3	4	-2
-2	-12	9	15	-15	1
-1	-12	9	4	3	-2
0	-12	9	21	-21	1
-3	-11	9	23	23	1
-2	-11	9	15	14	1
-1	-11	9	13	14	1
0	-11	9	19	18	1