

The crystal structures of whewellite and weddellite: re-examination and comparison

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Abstract

Whewellite, $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$, and weddellite, $\text{CaC}_2\text{O}_4 \cdot (2+x)\text{H}_2\text{O}$ where $x \leq 0.5$, occur in sediments, in plants, and in urinary stones.

Their crystal structures have been refined to $R = 0.033$ and $R = 0.032$ respectively, using new sets of X-ray diffraction data, collected on a single-crystal diffractometer.

Refined cell parameters are: $P2_1/c$, $a = 6.290(1)$, $b = 14.583(1)$, $c = 10.116(1)\text{Å}$, $\beta = 109.46(2)^\circ$, $Z = 8$ for whewellite; $I4/m$, $a = 12.371(3)$, $c = 7.357(2)\text{Å}$, $Z = 8$ for weddellite.

During refinement of whewellite, three out of four H atoms could be located, and split positions, partially occupied, for the two independent water molecules were found. In weddellite refinement, it was possible to locate all the H atoms, and a split position for the "zeolitic" water was found; a maximum water content of $2.5\text{H}_2\text{O}$ was confirmed.

The comparison of the structures explains the relationships existing between some repeats of the two minerals and shows the differences between the Ca coordination polyhedra. A possible correlation between the structural features and the mechanism of formation of the two mineral species is suggested.

The symmetry and planarity of the oxalate groups are discussed.

Introduction

Whewellite and weddellite are hydrated oxalates of calcium, respectively $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$ and $\text{CaC}_2\text{O}_4 \cdot (2+x)\text{H}_2\text{O}$ (with $x \leq 0.5$), found naturally in plant tissues, in sediments as a mineral of organic origin, and in urinary stones. About 70 percent of human urinary stones contain whewellite and/or weddellite, either singly or mixed with other components, mostly phosphates, uric acids, or urates.

The frequency with which the two minerals are found in association in natural sources suggested a re-examination and a comparison of their crystal structure as the first stage of an investigation on their genetic relationships.

Previous structure analyses were carried out by Cocco (1961) and Cocco and Sabelli (1962) for whewellite (two-dimensional photographic data, $R = 0.14$) and by Sterling (1965) for weddellite (three-dimensional photographic data, $R = 0.13$).

Experimental

Single crystals of whewellite and weddellite were obtained from urinary calculi. A Philips PW 1100 single-crystal diffractometer was used to collect the

X-ray diffraction data. Table 1 presents the experimental details. On the crystals of both species three standard reflections monitored at three-hour intervals showed less than 3.5 percent intensity variation during the data collection. X-ray data were processed with a locally modified version of a program specifically written for PW 1100 (Hornstra and Stubbe, 1972). Intensities were corrected for absorption following the method of North *et al.* (1968). Programs for structure determination, refinement and drawing of figures by Germain *et al.* (1971), Busing *et al.* (1962), and Johnson (1965) were employed. The scattering curves for neutral atoms given by the *International Tables for X-ray Crystallography* (1974) were used. High-precision methods using an ω scan of four intense reflections from each of several lattice rows provided accurate data for unit-cell parameter computations.

Results of the structure refinements

Whewellite

The orientation and the dimensions of the cell axes (Table 1) are consistent with one of the two alternative orientations proposed by Arnott *et al.* (1965)

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TABLE 5 - LIST OF STRUCTURE FACTORS OF WHEWELLITE (* = unobservably weak)

H	K	L	F ₀	∠F ₀	H	K	L	F ₀	∠F ₀	H	K	L	F ₀	∠F ₀
0	2	0*	1.0	-0.2	0	21	3*	2.8	-1.6	0	17	7	0.0	7.7
0	4	0	224.4	-227.3	0	23	3*	0.	-1.0	0	19	7*	2.5	-0.0
0	6	0	7.0	-6.5	0	25	3*	2.1	1.9	0	21	7	6.1	-4.9
0	8	0	140.3	141.8	0	0	4	80.8	-77.5	0	23	7*	1.9	0.7
0	10	0	6.3	5.0	0	2	4*	2.7	1.9	0	0	8	57.8	-57.7
0	12	0	113.5	-117.5	0	4	4	40.5	-37.7	0	2	8*	1.2	-1.4
0	14	0	9.4	-9.8	0	6	6*	1.0	-2.5	0	4	8	108.3	108.0
0	16	0	41.8	42.0	0	8	4	5.9	-5.3	0	6	8	5.2	3.1
0	18	0	0.0	0.4	0	10	4	5.0	6.8	0	8	8	90.3	-11.1
0	20	0	61.3	-53.6	0	12	4	22.9	23.6	0	10	8	5.9	-7.2
0	22	0*	5.6	-4.5	0	14	4*	1.0	-1.6	0	12	8	54.6	53.7
0	24	0	36.8	37.0	0	16	4	37.3	37.2	0	14	8	6.4	6.7
0	26	0	3.1	3.5	0	18	4*	3.7	-2.1	0	16	8	57.3	-57.4
0	1	1*	1.1	1.1	0	20	4	6.1	-4.6	0	16	8	7.6	-6.3
0	3	1	3.7	-5.4	0	22	4*	3.9	-0.4	0	20	8	25.0	25.0
0	5	1*	2.2	-0.1	0	24	4*	3.9	-2.0	0	22	8*	5.9	8.2
0	7	1	12.3	11.4	0	1	5*	8.1	10.7	0	1	9	5.8	-6.0
0	9	1*	3.0	-2.4	0	3	5	15.3	-15.2	0	3	9	14.9	15.5
0	11	1	9.5	-10.3	0	5	5*	2.3	-3.1	0	5	9	6.8	-7.0
0	13	1*	2.5	1.4	0	7	5	5.3	5.3	0	7	9	6.1	-6.3
0	15	1	7.3	3.0	0	9	5	8.9	9.4	0	9	9*	0.	-0.5
0	17	1*	2.0	-0.6	0	11	5	3.7	-8.1	0	11	9	11.6	10.5
0	19	1	6.0	-6.0	0	13	5*	1.0	-2.1	0	13	9*	2.5	-3.5
0	21	1*	2.1	1.3	0	15	5*	2.3	3.4	0	15	9	6.0	-5.5
0	23	1*	2.2	3.5	0	17	5*	8.	2.2	0	17	9*	0.	0.6
0	25	1*	0.	-0.5	0	19	5*	0.	-1.0	0	19	9*	2.5	2.4
0	0	2	21.2	13.3	0	21	5	6.1	-5.6	0	21	9*	1.2	2.9
0	2	2*	2.1	-2.2	0	23	5*	2.1	3.9	0	0	10	43.4	-48.4
0	4	2	68.0	-57.6	0	25	5*	3.5	2.9	0	2	10*	3.5	-1.8
0	6	2	5.5	4.7	0	0	6	65.7	-64.1	0	4	10	3.5	3.3
0	8	2	59.1	60.2	0	2	6*	2.2	2.3	0	6	10*	2.5	2.9
0	10	2*	1.4	-3.0	0	4	6	34.1	32.2	0	8	10	15.2	-14.3
0	12	2	30.8	-32.2	0	6	6*	2.3	-3.3	0	10	10*	1.1	-0.9
0	14	2*	1.1	0.9	0	8	6	27.6	-26.7	0	12	10	31.5	31.3
0	16	2	20.3	21.3	0	10	6*	2.3	-0.2	0	14	10*	0.	1.2
0	18	2*	3.6	2.5	0	12	6	5.8	4.7	0	16	10	14.5	-15.7
0	20	2	10.2	-10.8	0	14	6*	0.	0.1	0	18	10*	3.3	0.5
0	22	2*	3.4	-3.0	0	16	6	32.9	-33.6	0	20	10	32.1	30.7
0	24	2	17.6	19.7	0	18	6*	3.3	-0.3	0	1	11	8.3	-9.4
0	26	2*	0.5	1.4	0	20	6	16.4	17.2	0	3	11	7.3	7.7
0	1	3*	2.6	1.8	0	22	6*	1.4	1.7	0	5	11	11.4	11.2
0	3	3	6.5	-6.1	0	24	6	10.0	-10.9	0	7	11	0.4	-7.3
0	5	3*	0.	0.4	0	1	7	13.0	13.5	0	9	11	0.0	-8.4
0	7	3	8.2	3.5	0	3	7	6.8	-6.7	0	11	11	5.9	4.8
0	9	3*	2.0	-2.5	0	5	7	11.0	-13.6	0	13	11	0.4	6.4
0	11	3*	3.0	-1.4	0	7	7	4.0	-2.7	0	15	11*	0.	-2.4
0	13	3*	1.3	-2.5	0	9	7	12.8	12.8	0	17	11*	5.4	-5.3
0	15	3*	0.	0.5	0	11	7*	1.7	3.2	0	19	11*	0.	1.2
0	17	3*	0.	2.3	0	13	7	9.8	-0.2	0	0	12	12.4	-12.3
0	19	3*	1.4	0.1	0	15	7*	2.0	-2.0	0	2	12*	0.	-0.3

H	K	L	/FQ/	/FC/	H	K	L	/FQ/	/FC/	H	K	L	/FQ/	/FC/
0	4	12	4.3	2.3	-1	11	1	4.6	4.5	1	9	3	11.1	11.1
0	6	12*	0.	0.7	1	13	1*	0.	-1.2	-1	9	3*	0.	0.9
0	8	12	17.1	-13.1	-1	13	1*	3.1	2.4	1	11	3*	3.0	-2.6
0	10	12*	9.7	-7.0	1	15	1*	2.9	-4.3	-1	11	3	4.7	-5.8
0	12	12	24.4	23.7	-1	15	1	5.3	-4.0	1	13	3	12.3	-12.3
0	14	12*	2.8	1.4	1	17	1*	3.6	0.4	-1	13	3*	1.9	0.7
0	16	12*	0.	-0.1	-1	17	1*	0.	-0.7	1	15	3*	3.9	5.4
0	18	12*	0.	-2.2	1	19	1*	0.	1.2	-1	15	3	9.9	7.3
0	1	13	15.4	-14.3	-1	19	1*	3.3	2.9	1	17	3	8.3	7.9
0	3	13	7.6	7.1	1	21	1*	0.	0.5	-1	17	3*	3.1	-1.7
0	5	13	13.6	17.3	-1	21	1*	3.1	1.0	1	19	3	8.2	-7.5
0	7	13	11.5	-11.4	1	23	1*	0.	-1.2	-1	19	3*	3.7	-5.1
0	9	13	17.4	-10.1	-1	23	1*	0.	-0.6	1	21	3*	3.5	-3.9
0	11	13*	3.1	3.2	1	25	1*	4.6	2.1	-1	21	3*	3.6	1.1
0	13	13	15.3	15.2	-1	25	1*	0.	-2.4	1	23	3*	4.8	4.8
0	15	13	3.1	-7.0	1	0	2	12.4	15.7	-1	23	3*	4.8	3.5
0	17	13	11.3	-12.2	-1	0	2	47.2	44.9	1	25	3*	4.6	4.7
0	1	14	23.0	23.7	1	2	2	6.1	5.6	-1	25	3*	0.	-1.0
0	2	14*	1.5	0.8	-1	2	2*	2.1	-0.2	1	0	4	69.1	-57.1
0	4	14*	4.1	-4.5	1	4	2	74.0	-74.7	-1	0	4	69.9	71.7
0	6	14*	0.	-0.5	-1	4	2	89.3	-89.1	1	2	4*	1.3	-0.7
0	8	14	17.0	29.0	1	6	2	11.2	-11.8	-1	2	4*	2.5	-1.1
0	10	14*	0.	-0.0	-1	6	2*	2.6	2.4	1	4	4	22.9	-22.7
0	12	14	26.0	-26.5	1	8	2	91.7	91.9	-1	4	4	146.7	-144.4
0	14	14*	3.5	-2.5	-1	8	2	75.9	75.0	1	6	4*	1.2	2.0
1	0	0	145.0	148.5	1	10	2	10.6	10.5	-1	6	4	4.3	4.1
1	2	0	3.1	1.8	-1	10	2*	0.	-0.9	1	8	4	22.3	-21.4
1	4	0	39.9	37.9	1	12	2	63.3	-69.5	-1	8	4	32.5	31.7
1	6	0	7.5	-8.1	-1	12	2	41.8	-42.5	1	10	4*	1.6	1.4
1	8	0	26.3	27.0	1	14	2	8.4	-7.3	-1	10	4*	2.6	2.7
1	10	0*	2.2	3.7	-1	14	2*	1.4	-1.5	1	12	4	35.8	36.3
1	12	0	77.7	-76.7	1	16	2	51.1	49.3	-1	12	4	20.4	20.9
1	14	0	5.5	-4.9	-1	16	2	23.4	23.6	1	14	4*	3.0	2.3
1	16	0	26.2	26.2	1	18	2	6.2	7.5	-1	14	4*	0.	-1.6
1	18	0*	4.5	2.7	-1	18	2*	1.8	0.4	1	16	4	25.9	25.1
1	20	0	53.3	-53.3	1	20	2	30.0	-28.8	-1	16	4	32.0	33.8
1	22	0*	1.0	1.7	-1	20	2	15.3	-14.8	1	18	4*	3.9	-3.4
1	24	0	29.2	29.9	1	22	2*	4.9	-6.9	-1	18	4*	0.	0.7
1	26	0*	4.3	4.0	-1	22	2*	2.3	-5.5	1	20	4*	0.	0.1
1	1	1	2.8	-1.3	1	24	2	26.9	28.5	-1	20	4*	4.4	-1.3
-1	1	1*	2.0	-0.7	-1	24	2	19.3	20.5	1	22	4*	0.	0.2
1	3	1	7.2	7.1	-1	26	2*	5.0	2.5	-1	22	4*	7.4	-2.9
-1	3	1*	1.4	-1.5	1	1	3	24.2	24.5	1	24	4*	4.6	-3.3
1	5	1	6.2	-5.3	-1	1	3*	2.1	2.8	-1	24	4*	6.8	-3.6
-1	5	1	3.7	2.4	1	3	3	14.7	-14.2	1	1	5	10.4	11.6
1	7	1	5.3	0.9	-1	3	3*	2.6	-3.2	-1	1	5*	2.3	2.0
-1	7	1	7.9	-7.8	1	5	3	23.3	-23.9	1	3	5	8.4	-8.3
1	9	1	3.4	-2.6	-1	5	3	4.3	-2.6	-1	3	5*	3.0	-3.7
-1	9	1*	0.	1.6	1	7	3	12.3	11.6	1	5	5	13.2	-13.3
1	11	1*	3.5	5.3	-1	7	3	4.0	3.3	-1	5	5*	2.4	1.4

H	K	L	/FC/	/FC/	H	K	L	/FC/	/FC/	H	K	L	/FC/	/FC/
1	7	5	4.4	-4.8	-1	5	7	6.5	7.4	-1	7	9	6.3	5.7
-1	7	5	7.0	4.7	1	7	7	7.3	7.9	1	9	9	11.2	-11.6
1	9	5	24.1	24.7	-1	7	7	6.9	7.4	-1	9	9	6.3	-7.0
-1	9	5*	2.9	2.7	1	9	7	6.8	6.7	1	11	9*	0.	-2.3
1	11	5	7.9	-7.5	-1	9	7	5.6	-5.7	-1	11	9*	0.	1.2
-1	11	5	6.1	-6.5	1	11	7	6.9	-9.2	1	13	9*	2.8	3.0
1	13	5	10.8	-10.9	-1	11	7	6.2	-5.4	-1	13	9*	3.3	3.0
-1	13	5*	0.	-2.1	1	13	7	6.9	-6.8	1	15	9*	1.9	1.0
1	15	5*	3.8	5.0	-1	13	7*	0.	3.0	-1	15	9*	1.2	-1.3
-1	15	5*	2.7	2.0	1	15	7	7.7	0.2	1	17	9	5.3	-3.2
1	17	5	9.3	3.5	-1	15	7*	3.3	1.8	-1	17	9*	3.7	-1.7
-1	17	5*	3.9	0.9	1	17	7	7.6	7.4	1	19	9*	1.2	-0.5
1	19	5*	0.	-0.8	-1	17	7*	0.	0.3	-1	19	9*	3.0	1.2
-1	19	5*	1.3	-0.6	1	19	7	6.8	-6.7	1	21	9*	2.7	4.3
1	21	5	9.2	-10.4	-1	19	7*	0.	-0.3	-1	21	9*	4.7	2.4
-1	21	5*	0.	-2.2	1	21	7	5.9	-5.3	1	0	10	75.0	-74.0
1	23	5*	0.	4.0	-1	21	7*	3.7	-0.6	-1	0	10	98.4	-11.4
-1	23	5*	0.9	0.0	1	23	7*	3.3	4.8	1	2	10*	2.5	-2.2
-1	25	5*	0.	1.1	-1	23	7*	0.	-0.4	-1	2	10*	0.	-0.1
1	0	6	11.2	10.0	1	0	8*	1.8	-1.3	1	4	10	36.9	35.8
-1	0	6	61.6	-63.6	-1	0	8	13.0	-7.7	-1	4	10	46.0	45.0
1	2	6*	0.	-0.7	1	2	6*	0.9	-0.4	1	6	10*	1.7	2.9
-1	2	6*	3.0	-2.9	-1	2	6*	0.	0.9	-1	6	10*	2.9	1.1
1	4	6	23.8	23.5	1	4	8	51.8	51.8	1	8	10	31.9	-31.2
-1	4	6	97.3	97.2	-1	4	8	67.1	66.7	-1	8	10	36.4	-35.9
1	6	6*	1.6	3.1	1	6	8*	3.9	1.1	1	10	10*	0.	-2.2
-1	6	6	6.8	6.3	-1	6	8*	0.9	-3.8	-1	10	10*	0.	-1.2
1	8	6	8.7	-9.1	1	8	8	52.0	-52.3	1	12	10	38.9	38.9
-1	8	6	56.5	-56.5	-1	8	8	53.0	-53.6	-1	12	10	42.1	42.4
1	10	6	4.7	-4.6	1	10	8*	4.0	-3.0	1	14	10*	4.8	6.8
-1	10	6	8.3	-9.1	-1	10	8*	0.6	1.0	-1	14	10*	3.6	3.5
1	12	6	8.9	8.6	1	12	8	31.9	31.9	1	16	10	22.4	-22.2
-1	12	6	38.4	37.7	-1	12	8	24.2	23.6	-1	16	10	18.8	-19.8
1	14	6*	1.4	0.9	1	14	8*	1.8	1.4	1	18	10*	2.4	-3.5
-1	14	6	6.3	6.6	-1	14	8*	0.	0.3	-1	18	10*	2.2	-3.7
1	16	6	37.7	-37.6	1	16	8	42.4	-41.7	1	20	10	34.5	33.3
-1	16	6	61.3	-61.7	-1	16	8	36.5	-38.6	-1	20	10	34.5	35.1
1	18	6*	0.	0.7	1	18	8*	5.0	-2.6	1	1	11	10.0	-9.6
-1	18	6	5.5	-4.1	-1	18	8*	1.5	-2.6	-1	1	11*	4.4	-3.0
1	20	6	20.5	20.0	1	20	8	17.2	17.1	1	3	11	5.3	5.8
-1	20	6	35.5	35.1	-1	20	8	14.2	13.6	-1	3	11	7.0	7.3
1	22	6*	3.0	0.5	1	22	8*	4.9	4.7	1	5	11	14.7	15.3
-1	22	6*	4.9	4.5	-1	22	8	5.9	5.9	-1	5	11	5.1	3.1
1	24	6	10.8	-11.1	1	1	9	6.3	-5.6	1	7	11	8.3	-8.5
-1	24	6	20.7	-21.1	-1	1	9*	4.0	-3.0	-1	7	11	12.3	-12.5
1	1	7	8.4	6.9	1	3	9	5.2	4.6	1	9	11	14.5	-14.4
-1	1	7*	0.	-1.2	-1	3	9*	2.5	0.9	-1	9	11*	0.	-2.1
1	3	7	10.9	-10.4	1	5	9*	3.4	1.2	1	11	11	9.2	9.7
-1	3	7	6.8	-6.6	-1	5	9*	0.	0.1	-1	11	11	11.6	12.1
1	5	7	4.5	-3.4	1	7	9	10.9	11.0	1	13	11	12.2	11.4

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-1	13	11*	4.2	2.0	-1	6	14*	1.9	0.1	-2	0	2	25.7	-21.5
1	15	11	0.3	-0.5	1	8	14	14.7	14.9	2	2	2*	1.8	-1.7
-1	15	11	0.6	-0.4	-1	9	14	36.2	35.8	-2	2	2	7.3	6.4
1	17	11	7.4	-7.7	1	10	14*	2.5	-2.1	2	4	2	128.9	-132.0
-1	17	11*	4.0	-2.4	-1	10	14*	0.	0.3	-2	4	2	44.1	-43.8
1	19	11	0.0	0.0	1	12	14	21.3	-21.0	2	6	2*	2.3	1.2
-1	19	11	7.8	6.4	-1	12	14	42.0	-40.3	-2	6	2	9.9	-10.2
1	0	12	10.5	-10.7	1	14	14*	0.9	-1.5	2	6	2	91.8	93.5
-1	0	12	23.4	-22.5	-1	14	14*	6.0	-4.3	-2	8	2	67.0	67.2
1	2	12*	0.	0.0	-1	16	14*	4.1	5.5	2	10	2*	2.3	0.1
-1	2	12*	0.	0.0	2	0	0	224.5	226.5	-2	10	2	9.0	8.5
1	4	12*	3.6	1.6	2	2	0	3.6	3.5	2	12	2	49.9	-51.3
-1	4	12	3.0	0.7	2	4	0	51.0	-53.3	-2	12	2	49.4	-49.5
1	6	12*	3.1	-2.0	2	6	0	7.7	-7.7	2	14	2*	1.1	-1.5
-1	6	12*	1.0	1.2	2	8	0	51.7	51.9	-2	14	2	6.9	-5.0
1	8	12	11.0	-11.6	2	10	0*	4.1	3.9	2	16	2	30.9	31.1
-1	8	12	22.6	-21.6	2	12	0	75.3	-73.3	-2	16	2	35.9	35.1
1	10	12*	0.	1.0	2	14	0	6.0	-6.6	2	18	2*	5.1	5.1
-1	10	12*	1.3	-1.1	2	16	0	26.3	25.7	-2	18	2	5.7	5.1
1	12	12	15.5	14.0	2	18	0*	4.5	4.6	2	20	2	17.4	-18.2
-1	12	12	25.0	24.3	2	20	0	51.0	-50.9	-2	20	2	18.4	-18.0
1	14	12*	1.0	0.0	2	22	0*	1.8	-1.1	2	22	2*	4.7	-5.5
-1	14	12*	2.5	2.5	2	24	0	28.6	29.2	-2	22	2*	4.2	-5.1
1	16	12*	3.0	4.3	2	1	1*	2.0	-1.1	2	24	2	22.5	23.2
-1	16	12*	0.	2.4	-2	1	1	8.3	-8.9	-2	24	2	20.6	20.5
-1	18	12*	2.0	-3.2	2	3	1	13.5	12.5	2	1	3	13.8	13.9
1	1	13	10.7	-10.0	-2	3	1*	2.1	-2.8	-2	1	3	16.0	-16.5
-1	1	13	0.3	-0.1	2	5	1	10.9	-9.8	2	3	3	11.3	-12.3
1	3	13	6.7	8.3	-2	5	1	15.4	14.9	-2	3	3	14.3	15.5
-1	3	13	11.8	11.4	2	7	1	7.6	7.2	2	5	3	13.5	-13.7
1	5	13	11.8	12.7	-2	7	1	10.8	-10.4	-2	5	3	13.6	12.0
-1	5	13	8.5	8.3	2	9	1*	3.5	-2.4	2	7	3	19.5	20.1
1	7	13	13.7	-14.8	-2	9	1*	3.1	-2.8	-2	7	3	19.3	-19.1
-1	7	13	15.6	-15.8	2	11	1*	1.5	-3.5	2	9	3	4.7	5.4
1	9	13*	3.6	-5.0	-2	11	1*	2.9	2.5	-2	9	3	4.1	-4.7
-1	9	13*	2.3	-0.3	2	13	1*	3.1	-3.4	2	11	3	9.5	-10.0
1	11	13*	3.5	5.9	-2	13	1	3.3	7.9	-2	11	3	12.7	14.0
-1	11	13	6.5	6.6	2	15	1*	0.3	4.6	2	13	3	11.9	-13.4
1	13	13	13.8	13.0	-2	15	1*	2.3	-1.6	-2	13	3	5.3	6.2
-1	13	13	6.8	6.7	2	17	1*	0.	0.5	2	15	3	10.1	9.3
1	15	13	7.3	-7.6	-2	17	1*	4.3	-3.8	-2	15	3	10.4	-11.0
-1	15	13	6.6	-6.0	2	19	1*	6.4	-5.3	2	17	3	8.9	10.2
-1	17	13	7.3	-7.6	-2	19	1*	1.5	1.1	-2	17	3	5.4	-4.7
1	0	14	16.6	15.0	2	21	1*	0.	1.4	2	19	3	7.8	-9.8
-1	0	14	46.0	46.1	-2	21	1*	0.	2.7	-2	19	3	8.7	10.1
1	2	14*	1.7	0.4	2	23	1*	0.	0.9	2	21	3	5.8	-5.3
-1	2	14*	3.3	-0.1	-2	23	1*	2.2	2.3	-2	21	3*	4.0	1.0
1	4	14*	4.1	-0.7	2	25	1*	0.	2.6	2	23	3*	1.4	4.1
-1	4	14	21.7	-22.0	-2	25	1*	5.6	-5.3	-2	23	3*	5.1	-5.7
1	6	14*	2.9	1.5	2	0	2	123.6	123.9	2	25	3	6.9	5.8

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-2	25	3*	0.	-2.2	-2	23	5*	2.3	-0.9	2	0	8	26.9	-29.5
2	0	4	21.5	20.1	-2	25	5*	2.3	-0.8	-2	0	8	6.3	5.7
-2	0	4	159.6	-156.7	2	0	6	36.8	-34.9	2	2	8*	0.6	1.4
2	2	4	3.4	-2.4	-2	0	6	41.9	-42.0	-2	2	8*	2.2	-3.0
-2	2	4*	0.7	0.1	2	2	6*	0.	0.2	2	4	8	62.7	63.2
2	4	4	76.1	-75.1	-2	2	6*	0.	-2.0	-2	4	8	64.7	64.0
-2	4	4	33.1	34.7	2	4	6	49.3	48.0	2	6	8*	1.8	-0.5
2	6	4*	2.6	1.3	-2	4	6	76.5	74.8	-2	6	8	5.0	4.8
-2	6	4*	1.4	1.2	2	6	6*	3.3	2.7	2	8	8	52.4	-53.2
2	8	4	19.1	17.1	-2	6	6	4.0	3.7	-2	8	8	65.9	-66.2
-2	8	4	50.5	-50.6	2	8	6	15.8	-15.9	2	10	8*	2.3	-2.8
2	10	4*	3.3	3.2	-2	8	6	35.0	-34.2	-2	10	8	6.6	-7.1
-2	10	4*	0.	2.6	2	10	6*	4.4	-4.3	2	12	8	28.4	28.0
2	12	4	12.4	12.3	-2	10	6	6.4	-6.0	-2	12	8	42.2	41.9
-2	12	4	49.0	50.2	2	12	6	5.0	4.6	2	14	8*	2.5	2.8
2	14	4*	3.0	-0.7	-2	12	6	18.0	18.0	-2	14	8*	4.4	4.9
-2	14	4*	3.8	2.2	2	14	6*	3.3	1.7	2	16	8	32.7	-33.5
2	16	4	32.4	32.7	-2	14	6*	3.9	3.3	-2	16	8	54.5	-54.2
-2	16	4	21.2	19.4	2	16	6	27.8	-27.6	2	18	8*	5.0	-4.8
2	18	4*	4.0	0.6	-2	16	6	46.5	-47.5	-2	18	8*	2.8	-4.3
-2	18	4	5.5	-5.1	2	18	6*	3.1	-2.2	2	20	8	12.3	13.5
2	20	4	5.9	-5.9	-2	18	6*	2.2	-0.5	-2	20	8	23.6	23.1
-2	20	4	7.0	7.2	2	20	6	15.0	14.3	-2	22	8*	5.3	6.4
2	22	4*	0.8	-2.6	-2	20	6	26.0	26.3	2	1	9	4.9	4.0
-2	22	4*	0.	2.0	2	22	6*	5.4	2.6	-2	1	9*	3.2	-3.3
2	24	4*	2.9	1.6	-2	22	6*	2.6	1.6	2	3	9*	4.7	5.8
-2	24	4	9.9	-10.1	2	24	6	14.8	-16.4	-2	3	9*	0.5	1.3
2	1	5	17.3	16.4	2	1	7	14.5	16.2	2	5	9	12.5	-13.1
-2	1	5*	0.	2.7	-2	1	7*	2.8	3.3	-2	5	9*	1.9	-1.3
2	3	5	23.5	-25.4	2	3	7	19.3	-19.5	2	7	9*	4.3	3.7
-2	3	5	6.4	7.4	-2	3	7*	3.0	3.3	-2	7	9*	0.	1.8
2	5	5	6.5	-6.1	2	5	7	8.5	-8.7	2	9	9*	1.5	-0.0
-2	5	5	4.2	-3.5	-2	5	7	7.2	-6.9	-2	9	9*	4.0	-0.4
2	7	5	16.9	18.1	2	7	7	11.2	10.8	2	11	9*	5.0	5.5
-2	7	5	4.8	-5.4	-2	7	7*	3.7	-4.7	-2	11	9*	3.8	0.5
2	9	5	17.3	17.2	2	9	7	9.2	9.1	2	13	9	5.6	-5.0
-2	9	5*	2.5	-0.5	-2	9	7	5.4	5.9	-2	13	9*	0.	-0.3
2	11	5	26.4	-25.2	2	11	7	6.4	-6.3	2	15	9*	4.1	-3.9
-2	11	5	7.1	7.0	-2	11	7*	2.8	1.5	-2	15	9*	1.2	-0.1
2	13	5*	3.2	-4.0	2	13	7	7.8	-8.3	2	17	9*	0.3	0.9
-2	13	5*	1.4	-1.6	-2	13	7	5.2	-3.5	-2	17	9*	2.0	1.0
2	15	5	15.7	15.7	2	15	7*	4.4	3.3	2	19	9*	4.3	1.1
-2	15	5*	4.4	-4.8	-2	15	7*	0.	0.2	-2	19	9*	0.	1.8
2	17	5*	5.4	5.6	2	17	7	8.6	9.5	-2	21	9*	0.	0.6
-2	17	5*	0.	-1.7	-2	17	7*	2.5	2.5	2	0	10	66.2	-56.3
2	19	5	6.1	-6.3	2	19	7*	3.5	-2.7	-2	0	10	78.2	-78.3
-2	19	5*	0.9	0.3	-2	19	7*	2.6	-1.0	2	2	10*	4.2	-2.3
2	21	5	9.5	-10.3	2	21	7*	5.5	-7.8	-2	2	10*	7.4	-1.5
-2	21	5*	2.8	2.0	-2	21	7*	0.	-0.8	2	4	10	35.9	35.2
2	23	5	6.0	8.8	-2	23	7*	2.7	0.1	-2	4	10	29.9	28.5

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
2	6	17*	1.8	2.1	2	14	12*	0.7	2.1	-3	1	1	9.6	-9.5
-2	6	17	5.2	4.8	-2	14	12*	2.6	-2.1	3	3	1	4.2	2.3
2	8	17	29.2	-27.6	2	16	12*	0.	-0.7	-3	3	1*	3.0	-2.3
-2	8	17	32.4	-31.4	-2	16	12	13.3	13.5	3	5	1	6.6	-6.7
2	10	17*	3.1	-1.2	-2	16	12*	0.	-0.8	-3	5	1	16.3	16.5
-2	10	17*	3.4	-3.7	2	1	13	16.9	-16.5	3	7	1	14.4	15.2
2	12	10	35.0	34.6	-2	1	13*	4.4	-4.6	-3	7	1	11.6	-11.7
-2	12	10	46.3	46.4	2	3	13	14.8	14.7	3	9	1	8.4	-8.0
2	14	10*	3.2	3.4	-2	3	13*	0.7	1.6	-3	9	1*	0.	-1.6
-2	14	10*	2.4	4.1	2	5	13	15.6	15.7	3	11	1	5.3	-4.9
2	16	10	13.5	-20.7	-2	5	13	9.7	9.5	-3	11	1	4.5	1.4
-2	16	10	24.1	-23.6	2	7	13	20.2	-19.2	3	13	1*	1.8	8.8
2	18	10*	1.6	-1.9	-2	7	13*	0.	-3.1	-3	13	1	7.0	8.0
-2	18	10*	5.4	-3.2	2	9	13*	5.2	-4.5	3	15	1*	0.6	2.7
-2	20	10	33.3	37.0	-2	9	13*	4.8	-5.1	-3	15	1	4.9	-1.7
-2	22	17*	0.	1.2	2	11	13*	10.2	8.3	3	17	1*	1.8	-2.9
2	1	11	11.0	-19.7	-2	11	13*	0.	0.0	-3	17	1*	3.2	-3.3
-2	1	11	5.3	-6.1	2	13	13	12.1	12.2	3	19	1*	4.3	-3.2
2	3	11	12.8	12.7	-2	13	13	7.7	7.3	-3	19	1*	4.7	3.3
-2	3	11*	0.	0.1	-2	15	13*	5.5	-4.2	3	21	1*	2.7	3.5
2	5	11	10.6	10.5	-2	17	13	7.0	-6.2	-3	21	1*	2.3	2.4
-2	5	11	11.5	12.1	2	0	14	7.1	7.2	3	23	1*	0.	-0.9
2	7	11	14.5	-16.1	-2	0	14	22.8	23.0	-3	23	1*	5.1	0.1
-2	7	11*	3.3	2.6	2	2	14*	0.8	0.9	3	25	1*	1.8	2.6
2	9	11	3.2	-7.7	-2	2	14*	1.9	0.4	-3	25	1	7.5	-6.3
-2	9	11	11.0	-11.4	2	4	14*	2.4	4.7	3	0	2*	12.7	14.3
2	11	11	14.2	13.7	-2	4	14*	1.2	0.6	-3	0	2	108.9	104.2
-2	11	11	5.4	-2.7	2	6	14*	2.5	0.7	3	2	2*	2.3	-1.5
2	13	11	7.3	6.6	-2	6	14*	1.0	-1.4	-3	2	2*	0.	-0.4
-2	13	11	3.5	3.2	2	8	14	6.9	6.7	3	4	2	43.9	-44.5
2	15	11	9.5	-8.3	-2	8	14	21.2	21.1	-3	4	2	117.5	-115.4
-2	15	11*	4.1	1.5	2	10	14*	2.5	-0.2	3	6	2*	2.5	-0.4
2	17	11*	4.9	-5.8	-2	10	14*	4.0	-0.1	-3	6	2*	2.2	2.9
-2	17	11*	1.1	-5.8	-2	12	14	32.4	-32.3	3	8	2	60.1	59.3
-2	19	11*	0.	-0.2	-2	14	14*	1.4	-1.2	-3	8	2	79.4	78.4
-2	21	11*	4.4	3.2	-2	16	14*	2.2	-1.5	3	10	2*	2.2	2.2
2	0	12	9.7	-8.0	3	0	0	190.5	188.2	-3	10	2*	0.	-1.4
-2	0	12	10.9	10.8	3	2	0*	2.5	0.1	3	12	2	48.9	-49.1
2	2	12*	1.5	-0.4	3	4	0	59.6	-60.9	-3	12	2	37.6	-37.9
-2	2	12*	1.2	1.9	3	6	0*	3.0	1.4	3	14	2*	3.5	-2.4
2	4	12*	4.9	3.4	3	8	0	49.5	50.7	-3	14	2*	3.0	-1.4
-2	4	12	23.8	-23.1	3	10	0*	3.0	-2.1	3	16	2	35.5	35.6
2	6	12*	3.1	0.4	3	12	0	62.2	-62.6	-3	16	2	20.6	21.5
-2	6	12*	0.	-3.5	3	14	0*	3.9	-3.9	3	18	2*	3.6	4.8
2	8	12	15.2	-14.6	3	16	0	21.3	21.6	-3	18	2*	5.1	4.0
-2	8	12	3.4	6.1	3	16	0*	4.2	3.0	3	20	2	21.6	-22.1
2	10	12*	0.	-0.3	3	20	0	43.4	-43.8	-3	20	2	10.2	-9.5
-2	10	12	6.9	4.6	3	22	0*	2.8	-0.9	3	22	2*	5.4	-4.5
2	12	12	17.6	13.0	3	24	0	24.4	25.0	-3	22	2*	3.0	-4.3
-2	12	12*	4.2	3.1	3	1	1*	1.8	2.2	3	24	2	22.4	23.7

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-3	24	2	14.3	15.6	-3	24	4	11.8	-11.5	3	1	7	10.7	10.0
3	1	3	21.0	21.2	3	1	5	28.7	29.8	-3	1	7	4.0	-4.0
-3	1	3	29.1	-23.3	-3	1	5	10.4	-10.6	3	3	7	8.5	-8.3
3	3	3	16.9	-18.5	3	3	5	27.7	-27.7	-3	3	7	5.1	5.2
-3	3	3	15.5	14.1	-3	3	5	13.5	12.7	3	5	7	10.9	-9.5
3	5	3	16.5	-16.6	3	5	5	27.2	-28.3	-3	5	7*	1.6	2.5
-3	5	3	22.3	23.0	-3	5	5	12.3	11.7	3	7	7*	8.8	1.4
3	7	3	20.2	20.6	3	7	5	8.6	7.8	-3	7	7	4.2	-4.5
-3	7	3	12.2	-11.8	-3	7	5*	1.2	-0.6	3	9	7	13.3	13.2
3	9	3	5.9	4.2	3	9	5	36.1	37.0	-3	9	7*	2.6	-2.4
-3	9	3	14.1	-13.6	-3	9	5	15.8	-15.7	3	11	7*	3.2	-3.7
3	11	3	7.7	-6.3	3	11	5	15.1	-15.2	-3	11	7	5.0	5.1
-3	11	3*	2.3	1.6	-3	11	5	6.3	7.9	3	13	7	11.7	-11.8
3	13	3	11.3	-12.0	3	13	5	17.9	-17.7	-3	13	7*	1.4	1.4
-3	13	3	16.0	15.8	-3	13	5*	3.4	3.7	3	15	7	8.2	6.3
3	15	3	7.6	6.5	3	15	5	8.1	9.0	-3	15	7	6.4	-5.9
-3	15	3*	0.	0.8	-3	15	5	6.3	-7.7	3	17	7	11.4	11.2
3	17	3	8.3	8.4	3	17	5	15.2	14.9	-3	17	7*	0.	0.3
-3	17	3	12.7	-12.4	-3	17	5*	4.8	-4.6	3	19	7	6.9	-7.5
3	19	3	0.0	-0.4	3	19	5*	2.5	-1.8	-3	19	7*	1.6	4.8
-3	19	3*	2.5	2.7	-3	19	5*	2.4	3.3	3	21	7	7.1	-7.7
3	21	3*	5.2	-4.9	3	21	5	17.4	-17.0	-3	21	7*	4.5	-0.3
-3	21	3	6.9	7.2	-3	21	5*	3.1	4.9	-3	23	7*	2.0	-3.8
3	23	3*	5.3	5.1	3	23	5	7.3	6.7	3	0	8*	4.2	4.5
-3	23	3*	0.	-1.1	-3	23	5*	4.1	-5.1	-3	0	8	51.3	-50.4
-3	25	3	7.4	-6.6	3	0	6	39.9	-41.3	3	2	8*	0.	1.7
3	0	4	17.9	-17.6	-3	0	6	76.9	-75.9	-3	2	8*	0.	0.3
-3	0	4	51.7	-48.7	3	2	6*	3.9	1.5	3	4	8	28.2	27.5
3	2	4*	0.	-0.4	-3	2	6*	0.	1.5	-3	4	8	108.7	109.3
-3	2	4*	0.	0.3	3	4	6	48.9	50.0	3	6	8*	1.2	-0.5
3	4	4	32.9	-33.2	-3	4	6	96.1	95.3	-3	6	8*	1.4	-1.4
-3	4	4	29.2	-27.5	3	6	6*	0.	0.2	3	8	8	32.4	-31.7
3	6	4*	1.5	-3.1	-3	6	6	4.1	-3.8	-3	8	8	62.7	-33.1
-3	6	4*	0.	-1.2	3	8	6	23.3	-24.3	3	10	8*	2.0	-1.7
3	8	4	9.9	11.1	-3	8	6	43.9	-43.3	-3	10	8*	1.6	-2.0
-3	8	4	24.8	-25.1	3	12	6*	1.1	-2.6	-3	12	8	19.1	19.6
3	10	4*	2.7	4.9	-3	10	6*	0.	-0.3	3	14	8*	41.9	41.9
-3	10	4*	3.8	4.5	3	12	6	13.8	13.2	-3	14	8*	0.	-0.1
3	12	4*	0.8	0.2	-3	12	6	20.7	20.9	3	16	8*	1.4	3.2
-3	12	4	45.1	44.8	3	14	6*	0.	0.1	3	16	8	25.2	-25.9
3	14	4*	2.0	1.0	-3	14	6*	3.5	1.9	-3	16	6	47.5	-48.5
-3	14	4*	2.8	-0.0	3	16	6	28.5	-29.1	3	18	8*	0.	-1.8
3	16	4	38.7	38.4	-3	16	6	47.1	-47.5	-3	18	8	6.4	-5.1
-3	16	4	13.1	13.7	3	18	6*	3.6	-1.1	3	20	8	9.6	9.6
3	18	4*	0.	-1.3	-3	18	6*	0.2	-2.1	-3	20	8	19.1	19.9
-3	18	4*	4.5	-2.1	3	20	6	15.4	15.6	-3	22	8	7.9	7.5
3	20	4	14.7	-13.9	-3	20	6	27.4	27.6	3	1	9*	1.9	-1.3
-3	20	4	10.1	9.9	3	22	6*	3.4	1.2	-3	1	9*	1.5	1.3
3	22	4*	0.	-0.6	-3	22	6*	0.	3.8	3	3	9	8.1	7.5
-3	22	4*	5.9	-0.1	-3	24	6	17.5	-18.0	-3	3	9*	0.	-1.3

F	K	L	/FO/	/FC/	F	K	L	/FO/	/FC/	F	K	L	/FO/	/FC/
3	5	9	6.2	-9.7	3	13	11	9.8	10.9	-3	10	14*	0.	0.2
-3	5	9	9.4	-5.1	-3	13	11*	4.0	-5.8	-3	12	14	42.1	-41.8
-3	7	9	7.2	6.8	3	15	11	7.7	-7.7	-3	14	14*	0.	-2.9
-3	7	9*	2.0	-4.2	-3	15	11*	4.5	-2.3	-3	16	14*	3.8	4.0
-3	9	9*	3.7	-0.1	-3	17	11*	0.	2.8	4	0	0	116.1	114.3
-3	9	9*	4.6	6.0	-3	19	11*	2.5	1.2	4	2	0	6.5	6.4
3	11	9*	2.7	-1.0	-3	21	11*	1.7	-2.0	4	4	0	39.9	-39.3
-3	11	9*	4.5	3.5	3	0	12	12.7	-12.7	4	6	0	8.3	-8.3
3	13	9	7.0	-7.2	-3	0	12	5.4	4.3	4	8	0	50.1	50.5
-3	13	9*	2.5	-1.8	3	2	12*	0.	0.3	4	10	0	5.6	6.3
3	15	9*	3.3	2.1	-3	2	12*	0.	-1.0	4	12	0	71.2	-69.7
-3	15	9*	0.	-0.5	3	4	12	9.0	8.4	4	14	0	6.4	-7.3
3	17	9*	0.	3.1	-3	4	12	14.2	-14.3	4	16	0	37.8	36.5
-3	17	9*	1.9	2.4	3	6	12*	3.9	-1.8	4	18	0	5.3	3.4
3	19	9*	5.2	-2.9	-3	6	12*	0.	3.1	4	20	0	50.3	-49.1
-3	19	9*	0.	0.4	3	8	12	15.9	-16.4	4	22	0*	3.8	-1.3
-3	21	9*	3.4	-1.1	-3	8	12	7.0	-6.2	4	24	0	28.3	27.6
3	9	10	51.7	-50.1	3	10	12*	0.9	1.7	4	1	1	10.5	11.0
-3	9	10	73.3	-75.0	-3	10	12*	2.4	-1.6	-4	1	1	22.9	-22.5
3	2	10*	3.0	-3.1	3	12	12	13.2	13.1	4	3	1*	2.7	3.5
-3	2	10*	0.	-1.0	-3	12	12	16.4	15.4	-4	3	1	8.6	9.0
3	4	10	23.1	27.6	3	14	12*	0.	1.2	4	5	1	19.9	-20.3
-3	4	10	23.2	23.6	-3	14	12*	0.5	1.5	-4	5	1	32.1	30.5
3	6	10	5.1	2.4	-3	16	12	9.5	9.7	4	7	1	8.1	7.9
-3	6	10*	3.5	4.3	-3	18	12*	3.3	-1.7	-4	7	1	25.1	-23.6
3	8	10	26.0	-26.0	3	1	13	17.5	-17.7	4	9	1	5.0	5.4
-3	8	10	22.7	-22.5	-3	1	13*	1.5	-1.5	-4	9	1	14.1	-14.6
3	10	10*	0.	-0.8	3	3	13	12.0	11.6	4	11	1*	2.2	0.6
-3	10	10*	2.5	-3.4	-3	3	13*	3.3	1.9	-4	11	1	12.3	13.0
3	12	10	32.3	32.1	3	5	13	21.6	21.9	4	13	1	9.3	-8.8
-3	12	10	34.4	35.9	-3	5	13*	4.2	3.3	-4	13	1	19.0	19.4
3	14	10*	5.4	2.7	3	7	13	15.3	-14.8	4	15	1*	2.3	-0.8
-3	14	10*	1.8	3.2	-3	7	13*	2.0	-1.0	-4	15	1	9.0	-9.9
3	16	10	21.2	-21.5	3	9	13	14.7	-14.4	4	17	1*	5.1	3.2
-3	16	10	13.6	-14.7	-3	9	13*	0.	-0.7	-4	17	1	11.9	-11.6
3	18	10*	0.	-0.4	3	11	13	6.6	6.0	4	19	1*	0.	-1.3
-3	18	10*	3.4	-2.9	-3	11	13*	2.5	-1.9	-4	19	1	7.5	7.6
-3	20	10	32.0	31.5	-3	13	13*	0.	1.7	4	21	1*	1.9	-0.3
3	1	11	14.5	-13.7	-3	15	13*	0.	-0.2	-4	21	1	6.0	7.8
-3	1	11*	2.0	3.4	-3	17	13*	2.4	-3.3	4	23	1*	0.	-2.4
3	3	11	3.4	0.1	3	0	14	17.3	16.1	-4	23	1*	0.	-0.3
-3	3	11*	2.9	3.4	-3	0	14	46.7	47.2	4	0	2	9.7	9.5
3	5	11	19.3	17.7	3	2	14*	0.	1.2	-4	0	2	57.0	-53.0
-3	5	11*	4.5	-6.5	-3	2	14*	0.	-0.7	4	2	2*	2.4	0.3
3	7	11	9.9	-9.4	3	4	14	7.6	-7.3	-4	2	2*	0.	-0.4
-3	7	11	5.2	-6.3	-3	4	14	19.7	-19.5	4	4	2	27.7	-26.9
3	9	11	15.8	-15.1	3	6	14*	4.0	0.9	-4	4	2	13.7	13.2
-3	9	11	6.2	6.0	-3	6	14*	2.4	-0.2	4	6	2*	3.4	-2.9
3	11	11	9.5	8.9	3	8	14	16.5	15.5	-4	6	2*	0.	1.9
-3	11	11*	5.0	4.9	-3	8	14	35.4	35.5	4	8	2	35.4	35.1

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-4	9	2	14.3	14.7	4	10	4	6.0	5.8	4	12	6*	3.5	-3.1
4	10	2*	3.9	2.6	-4	10	4*	2.0	-3.5	-4	12	6	19.4	18.5
-4	10	2*	0.	-0.6	4	12	4*	0.	-1.8	4	14	5*	2.9	-1.2
4	12	2	27.2	-29.3	-4	12	4	39.5	40.3	-4	14	6*	4.0	3.7
-4	12	2	14.7	-15.0	4	14	4*	0.	-1.5	4	16	6	15.6	-15.2
4	14	2*	0.	-1.2	-4	14	4	5.2	5.2	-4	16	6	47.1	-47.2
-4	14	2*	0.	-0.8	4	16	4	29.2	29.8	4	18	5*	1.3	-0.1
4	16	2	29.6	20.3	-4	16	4	10.0	9.1	-4	18	6*	0.	-0.2
-4	16	2	13.1	11.9	4	18	4*	4.3	2.9	4	20	6	7.0	7.2
4	18	2*	0.	3.0	-4	18	4*	4.9	-4.0	-4	20	6	26.5	28.3
-4	18	2*	0.	2.0	4	20	4	10.3	-11.3	-4	22	5*	0.9	1.3
4	20	2	13.2	-13.2	-4	20	4	10.7	11.0	4	1	7	18.6	18.9
-4	20	2*	3.8	-3.7	4	22	4*	5.6	-3.5	-4	1	7	5.3	-5.5
4	22	2*	2.6	-2.7	-4	22	4*	0.	1.2	4	3	7	22.3	-23.8
-4	22	2*	1.9	-2.7	-4	24	4	12.1	-12.2	-4	3	7*	3.4	4.7
-4	24	2	3.9	0.7	4	1	5	14.6	14.4	4	5	7	11.0	-12.4
4	1	3	9.5	8.7	-4	1	5	4.1	-4.2	-4	5	7*	3.5	4.9
-4	1	3	15.6	-15.0	4	3	5	20.4	-20.7	4	7	7	18.1	18.1
4	3	3*	2.6	-1.8	-4	3	5	13.4	12.9	-4	7	7*	0.	1.3
-4	3	3	13.5	13.2	4	5	5	13.5	-13.2	4	9	7	14.3	14.4
4	5	3	12.7	-12.2	-4	5	5*	3.4	3.0	-4	9	7	7.0	-6.2
-4	5	3	13.3	13.2	4	7	5	12.4	12.8	4	11	7	14.3	-14.5
4	7	3	6.8	7.5	-4	7	5*	2.9	-0.5	-4	11	7*	3.0	-3.4
-4	7	3	19.2	-19.4	4	9	5	26.3	25.7	4	13	7	14.6	-14.3
4	9	3	7.9	5.4	-4	9	5	12.4	-12.8	-4	13	7	5.1	5.5
-4	9	3	6.4	-6.5	4	11	5	23.9	-24.8	4	15	7	11.3	10.6
4	11	3*	1.1	-1.0	-4	11	5	8.1	7.9	-4	15	7*	0.	2.2
-4	11	3	11.7	11.7	4	13	5	10.9	-11.8	4	17	7	15.5	14.5
4	13	3	13.8	-14.4	-4	13	5*	0.	1.0	-4	17	7*	4.3	-3.8
-4	13	3	14.8	13.4	4	15	5	18.2	19.1	4	19	7	9.0	-7.8
4	15	3	5.5	5.4	-4	15	5	5.6	-5.0	-4	19	7*	0.	-0.7
-4	15	3	10.3	-10.8	4	17	5	12.1	11.9	-4	21	7*	0.	2.9
4	17	3	10.5	10.7	-4	17	5*	0.4	-4.5	-4	23	7*	0.	-1.7
-4	17	3	10.6	-11.8	4	19	5	8.4	-9.4	4	0	8	23.1	-23.7
4	19	3	8.6	-9.7	-4	19	5*	1.4	-0.8	-4	0	8	24.7	-24.5
-4	19	3	12.4	12.7	4	21	5	14.9	-15.4	4	2	8*	4.6	1.3
4	21	3*	3.5	-4.5	-4	21	5	6.2	7.1	-4	2	8*	0.	-0.2
-4	21	3	5.9	6.7	-4	23	5*	2.4	-3.6	4	4	8	44.3	44.6
4	23	3*	5.5	4.7	4	0	6*	2.3	5.3	-4	4	8	77.2	77.1
-4	23	3	7.6	-7.6	-4	0	6*	3.7	-0.1	4	5	8*	3.4	1.0
4	0	4	35.9	35.9	4	2	6*	0.	0.3	-4	5	8*	0.5	0.9
-4	0	4	33.5	-34.3	-4	2	6*	3.4	-2.5	4	8	8	42.5	-42.3
4	2	4*	2.9	-0.9	4	4	6	5.6	4.6	-4	6	8	71.9	-72.9
-4	2	4	5.3	-5.0	-4	4	6	36.1	33.4	4	10	8	5.9	-3.7
4	4	4	57.7	-58.7	4	6	6*	3.3	2.9	-4	10	8*	3.5	-3.9
-4	4	4	22.9	-20.9	-4	6	6*	3.1	5.0	4	12	8	27.1	27.3
4	6	4*	0.	-3.3	4	8	6	5.1	4.6	-4	12	8	47.3	46.3
-4	6	4	6.9	7.5	-4	8	6	21.1	-20.1	4	14	8*	0.	2.3
4	8	4	22.2	22.2	4	10	5*	2.1	-2.7	-4	14	8*	2.6	3.7
-4	8	4	23.8	-22.0	-4	10	6*	4.3	-6.4	4	16	8	28.8	-27.9

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-4	16	9	53.2	-53.1	-4	5	11*	1.6	0.3	-4	16	14*	3.0	5.3
4	18	9*	6.0	-4.3	4	7	11*	4.8	-4.2	-4	9	15*	3.3	5.1
-4	18	9	5.9	-5.2	-4	7	11*	3.5	4.3	-4	11	15*	0.9	3.6
-4	20	9	23.5	24.1	4	9	11*	4.4	-3.8	-4	13	15*	2.1	-3.2
-4	22	9	6.4	7.0	-4	9	11*	3.0	-1.0	5	0	0	105.1	104.5
4	1	0*	2.4	-1.0	4	11	11*	5.7	6.3	5	2	0*	3.8	3.9
-4	1	0*	1.1	1.0	-4	11	11*	3.3	-3.8	5	4	0	42.7	-43.2
4	3	0	5.3	5.0	4	13	11*	5.2	3.5	5	6	0*	1.1	-2.4
-4	3	0	10.6	-11.6	-4	13	11*	0.	-0.7	5	8	0	28.2	29.6
4	5	0*	2.5	-2.0	-4	15	11*	-5.4	3.0	5	10	0*	1.0	0.8
-4	5	0*	0.	0.0	-4	17	11*	3.2	0.5	5	12	0	36.2	-35.6
4	7	0*	6.0	7.3	-4	19	11*	0.	-2.0	5	14	0*	5.0	-5.1
-4	7	0*	4.1	5.2	4	0	12	17.4	-17.4	5	16	0	13.8	13.3
4	9	0	0.1	-0.2	-4	0	12	8.6	-8.6	5	18	0*	2.6	2.2
-4	9	0*	3.8	4.7	4	2	12*	1.2	-0.7	5	20	0	28.9	-29.2
4	11	0*	1.8	0.2	-4	2	12*	0.	1.6	5	22	0*	0.9	-1.6
-4	11	0	5.1	-4.6	4	4	12	14.6	14.1	5	1	1	13.1	-13.8
4	13	0*	1.5	2.3	-4	4	12	5.7	-5.3	-5	1	1	21.1	-20.8
-4	13	0*	0.	-1.4	4	6	12*	0.8	0.8	5	3	1	18.2	18.1
4	15	0*	4.1	-1.0	-4	6	12*	0.	-3.2	-5	3	1	11.1	11.7
-4	15	0*	0.	2.0	4	8	12	13.2	-19.0	5	5	1	4.8	6.3
4	17	0*	1.5	-3.5	-4	8	12	5.6	-4.9	-5	5	1	25.2	24.8
-4	17	0*	5.4	5.1	4	10	12*	2.5	-2.0	5	7	1*	2.1	1.7
-4	19	0*	3.1	2.0	-4	10	12*	3.5	3.8	-5	7	1	24.0	-24.0
-4	21	0*	5.9	-4.0	-4	12	12	8.1	7.7	5	9	1	14.6	-14.2
4	0	10	28.6	-20.2	-4	14	12*	0.	-1.1	-5	9	1	9.7	-9.1
-4	0	10	55.2	-64.3	-4	16	12	17.5	16.6	5	11	1*	2.5	-0.5
4	2	10*	2.5	-2.5	-4	18	12*	1.9	-1.2	-5	11	1	12.8	12.6
-4	2	10*	1.0	1.5	4	1	13	16.8	-14.9	5	13	1	7.3	5.8
4	4	10	11.8	11.1	-4	1	13*	3.6	2.6	-5	13	1	14.8	14.0
-4	4	10	16.9	14.0	4	3	13	14.9	14.8	5	15	1*	0.	2.0
4	6	10*	0.	0.0	-4	3	13*	0.	2.2	-5	15	1	9.6	-9.4
-4	6	10*	0.	-1.7	-4	5	13	11.8	13.7	5	17	1	7.1	-7.1
4	8	10	6.3	-7.6	-4	5	13*	0.	-2.9	-5	17	1	7.8	-8.1
-4	8	10	12.9	-11.4	4	7	13	10.8	-19.9	-5	19	1*	4.7	-3.2
4	10	10*	0.	0.5	-4	7	13*	2.7	-1.9	-5	19	1	8.5	8.7
-4	10	10*	0.	2.1	-4	9	13*	3.7	2.9	5	21	1	6.4	6.5
4	12	10	12.5	12.8	-4	11	13*	0.	2.0	-5	21	1	7.3	6.4
-4	12	10	25.1	24.4	-4	13	13*	4.7	-3.8	5	23	1*	0.	-1.4
4	14	10*	0.	1.8	-4	15	13	6.5	-2.5	-5	23	1*	0.	-2.6
-4	14	10*	2.2	0.5	-4	17	13*	0.	1.0	5	0	2	67.4	69.3
4	16	10	3.4	-3.4	4	0	14*	1.9	1.8	-5	0	2*	3.3	-3.6
-4	16	10	6.7	-6.6	-4	0	14	39.5	39.9	5	2	2*	0.	-1.9
-4	18	10*	3.6	-1.7	-4	2	14*	0.	-0.8	-5	2	2*	2.4	2.0
-4	20	10	25.7	25.1	-4	4	14	12.7	-13.9	5	4	2	72.9	-74.9
4	1	11*	0.	0.7	-4	6	14*	0.	0.3	-5	4	2	16.9	-15.3
-4	1	11*	0.	1.8	-4	8	14	33.8	33.0	5	6	2*	2.5	0.7
4	3	11*	3.5	-0.8	-4	10	14*	4.5	-1.0	-5	6	2*	1.8	-2.9
-4	3	11*	2.1	-2.5	-4	12	14	42.5	-41.9	5	8	2	66.8	67.5
4	5	11*	0.	2.8	-4	14	14*	4.4	-1.4	-5	8	2	22.0	21.1

H	K	L	/FQ/	/FQ/	H	K	L	/FQ/	/FQ/	H	K	L	/FQ/	/FQ/
5	10	2*	0.	2.0	-5	12	4	22.3	22.6	5	18	6*	1.4	0.9
-5	10	2*	2.5	2.3	5	14	4	6.6	5.3	-5	18	6*	5.3	-4.4
5	12	2	47.7	-48.7	-5	14	4*	3.5	-2.2	-5	20	6	34.2	34.2
-5	12	2	12.8	-12.2	5	16	4	19.5	19.5	-5	22	6*	5.0	4.9
5	14	2	5.9	-3.6	-5	16	4	19.3	17.2	5	1	7	24.3	24.3
-5	14	2*	0.	-1.4	5	18	4*	4.1	-2.4	-5	1	7	7.4	9.1
5	16	2	31.7	32.1	-5	18	4*	0.	0.4	5	3	7	25.3	-24.3
-5	16	2	6.7	7.1	5	20	4	6.5	-7.1	-5	3	7*	0.	-0.9
5	18	2*	5.4	6.1	-5	20	4*	2.0	3.4	5	5	7	20.4	-20.0
-5	18	2*	0.	1.3	-5	22	4*	1.6	-0.7	-5	5	7	12.5	-12.9
5	20	2	21.2	-20.8	5	1	5	17.4	17.5	5	7	7	15.4	15.0
-5	20	2*	0.	-1.1	-5	1	5	22.0	-21.3	-5	7	7*	2.3	-0.8
5	22	2*	4.3	-4.0	5	3	5	22.0	-22.1	5	9	7	19.6	19.5
-5	22	2*	0.	-1.5	-5	3	5	28.7	27.4	-5	9	7	9.1	9.5
5	1	3	24.7	24.5	5	5	5	13.5	-13.9	5	11	7	11.0	-11.5
-5	1	3	21.2	-20.2	-5	5	5	21.1	19.2	-5	11	7*	0.	1.8
5	3	3	24.4	-24.7	5	7	5	11.2	11.3	5	13	7	16.1	-16.5
-5	3	3	17.7	16.4	-5	7	5	13.4	-13.6	-5	13	7	5.5	-5.9
5	5	3	19.8	-19.8	5	9	5	20.7	21.2	5	15	7	10.5	10.2
-5	5	3	19.0	13.3	-5	9	5	26.6	-26.6	-5	15	7*	3.3	-3.1
5	7	3	28.1	28.0	5	11	5	16.4	-11.1	5	17	7	15.1	15.0
-5	7	3	19.2	-13.7	-5	11	5	21.3	21.9	-5	17	7*	3.5	3.8
5	9	3	9.6	7.9	5	13	5	7.3	-7.4	-5	19	7*	3.1	3.3
-5	9	3	10.8	-12.3	-5	13	5	9.9	10.0	-5	21	7*	1.5	-2.3
5	11	3	14.4	-15.2	5	15	5	10.5	10.3	5	0	8	11.0	-10.1
-5	11	3	8.4	0.1	-5	15	5	15.0	-16.6	-5	0	8*	4.2	-3.3
5	13	3	17.1	-17.3	5	17	5	8.0	8.6	5	2	8*	0.7	2.2
-5	13	3	16.3	16.1	-5	17	5	9.6	-10.5	-5	2	8*	0.	-1.3
5	15	3	12.5	12.7	5	19	5*	0.	-2.3	5	4	8	25.6	25.6
-5	15	3	7.8	-7.9	-5	19	5*	5.2	6.4	-5	4	8	47.4	47.0
5	17	3	13.8	13.7	-5	21	5	11.6	11.7	5	6	8*	3.7	-0.2
-5	17	3	13.5	-13.4	-5	23	5	7.7	-8.1	-5	6	8*	3.5	4.4
5	19	3	13.3	-13.1	5	0	6	9.6	-8.6	5	8	8	25.1	-25.2
-5	19	3	9.3	10.4	-5	0	6	106.7	-106.6	-5	8	8	45.0	-10.2
5	21	3	6.7	-7.2	5	2	6*	0.	1.2	5	10	8*	3.4	-2.8
-5	21	3	6.5	7.5	-5	2	6*	2.5	-1.5	-5	10	8	6.2	-6.3
-5	23	3*	5.0	-5.4	5	4	6	10.3	10.6	5	12	8	15.2	14.6
5	0	4	9.0	-9.5	-5	4	6	112.9	113.1	-5	12	8	20.0	20.6
-5	0	4	47.0	-44.7	5	6	6*	2.1	1.0	5	14	8*	4.1	1.5
5	2	4	6.3	-7.4	-5	6	6*	3.3	3.3	-5	14	8*	3.2	3.8
-5	2	4*	0.	1.4	5	8	6	6.6	4.6	5	16	8	14.0	-15.4
5	4	4	11.2	-11.5	-5	8	6	67.7	-67.6	-5	16	8	35.4	-35.5
-5	4	4*	0.	-1.3	5	10	6*	0.	-1.0	-5	18	8*	5.0	-4.2
5	6	4*	2.7	2.1	-5	10	6	6.1	-6.5	-5	20	8	13.3	13.8
-5	6	4	5.5	-7.5	5	12	6	7.9	-7.9	-5	22	8*	5.2	5.0
5	8	4*	2.2	-2.1	-5	12	6	41.1	41.6	5	1	9	7.5	7.1
-5	8	4	15.8	-15.7	5	14	6*	2.8	-2.0	-5	1	9	6.6	7.3
5	10	4*	2.4	-1.1	-5	14	6*	4.2	5.4	5	3	9*	2.9	1.0
-5	10	4	8.5	9.3	5	16	6*	4.7	-6.2	-5	3	9	12.2	-12.6
5	12	4	6.7	6.9	-5	16	6	53.8	-55.1	5	5	9	15.6	-15.8

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-5	5	9	6.7	-6.5	5	2	12*	0.	0.5	6	3	1	8.5	8.4
5	7	9*	4.8	6.0	-5	2	12*	2.7	-0.4	-6	3	1*	0.	-1.4
-5	7	9*	0.3	1.5	5	4	12*	2.0	2.8	6	5	1*	0.	-2.7
5	9	9	7.2	7.6	-5	4	12	15.2	-15.5	-6	5	1	19.1	18.9
-5	9	9	12.9	12.6	5	6	12*	2.3	-2.8	6	7	1*	0.	1.7
5	11	9*	1.3	-0.7	-5	6	12*	3.2	0.7	-6	7	1	12.3	-11.1
-5	11	9	6.7	-5.7	-5	8	12*	3.4	-2.1	6	9	1	6.4	-7.7
5	13	9	10.5	-11.1	-5	10	12*	3.2	-0.0	-6	9	1	9.5	-9.5
-5	13	9*	7.5	-4.6	-5	12	12	9.8	9.5	6	11	1*	3.4	4.3
5	15	9*	2.1	1.2	-5	14	12*	0.	1.6	-6	11	1	6.1	5.6
-5	15	9	8.0	6.7	-5	16	12	10.3	12.6	6	13	1*	2.0	3.6
-5	17	9*	4.7	6.1	-5	18	12*	0.	-2.2	-6	13	1	15.1	15.5
-5	19	9*	1.5	-3.8	-5	1	13	6.4	6.0	6	15	1*	5.3	-5.4
-5	21	9*	3.7	-5.3	-5	3	13	12.5	-6.8	-6	15	1*	3.7	-5.4
5	0	10	37.1	-37.2	-5	5	13*	0.	-2.2	6	17	1	6.3	-6.0
-5	0	10	39.0	-39.5	-5	7	13	10.6	11.9	-6	17	1	9.8	-9.9
5	2	10*	4.8	-2.9	-5	9	13*	0.	-0.5	6	19	1*	0.	3.5
-5	2	10*	3.5	-2.1	-5	11	13	8.5	-7.6	-5	19	1*	5.9	5.8
5	4	10	25.0	24.1	-5	13	13*	5.4	-4.3	6	21	1	6.6	5.4
-5	4	10*	0.9	1.9	-5	15	13*	2.0	3.4	-6	21	1*	6.4	7.6
5	6	10*	2.2	2.0	-5	17	13*	3.5	2.7	6	0	2	10.9	8.1
-5	6	10*	3.7	5.5	-5	0	14	57.0	57.4	-6	0	2	30.0	31.3
5	8	10	21.2	-20.7	-5	2	14*	0.	1.3	6	2	2*	1.6	-0.3
-5	8	10	9.3	-5.9	-5	4	14	31.9	-32.3	-6	2	2*	2.0	-1.6
5	10	10*	0.	-0.6	-5	6	14*	4.4	-4.7	6	4	2	20.1	-20.1
-5	10	10*	3.5	-4.0	-5	8	14	50.1	49.3	-6	4	2	40.9	-41.1
5	12	10	23.7	22.5	-5	10	14*	2.9	4.6	6	6	2*	3.8	-0.5
-5	12	10	26.2	27.0	-5	12	14	54.3	-54.4	-6	6	2*	0.	3.1
-5	14	10*	0.	2.6	-5	14	14*	5.0	-5.4	6	8	2	31.7	31.5
-5	16	10	12.3	-11.8	-5	16	14	14.9	15.6	-6	8	2	38.2	37.7
-5	18	10*	0.	-0.5	-5	1	15*	3.4	-3.8	6	10	2*	2.1	1.5
-5	20	10	25.4	26.2	-5	3	15*	0.	-0.4	-6	10	2*	2.0	-0.6
5	1	11	15.2	-14.2	-5	5	15*	3.3	4.9	6	12	2	29.0	-29.7
-5	1	11	3.2	3.2	-5	7	15*	2.6	0.8	-6	12	2	21.5	-22.2
5	3	11	13.9	13.2	-5	9	15	5.3	-5.1	6	14	2*	0.	-1.1
-5	3	11	6.3	-6.3	-5	11	15*	0.	-2.2	-6	14	2*	2.9	-2.5
5	5	11	15.4	14.2	-5	13	15*	4.4	5.7	6	16	2	23.2	21.6
-5	5	11	7.1	-7.9	6	0	0	42.4	41.9	-6	16	2	12.5	11.7
5	7	11	14.2	-13.5	6	2	0*	3.8	1.9	6	18	2*	3.5	2.4
-5	7	11	8.7	8.1	6	4	0	10.7	-8.8	-6	18	2*	4.3	4.3
5	9	11	12.9	-10.7	6	6	0*	3.0	2.2	6	20	2	14.8	-14.2
-5	9	11	6.1	6.0	6	8	0	14.3	13.6	-6	20	2*	1.6	-3.7
5	11	11	11.9	11.2	6	10	0*	4.8	-3.9	-6	22	2*	4.4	-4.1
-5	11	11*	5.3	-7.4	6	12	0	29.1	-28.3	6	1	3	13.1	14.5
-5	13	11	7.1	-5.7	6	14	0*	0.	-0.6	-6	1	3	31.8	-31.3
-5	15	11*	5.1	5.3	6	16	0	14.9	15.3	6	3	3	9.7	-9.9
-5	17	11*	2.5	3.4	6	18	0*	2.8	-2.0	-6	3	3	28.5	27.8
-5	19	11*	0.	-3.4	6	20	0	26.4	-26.2	6	5	3	14.0	-13.5
5	0	12*	5.8	-3.9	6	1	1*	2.6	-1.9	-6	5	3	30.0	29.4
-5	0	12	7.0	7.4	-6	1	1	10.7	-9.6	6	7	3	11.3	10.4

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-6	7	3	26.6	-26.5	6	15	5	15.3	16.0	6	4	8	12.2	12.1
6	9	3*	4.9	6.0	-6	15	5	7.1	-7.0	-6	4	8	50.7	58.1
-6	9	3	20.8	-21.0	6	17	5	14.9	15.5	6	6	8*	3.7	-1.9
6	11	3*	1.8	-1.7	-6	17	5*	2.5	-4.3	-6	6	8*	4.6	-5.3
-6	11	3	15.1	14.7	-6	19	5*	2.6	0.3	6	8	8	16.1	-15.7
6	13	3	12.8	-12.5	-6	21	5	9.5	8.3	-6	8	8	49.5	-49.7
-6	13	3	25.1	24.8	6	0	6	7.9	-7.8	6	10	8*	6.	0.4
6	15	3*	2.3	3.7	-6	0	6	28.5	-27.3	-6	10	8*	3.4	2.8
-6	15	3	11.9	-11.7	6	2	6*	1.3	0.7	6	12	8	9.0	10.9
6	17	3	3.9	0.5	-6	2	6*	3.6	1.3	-6	12	8	26.6	27.2
-6	17	3	19.8	-20.3	6	4	6	10.4	10.5	6	14	8*	4.6	-2.0
6	19	3	8.1	-3.1	-6	4	6	42.0	40.4	-6	14	8*	3.4	-1.5
-6	19	3	13.0	13.8	6	6	6*	4.2	2.0	-6	16	8	29.5	-31.1
-6	21	3	11.7	12.6	-6	6	6*	0.5	-1.7	-6	18	8*	2.0	-2.5
6	0	4	16.3	16.0	6	8	6*	4.2	-3.0	-6	20	8	12.6	12.8
-6	0	4	24.7	-25.2	-6	8	6	23.9	-23.3	6	1	9*	0.	2.5
6	2	4*	0.	-0.3	6	10	6*	0.	-1.9	-6	1	9*	3.0	2.5
-6	2	4*	3.5	-3.5	-6	10	6*	3.2	-0.0	6	3	9*	3.3	-0.2
6	4	4	27.0	-27.5	6	12	6*	1.7	2.2	-6	3	9	10.3	-10.1
-6	4	4	6.5	3.6	-6	12	6	17.7	17.7	6	5	9	6.3	-6.8
6	6	4*	4.2	-4.8	6	14	6*	0.	-0.9	-6	5	9*	4.1	-0.1
-6	6	4*	2.5	3.0	-6	14	6*	0.	-0.2	6	7	9	9.4	10.3
6	8	4	14.3	14.0	6	16	6	10.9	-11.1	-6	7	9*	1.6	-2.1
-6	8	4	32.5	-32.7	-6	16	6	38.2	-37.0	6	9	9*	1.2	0.5
6	10	4*	4.1	5.4	-6	18	6*	0.	-0.6	-6	9	9	9.5	9.9
-6	10	4*	2.7	-2.1	-6	20	6	23.8	23.5	6	11	9	6.3	-6.4
6	12	4	7.0	-7.6	-6	22	6*	3.3	2.1	-6	11	9*	4.7	-1.0
-6	12	4	43.8	44.1	6	1	7	9.2	9.7	-6	13	9*	2.3	-3.8
6	14	4*	0.	0.0	-6	1	7	5.3	-4.8	-6	15	9*	2.8	0.7
-6	14	4*	5.1	6.0	6	3	7	11.7	-11.2	-6	17	9	7.7	7.7
6	16	4	24.8	24.4	-6	3	7*	3.9	4.4	-6	19	9*	0.	1.8
-6	16	4	3.4	-3.8	6	5	7	8.8	-8.5	6	0	10	21.1	-22.1
6	18	4*	0.	2.2	-6	5	7*	2.6	2.7	-6	0	10	76.9	-77.2
-6	18	4*	0.	-3.5	6	7	7	5.6	7.5	6	2	10*	0.	-2.4
-6	20	4	17.0	17.7	-6	7	7*	0.	1.0	-6	2	10*	0.	-0.9
-6	22	4*	0.	1.9	6	9	7	11.8	13.0	6	4	10	12.6	12.8
6	1	5	21.8	21.5	-6	9	7*	3.5	-3.5	-6	4	10	38.0	37.9
-6	1	5	6.8	-6.8	6	11	7	6.4	-8.0	6	6	10*	1.7	0.7
6	3	5	21.5	-21.3	-6	11	7*	3.2	-2.9	-6	6	10*	2.8	2.3
-6	3	5	12.1	12.3	6	13	7	14.0	-13.9	6	8	10	11.3	-10.1
6	5	5	23.4	-23.8	-6	13	7*	1.4	3.0	-6	8	10	27.2	-27.2
-6	5	5	6.4	6.3	6	15	7	7.4	8.5	-6	10	10*	3.7	-2.2
6	7	5	13.4	12.6	-6	15	7*	0.	1.2	-6	12	10	29.9	30.3
-6	7	5*	3.7	-0.1	-6	17	7*	0.	-1.4	-6	14	10*	3.9	3.9
6	9	5	31.1	31.4	-6	17	7*	0.	0.2	-6	16	10	11.1	-12.4
-6	9	5	16.0	-15.7	-6	21	7*	0.	0.0	-6	18	10*	2.5	-3.3
6	11	5	20.0	-20.1	6	0	8*	0.	0.5	6	1	11*	4.3	-4.5
-6	11	5	9.9	9.5	-6	0	8	28.3	-28.4	-6	1	11	17.2	17.5
6	13	5	17.7	-17.7	6	2	8*	2.5	2.7	6	3	11*	1.4	1.9
-6	13	5*	0.	1.3	-6	2	8*	3.0	3.6	-6	3	11	11.4	-11.2

F	K	L	/FO/	/FG/	F	K	L	/FO/	/FG/	F	K	L	/FO/	/FG/
6	5	11	3.3	3.6	7	20	0	20.5	-21.2	7	9	3*	0.	1.8
-6	5	11	19.6	-20.1	7	1	1	7.4	-7.5	-7	9	3	14.6	-14.0
-6	7	11	11.7	10.5	-7	1	1	20.4	-20.7	7	11	3*	3.3	-4.1
-6	9	11	13.2	12.3	7	3	1	13.7	13.9	-7	11	3	13.5	13.3
-6	11	11	8.7	-8.2	-7	3	1	14.2	14.6	7	13	3	10.7	-10.1
-6	13	11	14.3	-15.1	7	5	1*	0.	0.5	-7	13	3	20.0	19.3
-6	15	11	3.0	3.1	-7	5	1	24.6	24.8	7	15	3	6.2	6.2
-6	17	11	11.0	10.1	7	7	1*	1.3	-2.6	-7	15	3	13.6	-12.6
-6	0	12	23.7	20.4	-7	7	1	26.0	-25.7	7	17	3	8.1	8.4
-6	2	12*	3.8	-0.4	7	9	1	7.0	-6.2	-7	17	3	17.1	-17.1
-6	4	12	35.6	-35.7	-7	9	1	13.9	-14.4	-7	19	3	12.7	14.1
-6	6	12*	0.	-0.2	7	11	1*	2.9	2.7	7	0	4	21.0	20.9
-6	8	12	13.8	13.4	-7	11	1	18.9	19.2	-7	0	4	40.8	-40.1
-6	10	12*	4.0	1.6	7	13	1*	2.6	2.4	7	2	4*	1.5	-1.7
-6	12	12	10.3	-10.6	-7	13	1	13.6	17.6	-7	2	4*	0.	-3.0
-6	14	12*	4.5	-1.0	7	15	1*	3.5	-1.2	7	4	4	25.5	-25.9
-6	16	12	25.7	26.0	-7	15	1	16.0	-15.3	-7	4	4	20.2	19.5
-6	1	13	7.5	6.7	7	17	1*	4.6	-5.2	7	6	4*	3.8	-1.4
-6	3	13*	0.	-0.7	-7	17	1	10.5	-11.6	-7	6	4*	0.	1.0
-6	5	13	6.7	-7.5	7	19	1*	0.4	-0.3	7	8	4	12.3	12.0
-6	7	13*	4.4	4.4	-7	19	1	13.6	12.5	-7	8	4	26.6	-27.8
-6	9	13*	4.9	3.2	7	0	2	25.7	26.1	7	10	4*	0.	1.3
-6	11	13*	4.7	-0.1	-7	0	2	25.5	-25.3	-7	10	4*	0.	0.1
-6	13	13	7.6	-7.7	7	2	2*	2.6	-0.7	7	12	4	6.5	-4.8
-6	15	13*	0.	1.5	-7	2	2*	0.	0.0	-7	12	4	27.7	27.3
-6	0	14	33.6	36.4	7	4	2	30.1	-30.2	7	14	4*	0.	2.0
-6	2	14*	0.	-1.7	-7	4	2	9.2	10.2	-7	14	4*	4.4	4.1
-6	4	14	15.9	-15.5	7	6	2*	3.1	-0.9	7	16	4	15.8	16.3
-6	6	14*	9.	2.3	-7	6	2*	4.1	-0.1	-7	16	4*	4.5	8.3
-6	8	14	28.8	29.0	7	8	2	29.4	29.9	-7	18	4*	0.	-1.5
-6	10	14*	2.7	-2.1	-7	8	2	6.3	4.2	-7	20	4	9.4	9.3
-6	12	14	34.4	-34.6	7	10	2*	3.2	2.2	7	1	5	14.3	15.4
-6	14	14*	0.	-0.3	-7	10	2*	0.	0.3	-7	1	5	6.3	-5.6
-6	1	15*	5.0	2.6	7	12	2	22.1	-22.1	7	3	5	19.3	-19.4
-6	3	15*	5.6	-3.7	-7	12	2*	5.2	-5.3	-7	3	5	10.7	11.1
-6	5	15*	0.	-3.7	7	14	2*	4.5	-2.2	7	5	5	14.5	-14.6
-6	7	15*	0.	0.8	-7	14	2*	0.	0.1	-7	5	5	6.1	6.2
-6	9	15	7.1	3.9	7	16	2	14.1	14.0	7	7	5	15.1	14.8
-6	11	15*	3.1	-2.4	-7	16	2*	2.0	3.0	-7	7	5*	2.9	-2.7
-6	13	15*	0.	0.2	7	18	2*	1.8	3.1	7	9	5	20.8	20.3
7	0	0	43.5	44.1	-7	18	2*	4.4	-0.3	-7	9	5	16.9	-16.2
7	2	0	6.4	5.7	-7	20	2*	5.2	0.9	7	11	5	19.8	-19.7
7	4	0	19.8	-19.2	7	1	3*	5.3	4.8	-7	11	5	12.4	12.7
7	6	0	6.6	-6.2	-7	1	3	20.7	-19.6	7	13	5	12.0	-10.6
7	8	0	16.4	16.6	7	3	3*	3.5	-4.1	-7	13	5*	3.4	3.6
7	10	0*	5.4	4.4	-7	3	3	19.0	17.6	7	15	5	14.1	14.1
7	12	0	24.3	-23.9	7	5	3	5.7	-4.7	-7	15	5	10.5	-9.7
7	14	0	6.6	-6.3	-7	5	3	18.1	18.3	-7	17	5	7.2	-6.3
7	16	0	13.7	14.0	7	7	3	8.7	8.6	-7	19	5*	4.3	1.7
7	18	0*	2.7	1.8	-7	7	3	20.2	-19.8	7	0	6*	5.1	-3.9

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-7	0	6	25.9	-26.2	7	1	9	12.5	11.8	-7	0	14	31.0	31.1
7	2	6*	9.	0.2	-7	1	9	17.5	16.0	-7	2	14*	3.5	0.9
-7	2	6*	9.	-2.2	7	3	9	8.0	-6.5	-7	4	14	13.3	-14.5
7	4	6	5.4	4.2	-7	3	9	25.5	-24.6	-7	6	14*	2.8	-2.1
-7	4	6	35.5	35.1	7	5	9	14.7	-14.9	-7	8	14	31.5	31.5
7	6	6*	3.3	2.0	-7	5	9	11.2	-10.6	-7	10	14*	6.	1.7
-7	6	6*	4.9	6.3	7	7	9	9.7	10.5	-7	12	14	38.7	-38.8
7	8	6*	4.3	2.3	-7	7	9	12.2	12.8	-7	1	15*	0.	0.2
-7	8	6	22.7	-22.3	-7	9	9	17.8	17.9	-7	3	15*	2.8	-0.5
7	10	6*	0.	-0.9	-7	11	9	14.9	-15.4	-7	5	15*	6.	-2.4
-7	10	6	6.7	-6.4	-7	13	9	9.6	-9.5	-7	7	15*	2.8	-2.6
7	12	6*	0.	-3.1	-7	15	9	13.1	13.0	-7	9	15*	4.1	4.1
-7	12	6	18.9	18.9	-7	17	9	12.0	11.6	-7	11	15*	0.9	-1.2
7	14	6*	0.9	-2.3	-7	19	9	7.6	-7.2	0	0	0	43.7	44.2
-7	14	6*	4.1	2.5	-7	0	10	14.3	-15.8	0	2	0*	0.	2.3
-7	16	6	33.5	-34.3	-7	2	10*	0.	-0.0	0	4	0	25.5	-25.3
-7	18	6*	1.7	-1.1	-7	4	10	10.6	-10.3	0	6	0*	0.	1.1
-7	20	6	21.5	22.8	-7	6	10*	0.	-1.3	0	8	0	17.4	18.0
7	1	7	17.9	18.0	-7	8	10	7.5	7.5	0	10	0*	0.	-2.6
-7	1	7*	0.	1.4	-7	10	10*	0.	2.8	0	12	0	10.6	-19.3
7	3	7	22.1	-21.0	-7	12	10	7.6	6.6	0	14	0*	1.7	-1.1
-7	3	7*	3.5	2.4	-7	14	10*	2.3	-1.5	0	16	0	11.3	11.4
7	5	7	11.2	-12.3	-7	16	10*	0.	0.5	0	1	1*	1.6	-3.3
-7	5	7*	4.5	-5.3	-7	18	10*	0.	1.9	-0	1	1	24.5	-24.5
7	7	7	16.2	15.8	-7	1	11	8.6	7.6	0	3	1	6.4	6.5
-7	7	7*	1.5	-0.3	-7	3	11	7.4	-7.3	-0	3	1	16.5	16.2
7	9	7	11.9	11.7	-7	5	11	7.3	-7.7	0	5	1*	1.8	0.2
-7	9	7*	2.9	3.4	-7	7	11	10.8	11.7	-0	5	1	28.4	29.1
7	11	7	12.7	-12.3	-7	9	11	7.8	6.0	0	7	1*	0.	1.0
-7	11	7*	0.	-1.3	-7	11	11	11.9	-10.8	-0	7	1	22.7	-21.4
-7	13	7*	3.9	-1.1	-7	13	11	7.3	-7.4	0	9	1	7.6	-6.1
-7	15	7*	2.7	0.1	-7	15	11	8.9	8.5	-0	9	1	19.4	-19.6
-7	17	7*	0.	0.6	-7	17	11*	3.7	5.9	0	11	1*	3.1	0.7
-7	19	7*	3.9	1.4	-7	0	12*	2.2	4.7	-0	11	1	14.3	13.7
7	0	8*	0.	-1.7	-7	2	12*	2.3	1.4	-0	13	1*	0.	3.6
-7	0	8	7.4	-3.5	-7	4	12	12.2	-11.7	-0	13	1	21.5	20.4
7	2	8*	4.8	1.6	-7	6	12*	4.2	-4.6	0	15	1*	0.	-2.3
-7	2	8*	2.5	-0.2	-7	8	12*	2.8	2.9	-0	15	1	8.0	-9.6
7	4	8	8.6	9.3	-7	10	12*	2.7	4.7	-0	17	1	14.3	-14.1
-7	4	8	37.7	37.5	-7	12	12*	0.	-0.7	0	0	2	7.5	6.2
7	6	8*	9.	0.9	-7	14	12*	0.	-0.6	-0	0	2*	2.6	3.9
-7	6	8	5.5	4.6	-7	16	12	17.5	17.2	0	2	2*	0.	-2.2
7	8	8	8.7	-10.1	-7	1	13	5.9	6.7	-0	2	2*	0.	-0.1
-7	8	8	44.0	-43.3	-7	3	13*	4.5	-3.9	0	4	2	12.9	-11.0
7	10	8*	2.3	-3.4	-7	5	13	6.6	-5.8	-0	4	2	10.3	-9.3
-7	10	8	7.7	-7.2	-7	7	13	8.9	9.5	0	6	2*	0.3	2.7
-7	12	8	32.1	31.9	-7	9	13*	2.1	1.3	-0	6	2*	0.	-0.5
-7	14	8*	5.4	4.7	-7	11	13*	4.3	-3.2	0	8	2	17.6	17.2
-7	16	8	34.4	-34.1	-7	13	13	9.1	-8.9	-0	8	2	8.8	9.3
-7	18	8*	4.9	-5.7	-7	15	13*	2.7	1.5	0	10	2*	2.5	-0.9

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-3	10	2*	1.4	2.0	8	9	5	22.7	22.2	-8	11	9	7.1	-8.7
8	12	2	14.9	-15.9	-8	9	5	15.9	-15.9	-8	13	9	11.5	-12.4
-8	12	2	5.3	-1.9	8	11	5	15.1	-15.7	-8	15	9	7.0	7.1
8	14	2*	3.3	-0.4	-3	11	5	12.7	14.2	-8	17	9	13.7	1.5
-8	14	2*	3.0	-2.3	-3	13	5*	0.	2.7	-8	0	10	22.7	-22.4
8	16	2	3.0	0.7	-8	15	5	10.1	-11.0	-8	2	10*	2.5	-3.3
-8	16	2*	0.	-2.7	-8	17	5*	3.3	-4.3	-8	4	10*	0.	1.1
-6	18	2*	0.	2.1	8	0	6*	2.8	-3.0	-8	6	10*	4.4	3.5
8	1	3	7.5	3.3	-8	0	6	44.9	-44.6	-8	8	10*	0.8	-0.3
-8	1	3	23.2	-23.6	8	2	6*	0.	9.1	-8	10	10*	4.1	-4.4
8	3	3	3.3	-8.4	-8	2	6*	3.9	1.1	-8	12	10	9.3	9.2
-8	3	3	23.7	22.3	8	4	6*	4.3	2.5	-8	14	10*	0.	3.8
8	5	3*	5.3	-4.4	-3	4	6	45.5	45.7	-8	16	10*	0.	-2.5
-8	5	3	20.5	20.3	8	6	6*	2.1	2.3	-8	1	11	18.0	18.7
8	7	3	3.3	1.2	-3	6	6*	2.9	-0.7	-8	3	11	13.5	-12.9
-8	7	3	22.1	-21.3	8	8	6*	2.4	3.3	-8	5	11	21.0	-20.3
8	9	3*	0.	-1.4	-8	8	6	26.6	-26.9	-8	7	11	13.1	13.8
-8	9	3	15.1	-14.7	8	10	6*	0.	-2.0	-8	9	11	16.4	16.5
8	11	3*	1.9	-2.3	-3	10	6*	2.3	-0.2	-8	11	11	13.2	-12.4
-8	11	3	13.4	12.6	-8	12	6	16.1	17.0	-8	13	11	13.5	-14.1
8	13	3*	4.7	-4.0	-3	14	6*	0.	-0.1	-8	15	11	10.4	10.7
-8	13	3	13.6	13.5	-8	16	6	25.9	-26.4	-8	0	12	24.1	24.5
8	15	3*	0.	2.5	-3	18	6*	0.7	-1.9	-8	2	12*	1.0	-1.5
-3	15	3	11.0	-10.6	8	1	7	16.6	18.4	-8	4	12	25.9	-25.8
-8	17	3	16.3	-15.7	-8	1	7*	3.2	1.8	-8	6	12*	5.0	1.7
8	0	4	7.7	12.6	8	3	7	17.7	-17.3	-8	8	12	11.0	11.3
-8	0	4	20.1	-20.3	-8	3	7*	0.	0.2	-8	10	12*	5.1	-1.2
8	2	4*	0.	-1.4	8	5	7	17.3	-17.3	-8	12	12*	2.9	-4.1
-8	2	4*	0.	-1.1	-8	5	7*	4.0	-0.6	-8	14	12*	4.4	2.1
8	4	4	14.9	-15.2	8	7	7	11.6	11.6	-8	1	13	12.2	11.7
-8	4	4	9.3	10.0	-8	7	7*	0.	2.2	-8	3	13	10.1	-9.1
8	6	4*	0.	-1.1	-8	7	7*	2.8	3.1	-8	5	13	9.6	-9.8
-8	6	4	0.1	-3.0	-3	11	7*	3.9	-3.2	-8	7	13	13.5	14.6
8	8	4	9.1	9.4	-8	13	7*	2.3	-1.1	-8	9	13*	2.9	3.1
-8	8	4	22.5	-21.8	-8	15	7*	3.5	1.5	-8	11	13	8.1	-7.8
8	10	4*	0.	0.7	-8	17	7*	0.	1.0	-8	13	13	8.2	-9.4
-8	10	4*	4.9	4.7	-8	0	8	26.1	-25.9	-8	0	14	44.0	44.0
8	12	4	8.4	-7.5	-8	2	8*	0.	1.8	-8	2	14*	0.	0.7
-8	12	4	24.9	24.4	-8	4	8	42.3	42.4	-8	4	14	27.0	-28.3
8	14	4*	0.	1.6	-3	6	8*	3.8	0.0	-8	6	14*	2.7	-1.0
-8	16	4*	0.	-3.7	-8	8	8	37.6	-37.7	-8	8	14	36.8	37.2
-3	18	4*	3.9	-0.2	-8	10	8*	2.1	-1.8	-8	10	14*	4.9	1.6
8	1	5	19.6	20.0	-8	12	8	21.5	22.2	-8	1	15*	3.6	-4.2
-8	1	5	9.5	-10.2	-8	14	8*	2.8	0.3	-8	3	15*	0.	0.2
8	3	5	10.4	-20.0	-8	16	8	19.8	-21.7	-8	5	15*	2.2	4.4
-8	3	5	15.0	14.4	-8	1	9	16.1	16.7	-8	7	15*	3.1	-1.6
8	5	5	20.3	-20.1	-8	3	9	21.1	-20.6	-8	9	15*	2.2	-2.1
-8	5	5	19.5	1.7	-8	5	9	12.2	-13.4	8	0	0	11.3	12.1
8	7	5	12.7	13.4	-8	7	9	5.8	6.5	8	2	0*	0.	3.2
-8	7	5	7.7	-6.4	-8	9	9	20.0	20.9	8	4	0*	0.8	-2.4

H	K	L	/FO/	/FO/	H	K	L	/FO/	/FO/	H	K	L	/FO/	/FO/
9	6	0*	3.4	-1.6	9	2	4*	0.	-0.3	-9	5	9	7.2	-6.5
9	8	0*	4.9	3.3	-9	2	4*	0.	-2.5	-9	7	9	6.9	8.8
9	10	0*	0.	-0.1	9	4	4*	5.4	-5.5	-9	9	9	14.2	16.4
9	12	0	10.0	-0.4	-9	4	4*	4.7	-4.4	-9	11	9	10.5	-11.2
9	14	0*	0.	-2.1	9	6	4*	3.6	-2.9	-9	13	9	9.6	-9.2
-9	1	1	9.7	-3.5	-9	6	4*	0.	1.5	-9	0	10	22.2	-23.5
-9	1	1	16.1	-15.7	9	6	4*	3.0	-0.4	-9	2	10*	3.8	0.3
-9	3	1	12.9	13.3	-9	8	4	6.5	-8.0	-9	4	10	6.3	5.4
-9	3	1	19.5	17.2	-9	10	4*	4.9	-1.2	-9	6	10*	0.	-2.8
-9	5	1*	5.5	6.3	-9	12	4	11.7	13.1	-9	8	10*	2.8	0.2
-9	5	1	19.9	20.8	-9	14	4*	0.0	4.2	-9	10	10*	3.0	4.1
-9	7	1	6.5	-7.1	-9	16	4*	0.	-6.5	-9	12	10*	5.2	3.9
-9	7	1	18.0	-18.0	9	1	5*	2.7	2.2	-9	14	13*	1.5	-1.7
-9	9	1	10.4	-10.7	-9	1	5	13.0	-13.0	-9	1	11	8.9	10.8
-9	9	1	15.4	-15.7	9	3	5*	3.3	-3.6	-9	3	11	8.3	-8.1
9	11	1	6.2	7.0	-9	3	5	15.1	14.9	-9	5	11	12.8	-12.8
-9	11	1	15.1	15.7	9	5	5*	5.3	-4.7	-9	7	11	11.3	11.1
9	13	1	7.9	8.0	-9	5	5	13.3	14.0	-9	9	11	9.3	10.9
-9	13	1	17.4	17.3	-9	7	5	7.1	-6.9	-9	11	11	10.1	-10.3
-9	15	1	13.8	-13.5	-9	9	5	19.6	-19.4	-9	13	11	10.5	-10.8
9	0	2	12.7	12.7	-9	11	5	10.7	11.6	-9	0	12*	5.4	4.7
-9	0	2	16.5	-15.8	-9	13	5	7.9	7.8	-9	2	12*	3.1	0.1
-9	2	2*	2.3	-0.5	-9	15	5	7.2	-7.7	-9	4	12	8.8	-8.5
-9	2	2*	2.8	-2.4	-9	0	6	23.6	-23.0	-9	6	12*	0.	-2.1
-9	4	2	16.4	-16.3	-9	2	6*	1.5	-0.3	-9	8	12*	2.0	3.4
-9	4	2	9.8	8.3	-9	4	6	26.9	27.2	-9	10	12*	2.7	2.2
-9	6	2*	1.8	-0.4	-9	6	6*	2.7	2.2	-9	1	13	11.6	12.1
-9	6	2*	1.6	4.6	-9	8	6	21.5	-21.2	-9	3	13	7.5	-6.5
-9	8	2	17.9	19.4	-9	10	6*	3.6	-2.0	-9	5	13	12.7	-12.9
-9	8	2*	2.0	-0.7	-9	12	6	20.4	20.1	-9	7	13	7.7	9.5
9	10	2*	2.6	1.3	-9	14	6*	3.3	-0.5	-9	9	13	6.5	7.5
-9	10	2*	3.1	-3.4	-9	16	6	28.3	-27.9	-9	0	14	31.9	33.4
9	12	2	17.2	-16.7	-9	1	7	6.3	7.9	-9	2	14*	3.8	-0.5
-9	12	2*	0.	0.8	-9	3	7*	5.6	-5.3	-9	4	14	20.4	-22.0
-9	14	2*	4.6	1.7	-9	5	7	10.5	-11.2	-9	6	14*	2.8	2.5
9	1	3	11.5	11.5	-9	7	7	7.9	7.1	-9	1	15*	0.	-1.9
-9	1	3	11.7	-11.8	-9	9	7	8.9	10.1	-9	3	15*	2.9	1.5
9	3	3	9.8	-8.7	-9	11	7	8.8	-7.8	10	0	0	13.0	12.4
-9	3	3	11.0	10.7	-9	13	7	7.7	-7.6	10	2	0*	3.0	3.1
9	5	3	13.2	-11.5	-9	15	7*	5.7	5.0	10	4	0*	4.1	-4.1
-9	5	3	11.0	10.7	-9	0	8*	1.0	-2.1	10	6	0*	2.1	-1.9
9	7	3	8.1	3.3	-9	2	8*	3.1	3.1	10	8	0*	2.0	0.4
-9	7	3	10.9	-11.4	-9	4	8	15.8	17.1	10	1	1	14.0	-15.2
9	9	3	8.8	8.8	-9	6	8*	0.8	-2.6	-10	1	1	11.8	-11.7
-9	9	3	9.0	-8.9	-9	8	8	20.2	-20.1	10	3	1	17.4	17.3
-9	11	3	6.1	7.2	-9	10	8*	0.	0.1	-10	3	1	9.0	8.2
-9	13	3	14.3	13.3	-9	12	8	13.5	13.1	10	5	1	10.3	11.2
-9	15	3*	6.1	-7.8	-9	14	8*	2.1	-0.2	-10	5	1	14.4	13.7
9	0	4*	1.8	4.2	-9	1	9	11.5	10.7	10	7	1	11.8	-10.1
-9	0	4*	0.	-0.1	-9	3	9	18.4	-18.1	-10	7	1	13.1	-13.2

H	K	L	/FO/	/FO/	H	K	L	/FO/	/FO/	H	K	L	/FO/	/FO/
-10	9	1	3.2	-3.2	-10	5	9	6.7	-9.6	0	8	1	9.3	10.3
-10	0	2	3.2	3.2	-10	7	9	7.3	7.2	0	10	1	45.6	-45.2
-10	0	2*	0.6	1.0	-10	9	9	14.8	13.9	0	12	1	8.4	-8.9
-10	2	2*	2.7	-0.9	-10	11	9	8.5	-8.8	0	14	1	46.2	47.7
-10	2	2*	0.	0.6	-10	0	10	11.4	-11.9	0	16	1	4.8	4.2
-10	4	2	17.7	-11.0	-10	2	10*	0.	-2.7	0	18	1	28.7	-29.0
-10	4	2	6.0	-5.1	-10	4	10*	3.3	1.1	0	20	1	6.7	-7.0
-10	6	2*	2.5	-2.3	-10	6	10*	2.7	3.4	0	22	1*	0.	3.5
-10	8	2	10.0	8.1	-10	8	10*	0.	-1.5	0	24	1*	4.4	4.5
-10	10	2*	5.3	3.5	-10	10	10*	3.4	-2.4	0	26	1	24.7	-25.6
-10	1	3	24.7	-24.6	-10	1	11	21.1	21.5	0	1	2	6.7	-4.4
-10	3	3	24.6	23.7	-10	3	11	18.0	-18.2	0	3	2	24.9	25.6
-10	5	3	22.7	22.2	-10	5	11	23.3	-22.9	0	5	2	20.4	21.9
-10	7	3	23.1	-22.0	-10	7	11	19.9	19.5	0	7	2	28.1	-28.6
-10	9	3	17.3	-16.9	-10	9	11	19.8	19.4	0	9	2	14.5	-14.5
-10	11	3	15.3	15.6	-10	0	12	28.6	27.8	0	11	2	15.4	16.4
-10	0	4	27.0	-27.0	-10	2	12*	0.	0.6	0	13	2	7.0	6.1
-10	2	4*	3.0	-0.8	-10	4	12	27.6	-27.6	0	15	2	8.2	-8.5
-10	4	4	21.4	21.4	-10	6	12*	2.8	-3.4	0	17	2*	4.5	-2.3
-10	6	4*	5.1	-2.3	-10	1	13*	0.	1.0	0	19	2*	3.4	4.1
-10	8	4	23.2	-23.6	-10	3	13*	1.5	-0.7	0	21	2*	0.5	0.8
-10	10	4*	2.3	1.7	-11	0	2*	0.	-3.7	0	23	2*	0.	-1.6
-10	12	4	18.9	18.4	-11	2	2*	8.7	-1.5	0	25	2*	0.	-1.3
-10	1	5*	0.8	1.6	-11	1	3	14.4	-14.0	0	2	3	71.4	-73.9
-10	3	5*	2.8	1.7	-11	3	3	12.3	13.6	0	4	3	7.5	-6.1
-10	5	5*	0.	-0.8	-11	5	3	13.0	11.6	0	6	3	92.1	10.0
-10	7	5*	4.3	0.8	-11	0	4*	4.0	-2.9	0	8	3	6.0	8.0
-10	9	5	6.7	-5.3	-11	2	4*	0.	-0.5	0	10	3	21.7	-21.1
-10	11	3*	5.5	7.0	-11	4	4*	0.	2.3	0	12	3	5.7	-6.9
-10	0	6	24.9	-24.5	-11	6	4*	4.3	-2.3	0	14	3	46.5	46.4
-10	2	6*	4.7	-1.3	-11	1	5*	1.1	-2.9	0	16	3*	1.5	0.9
-10	4	6	24.1	23.0	-11	3	5*	5.3	4.6	0	18	3	48.7	-50.2
-10	6	6*	5.2	4.6	-11	5	5*	1.7	3.4	0	20	3*	3.0	-0.8
-10	8	6	13.4	-13.6	-11	0	6	10.1	-10.3	0	22	3	20.4	22.3
-10	10	6*	1.7	-4.4	-11	2	6*	0.9	1.5	0	24	3*	2.1	2.0
-10	12	6	8.9	7.4	-11	4	6	10.9	10.5	0	1	4	10.3	-10.9
-10	1	7	9.2	9.8	-11	6	6*	3.1	-2.2	0	3	4	15.3	14.5
-10	3	7	6.2	-7.5	-11	1	7*	0.	-0.7	0	5	4	9.6	11.3
-10	5	7	11.3	-11.8	-11	3	7*	0.	1.9	0	7	4	12.2	-12.4
-10	7	7	6.8	8.1	-11	5	7*	1.7	-2.0	0	9	4	8.7	-8.4
-10	9	7	8.1	9.5	-11	0	8	17.4	-17.0	0	11	4*	12.2	7.9
-10	11	7	8.6	-8.2	-11	2	8*	0.	2.4	0	13	4	5.2	4.3
-10	0	8*	0.	2.7	-11	4	8	23.2	22.5	0	15	4	7.3	-7.5
-10	2	8*	3.4	0.8	-11	1	9	19.8	20.6	0	17	4*	2.4	3.4
-10	4	8	8.0	8.6	-11	3	9	24.5	-24.0	0	19	4*	1.5	6.8
-10	6	8*	5.0	2.2	-11	0	10*	4.9	-6.2	0	21	4*	3.4	-2.1
-10	8	8	12.1	-12.7	-11	2	10*	0.	-2.0	0	23	4*	4.7	-0.6
-10	10	8*	2.6	-3.5	0	2	1	60.3	-61.0	0	25	4*	0.	0.8
-10	1	9	11.2	11.9	0	4	1	3.8	-9.8	0	2	5	116.4	-118.2
-10	3	9	17.5	-16.6	0	6	1	166.6	164.6	0	4	5	4.9	-3.7

H	K	L	/FO/	/FC/
0	6	5	46.4	46.8
0	8	5*	2.7	1.8
0	10	5	104.2	-105.0
0	12	5*	0.	-0.2
0	14	5	73.6	33.5
0	16	5	7.2	5.5
0	18	5	17.1	-16.5
0	20	5*	1.5	-3.0
0	22	5	38.3	39.3
0	24	5*	3.8	3.9
0	1	6	6.2	-6.5
0	3	6	11.0	-11.3
0	5	6	8.7	8.5
0	7	6	5.0	5.2
0	9	6	7.6	-7.1
0	11	6*	2.2	-2.7
0	13	6*	4.5	5.6
0	15	6*	3.7	5.5
0	17	6	8.4	-8.5
0	19	6*	0.	-2.2
0	21	6	7.2	6.4
0	23	6*	0.	0.9
0	2	7	36.4	-37.4
0	4	7*	0.	0.3
0	6	7	52.3	52.2
0	8	7	4.8	1.5
0	10	7	39.5	-39.2
0	12	7*	2.8	-2.7
0	14	7	32.4	32.1
0	16	7*	4.6	4.2
0	18	7	29.2	-29.3
0	20	7*	0.	-3.2
0	22	7	23.5	23.6
0	24	7*	4.2	3.2
0	1	8	8.4	-6.6
0	3	8	24.3	-23.0
0	5	8	9.5	8.4
0	7	8	21.0	21.4
0	9	8	8.4	-8.8
0	11	8	14.6	-15.4
0	13	8	6.9	6.3
0	15	8	13.7	13.5
0	17	8	7.5	-9.2
0	19	8	6.2	-5.5
0	21	8*	3.8	5.0
0	23	8*	5.0	6.2
0	2	9	63.2	65.5
0	4	9	4.8	6.0
0	6	9	6.5	-5.8
0	8	9	5.2	-5.1

H	K	L	/FO/	/FC/
0	10	9	39.8	39.7
0	12	9*	3.9	4.1
0	14	9	15.6	-16.4
0	16	9*	5.4	-4.4
0	18	9	11.0	12.7
0	20	9*	2.1	0.0
0	22	9	23.8	-24.6
0	1	10	10.8	-10.2
0	3	10	5.1	-5.3
0	5	10*	1.1	0.5
0	7	10	11.3	10.7
0	9	10*	0.	1.6
0	11	10	12.8	-12.6
0	13	10*	2.7	2.5
0	15	10	7.4	7.0
0	17	10*	0.	0.0
0	19	10	10.1	-8.9
0	21	10*	1.1	2.4
0	2	11	36.2	36.7
0	4	11*	0.	-1.7
0	6	11	44.8	-44.8
0	8	11*	0.	1.3
0	10	11	33.4	33.2
0	12	11*	0.	-0.9
0	14	11	23.4	-23.7
0	16	11*	1.0	-1.1
0	18	11	11.1	12.4
0	20	11*	2.6	2.8
0	1	12*	3.7	-4.5
0	3	12*	2.3	-0.8
0	5	12*	1.6	1.6
0	7	12	5.5	4.6
0	9	12*	0.	-2.5
0	11	12	7.4	-4.1
0	13	12*	4.6	3.8
0	15	12*	3.2	-0.7
0	17	12*	1.2	1.3
0	2	13	47.5	47.5
0	4	13*	3.1	-1.0
0	6	13	54.3	-54.5
0	8	13*	1.5	-0.7
0	10	13	16.0	16.2
0	12	13*	1.0	1.5
0	14	13	30.3	-31.0
0	16	13*	1.5	-0.4
0	1	14	7.7	7.7
0	3	14*	1.8	1.9
0	5	14*	0.	-2.6
0	7	14	7.4	-8.1
0	9	14	5.8	5.4

H	K	L	/FO/	/FC/
0	11	14	8.4	8.0
0	13	14	10.5	-9.7
0	15	14*	1.7	0.5
1	1	0	6.5	7.5
1	3	0	9.2	10.0
1	5	0	11.3	12.4
1	7	0	21.8	-22.9
1	9	0	8.1	-8.5
1	11	0	15.5	16.1
1	13	0*	5.6	-2.9
1	15	0	7.9	-6.8
1	17	0*	3.9	2.8
1	19	0	6.8	6.5
1	21	0	7.9	-4.3
1	23	0*	0.	-2.4
1	25	0*	0.4	3.4
1	2	1	55.8	56.7
-1	2	1	16.6	17.9
1	4	1	3.8	5.0
-1	4	1	6.4	7.1
1	6	1	69.5	69.0
-1	6	1	102.3	103.1
1	8	1*	2.6	-4.5
-1	8	1	3.7	-6.5
1	10	1	13.4	12.5
-1	10	1	5.7	-5.2
1	12	1*	0.	2.9
-1	12	1*	0.6	0.8
1	14	1	9.4	9.2
-1	14	1	22.8	23.1
1	16	1*	3.4	-3.5
-1	16	1*	2.8	-0.1
1	18	1*	5.0	-6.4
-1	18	1	16.5	-15.5
1	20	1*	0.	-1.8
-1	20	1*	4.2	-5.2
1	22	1	11.5	-10.8
-1	22	1*	0.	-2.8
1	24	1*	0.	0.8
-1	24	1*	2.8	3.6
1	26	1	16.3	-16.4
-1	26	1	22.4	-22.9
1	1	2	8.2	7.6
-1	1	2	6.4	4.8
1	3	2	3.7	3.5
-1	3	2	26.6	-26.9
1	5	2	16.0	-16.7
-1	5	2	21.9	-23.3
1	7	2*	2.7	-2.1
-1	7	2	27.3	27.8

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
1	9	2	15.1	15.7	-1	7	4*	2.5	1.5	-1	7	6	7.1	-7.5
-1	9	2	16.3	16.5	1	9	4	7.5	8.2	1	9	6*	0.	1.7
1	11	2*	2.1	2.0	-1	9	4*	2.6	-0.5	-1	9	6	7.8	-8.2
-1	11	2	17.3	-17.4	1	11	4	11.0	-11.7	1	11	6	8.0	-7.9
1	13	2	9.4	-7.9	-1	11	4*	0.5	-1.1	-1	11	6	4.9	6.1
-1	13	2	7.1	-5.3	1	13	4*	2.1	5.2	1	13	6*	1.3	-3.1
1	15	2	4.8	-3.7	-1	13	4*	3.6	1.7	-1	13	6*	2.5	1.8
-1	15	2	7.3	7.6	1	15	4*	2.2	-2.4	1	15	6	9.8	10.5
1	17	2*	3.9	4.1	-1	15	4*	2.6	-1.3	-1	15	6*	3.3	-0.3
-1	17	2*	0.	0.6	1	17	4*	2.6	-1.2	1	17	6*	2.5	-3.0
1	19	2*	4.8	3.0	-1	17	4*	0.7	-2.4	-1	17	6*	1.2	-0.4
-1	19	2*	2.5	-2.2	1	19	4*	3.9	-1.0	1	19	6*	2.5	-4.3
1	21	2*	3.4	-2.4	-1	19	4*	0.	1.5	-1	19	6*	1.9	-0.9
-1	21	2*	2.7	-0.2	1	21	4*	0.	3.8	1	21	6*	2.5	2.5
1	23	2*	3.4	-3.9	-1	21	4*	3.8	3.7	-1	21	6*	1.8	-0.3
-1	23	2*	1.5	1.5	1	23	4*	0.	-1.6	1	23	6*	2.4	2.3
1	25	2*	0.	1.8	-1	23	4*	4.7	-1.0	-1	23	6*	0.	0.4
-1	25	2*	0.	-0.2	1	25	4*	3.1	-4.0	1	2	7	30.1	-26.6
1	2	3	154.0	-156.0	-1	25	4*	3.4	-2.9	-1	2	7	12.3	-11.2
-1	2	3	53.8	-70.6	1	2	5	49.5	-49.9	1	4	7*	2.6	-2.9
1	4	3*	0.	1.5	-1	2	5	122.6	-123.9	-1	4	7*	1.6	-2.3
-1	4	3	4.9	4.6	1	4	5*	1.7	1.5	1	6	7	12.1	10.7
1	6	3	133.8	135.5	-1	4	5	7.2	-7.3	-1	6	7	9.4	-12.0
-1	6	3	33.7	2.5	1	6	5	6.2	9.2	1	8	7	5.0	5.1
1	8	3*	3.1	1.8	-1	6	5	59.5	59.3	-1	8	7*	1.1	2.8
-1	8	3*	1.5	-1.1	1	8	5*	2.3	-3.9	1	10	7	19.4	-19.5
1	10	3	43.4	-43.7	-1	8	5	8.2	8.6	-1	10	7*	2.1	1.1
-1	10	3	17.7	-15.2	1	10	5	79.5	-79.7	-1	10	7*	3.9	-3.8
1	12	3	5.2	-6.5	-1	10	5	127.7	-128.4	-1	12	7*	0.	-0.3
-1	12	3*	3.0	-3.7	1	12	5*	1.6	1.0	1	14	7	25.5	25.2
1	14	3	53.1	56.9	-1	12	5	6.4	-6.2	-1	14	7	8.1	8.0
-1	14	3	46.2	45.0	1	14	5	32.6	32.2	1	16	7*	0.	2.7
1	16	3	7.0	5.0	-1	14	5	57.8	53.5	-1	16	7*	1.8	-1.4
-1	16	3*	1.6	1.0	1	16	5*	3.8	5.6	1	18	7	27.7	-26.2
1	18	3	57.2	-55.0	-1	16	5	9.8	10.2	-1	18	7	13.4	-13.6
-1	18	3	52.2	-51.2	1	18	5	16.3	-15.2	1	20	7*	4.4	-0.7
1	20	3	6.6	-5.9	-1	18	5	28.8	-29.5	-1	20	7*	3.8	2.9
-1	20	3*	3.7	-3.0	1	20	5*	3.6	-4.0	1	22	7	21.6	21.5
1	22	3	27.8	26.6	-1	20	5*	4.8	-7.1	-1	22	7	13.8	12.9
-1	22	3	23.8	24.3	1	22	5	37.3	37.2	-1	24	7*	0.	-1.4
1	24	3	6.9	5.7	-1	22	5	46.9	47.8	1	1	8	5.7	-5.4
-1	24	3*	2.3	3.6	1	24	5*	3.6	3.9	-1	1	8	4.8	-4.8
-1	26	3	22.5	-22.4	-1	24	5*	4.2	5.5	1	3	8	15.2	-15.8
1	1	4	5.4	-4.8	1	1	6*	1.6	1.3	-1	3	8*	3.7	-3.3
-1	1	4*	1.4	0.7	-1	1	6	6.7	-6.1	1	5	8	15.1	15.0
1	3	4	4.6	-4.5	1	3	6	10.6	-10.6	-1	5	8	13.4	14.0
-1	3	4*	2.9	-1.1	-1	3	6	4.1	2.8	1	7	8	9.4	9.4
1	5	4	13.7	-15.3	1	5	6	3.6	-0.4	-1	7	8*	0.9	-2.1
-1	5	4	3.6	-3.4	-1	5	6	12.5	13.4	1	9	8	14.8	-14.7
1	7	4	18.9	19.5	1	7	6	8.3	8.3	-1	9	8	10.3	-10.9

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
1	11	9	6.9	-7.1	1	17	10*	5.3	-6.1	-1	8	13	7.4	-5.3
-1	11	8*	0.	2.6	-1	17	10	6.2	-6.3	1	10	13	7.5	0.5
1	13	8	6.7	6.1	1	19	10	10.8	-11.1	-1	10	13	24.0	24.3
-1	13	8	5.4	4.2	-1	19	10*	5.1	-5.4	1	12	13*	2.5	2.8
1	15	8	11.6	11.1	-1	21	10*	6.5	6.1	-1	12	13	6.1	5.8
-1	15	8*	1.8	2.1	1	2	11	19.6	19.0	1	14	13	26.4	-27.0
1	17	8	8.9	-7.6	-1	2	11	15.9	15.6	-1	14	13	41.4	-41.2
-1	17	8*	2.2	-3.0	1	4	11*	0.	-0.9	1	16	13*	1.2	0.2
1	19	8	6.3	-5.4	-1	4	11*	2.4	1.8	-1	16	13*	3.8	-2.2
-1	19	8*	0.	-1.3	1	6	11	34.3	-34.8	-1	18	13	44.0	43.2
1	21	8*	3.8	3.2	-1	6	11	37.7	-37.8	1	1	14	7.5	7.3
-1	21	8*	1.1	0.2	1	8	11*	0.	-1.6	-1	1	14	10.0	10.4
-1	23	8*	3.8	3.2	-1	8	11*	3.8	-3.5	1	3	14*	0.	0.8
1	2	9	26.5	27.8	1	10	11	33.8	34.1	-1	3	14*	5.1	3.5
-1	2	9	7.0	7.5	-1	10	11	38.6	38.1	1	5	14*	0.	-1.2
1	4	9*	0.	-1.9	1	12	11*	4.9	3.0	-1	5	14*	3.8	-6.0
-1	4	9*	1.4	-0.1	-1	12	11*	3.4	3.5	1	7	14	7.3	-7.1
1	6	9	20.6	21.5	1	14	11	29.6	-28.7	-1	7	14	8.1	-6.5
-1	6	9	41.3	42.3	-1	14	11	33.6	-34.1	1	9	14*	0.	2.0
1	8	9	5.0	5.1	1	16	11	7.2	-4.6	-1	9	14*	5.0	7.1
-1	8	9*	2.0	0.1	-1	16	11*	5.1	-3.5	1	11	14	8.7	6.3
1	10	9	10.0	10.7	1	16	11	18.4	17.4	-1	11	14	8.5	7.0
-1	10	9	13.7	13.6	-1	18	11	21.0	21.6	1	13	14*	3.2	-5.5
1	12	9*	0.	-3.6	-1	20	11*	4.7	3.8	-1	13	14	8.4	-8.4
-1	12	9*	0.	-0.3	1	1	12	5.4	-5.5	-1	15	14*	2.0	-0.6
1	14	9*	3.9	3.5	-1	1	12*	2.1	-1.9	2	1	0	38.9	36.8
-1	14	9*	3.1	-1.0	1	3	12*	2.1	-1.3	2	3	0	14.1	-14.3
1	16	9*	1.9	0.3	-1	3	12*	3.2	-2.4	2	5	0	30.6	-33.1
-1	16	9*	0.	-1.6	1	5	12*	2.4	2.3	2	7	0	5.9	7.1
1	18	9*	2.0	-0.6	-1	5	12*	3.5	-2.3	2	9	0	18.2	18.7
-1	18	9	6.3	4.7	1	7	12*	4.3	5.8	2	11	0*	0.	-0.8
1	20	9*	0.	-2.6	-1	7	12	8.0	7.4	2	13	0	15.0	-14.2
-1	20	9*	3.2	-2.0	1	9	12*	1.1	-3.6	2	15	0*	0.	0.2
-1	22	9	23.1	-22.2	-1	9	12*	3.8	0.4	2	17	0*	3.9	2.7
1	1	10	21.1	-21.3	1	11	12*	3.4	-5.5	2	19	0	0.7	8.5
-1	1	10	12.3	-12.1	-1	11	12	7.5	-7.0	2	21	0*	5.0	-3.5
1	3	10	6.9	-6.9	1	13	12	6.0	5.5	2	23	0*	2.2	-4.3
-1	3	10*	4.3	-4.4	-1	13	12*	0.4	1.7	2	25	0*	4.0	3.3
1	5	10	14.4	15.4	1	15	12*	2.4	0.4	2	2	1	55.5	52.5
-1	5	10	7.6	7.4	-1	15	12*	1.4	1.6	-2	2	1	25.3	21.2
1	7	10	7.7	7.8	1	17	12*	0.	0.8	2	4	1	5.8	4.7
-1	7	10*	4.5	4.4	-1	17	12*	2.5	1.9	-2	4	1	5.4	-5.6
1	9	10	11.1	-11.2	-1	19	12*	0.	-2.8	2	6	1	47.7	43.1
-1	9	10	7.8	-7.5	1	2	13	17.7	18.1	-2	6	1	94.7	92.1
1	11	10	10.6	-9.7	-1	2	13	56.1	55.1	2	8	1*	0.	-1.6
-1	11	10*	2.2	-6.3	1	4	13*	0.	1.8	-2	8	1*	3.4	5.9
1	13	10	12.4	12.3	-1	4	13*	3.7	3.6	2	10	1	12.0	11.2
-1	13	10	10.1	9.7	1	6	13	31.3	-31.5	-2	10	1	16.5	-16.2
1	15	10	7.4	6.5	-1	6	13	67.2	-66.0	2	12	1*	0.	-0.4
-1	15	10*	1.9	3.2	1	8	13*	5.6	-4.7	-2	12	1*	3.0	-4.3

H	K	L	/FC/	/FC/	H	K	L	/FC/	/FC/	H	K	L	/FC/	/FC/
2	14	1	7.8	10.4	2	14	3	40.8	41.0	-2	14	5	29.3	29.2
-2	14	1	21.9	31.4	-2	14	3	61.7	62.3	2	16	5	8.1	7.7
2	16	1*	2.1	7.6	2	16	3*	2.0	1.9	-2	16	5	6.2	5.3
-2	16	1*	7.	3.3	-2	16	3*	4.4	5.4	2	18	5	18.9	-19.3
2	18	1	8.0	-5.2	2	18	3	46.2	-45.1	-2	18	5	12.4	-10.4
-2	18	1	21.2	-21.2	-2	18	3	59.4	-59.8	2	20	5*	4.0	-3.9
2	20	1*	4.1	-5.1	2	20	3*	5.1	-1.7	-2	20	5*	3.8	-4.5
-2	20	1*	2.3	-3.6	-2	20	3*	5.5	-5.2	2	22	5	36.4	36.1
2	22	1	3.0	-3.5	2	22	3	21.2	20.2	-2	22	5	36.7	36.3
-2	22	1*	3.6	1.3	-2	22	3	29.9	29.6	2	24	5*	5.4	4.2
2	24	1*	0.	2.4	2	24	3*	4.3	2.1	-2	24	5*	0.	3.8
-2	24	1*	0.	2.2	-2	24	3*	4.9	4.9	2	1	6	17.1	-11.0
2	1	2	25.4	25.2	2	1	4*	0.	0.5	-2	1	6	5.3	6.1
-2	1	2	9.1	-6.0	-2	1	4	12.5	12.1	2	3	6	6.6	-7.3
2	3	2	25.7	25.6	2	3	4	25.7	25.4	-2	3	6	5.9	-6.7
-2	3	2	4.5	4.4	-2	3	4	6.5	-6.2	2	5	6	19.4	19.8
2	5	2	23.6	-24.4	2	5	4	5.7	-4.9	-2	5	6	12.4	-14.5
-2	5	2	20.6	29.7	-2	5	4	12.1	-13.0	2	7	6	4.3	-5.1
2	7	2	17.9	-16.5	2	7	4	9.4	-10.0	-2	7	6	12.3	13.3
-2	7	2	7.6	-3.3	-2	7	4*	2.1	3.6	2	9	6	15.5	-15.2
2	9	2	17.9	13.7	2	9	4*	3.2	2.6	-2	9	6	10.6	10.6
-2	9	2	13.2	-13.0	-2	9	4	6.1	6.5	2	11	6*	0.9	3.5
2	11	2	9.2	3.5	2	11	4	6.6	6.5	-2	11	6	7.1	-6.9
-2	11	2*	4.5	4.6	-2	11	4*	2.5	-4.6	2	13	6	7.8	6.7
2	13	2	10.4	-10.0	2	13	4*	3.5	2.7	-2	13	6*	4.2	-2.2
-2	13	2	12.5	11.6	-2	13	4	5.7	-5.6	2	15	6*	2.1	4.3
2	15	2	7.0	-3.1	2	15	4	11.0	-11.8	-2	15	6*	3.4	2.3
-2	15	2*	2.2	-1.4	-2	15	4*	3.0	4.7	2	17	5	8.3	-9.2
2	17	2	6.1	5.3	2	17	4	7.7	8.2	-2	17	6*	0.	-0.9
-2	17	2	3.3	-3.5	-2	17	4*	1.2	0.0	2	19	6*	0.	-1.9
2	19	2	7.0	7.1	2	19	4*	0.	0.4	-2	19	6*	0.	-0.2
-2	19	2*	3.0	0.4	-2	19	4*	1.7	0.3	2	21	5	7.6	6.6
2	21	2*	3.6	-2.5	2	21	4*	5.2	-4.6	-2	21	6*	2.8	1.5
-2	21	2*	4.9	4.2	-2	21	4*	0.	0.7	2	23	6*	1.4	1.8
2	23	2	7.6	-7.1	2	23	4*	3.6	-1.4	-2	23	6*	0.	-2.2
-2	23	2	6.2	2.4	-2	23	4*	0.	-0.2	2	2	7	62.6	-64.1
2	25	2*	1.5	1.0	-2	25	4*	0.	0.6	-2	2	7	32.8	-31.4
-2	25	2*	4.2	-3.9	2	2	5	70.5	-70.6	2	4	7*	0.	-2.4
2	2	3	43.2	-43.7	-2	2	5	83.3	-83.2	-2	4	7*	1.0	0.8
-2	2	3	152.6	-152.0	2	4	5	8.5	-9.1	2	6	7	34.8	34.3
2	4	3	5.0	-4.5	-2	4	5*	1.1	1.1	-2	6	7	5.6	4.4
-2	4	3	5.2	-5.4	2	6	5	36.9	36.2	2	8	7	6.4	2.9
2	6	3	64.2	65.4	-2	6	5	15.9	17.7	-2	8	7*	0.	0.7
-2	6	3	133.4	133.4	2	8	5	5.8	6.9	2	10	7	26.5	-26.3
2	8	3	7.6	7.5	-2	8	5*	0.	-2.1	-2	10	7	12.5	-10.9
-2	8	3	10.9	9.8	2	10	5	36.2	-36.3	2	12	7*	0.	-1.2
2	10	3	13.5	-13.8	-2	10	5	87.1	-88.4	-2	12	7*	3.0	-2.2
-2	10	3	52.5	-51.1	2	12	5	6.1	-6.4	2	14	7	24.2	24.9
2	12	3	5.3	-6.9	-2	12	5*	0.5	2.0	-2	14	7	17.0	17.5
-2	12	3	9.4	-3.8	2	14	5	39.5	39.9	2	16	7*	2.0	1.1

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-2	16	7*	0.	3.0	-2	20	9*	0.	-0.9	2	9	12*	3.2	-3.7
2	18	7	23.6	-24.0	-2	22	9	26.5	-25.2	-2	9	12*	3.9	-3.5
-2	18	7	21.7	-20.7	2	1	10	24.2	-23.5	2	11	12	8.0	-7.5
2	20	7*	2.5	-0.3	-2	1	10	7.2	-6.3	-2	11	12*	4.2	2.7
-2	20	7*	2.9	-1.3	2	3	10	14.3	-14.9	2	13	12	7.4	7.1
2	22	7	19.2	17.9	-2	3	10*	0.	-1.4	-2	13	12*	3.5	2.2
-2	22	7	18.2	17.3	2	5	10	14.0	13.7	2	15	12*	0.	0.4
-2	24	7*	0.	1.6	-2	5	10*	3.9	2.7	-2	15	12*	3.0	-3.3
2	1	8	10.7	-11.3	2	7	10	18.9	19.0	-2	17	12*	2.2	1.1
-2	1	8*	0.7	1.5	-2	7	10*	0.	-0.4	-2	19	12*	2.8	0.2
2	3	8	24.7	-24.1	2	9	10	9.8	-9.2	2	2	13	35.7	35.4
-2	3	8*	0.5	-3.2	-2	9	10*	0.	-0.5	-2	2	13	15.0	15.9
2	5	8	18.8	18.9	2	11	10	13.6	-10.2	2	4	13*	0.	0.5
-2	5	8*	2.8	-1.3	-2	11	10*	3.0	-2.2	-2	4	13*	0.	0.4
2	7	8	15.9	16.0	2	13	10	12.1	12.7	2	6	13	39.1	-37.4
-2	7	8	5.1	5.5	-2	13	10*	0.	-1.7	-2	6	13	34.7	-35.6
2	9	8	19.6	-19.3	2	15	10	12.1	12.3	2	8	13*	4.9	-3.4
-2	9	8*	2.6	2.7	-2	15	10*	2.2	1.3	-2	8	13*	0.	-1.3
2	11	8	11.4	-11.5	2	17	10*	5.9	-7.4	2	10	13	9.1	9.8
-2	11	8*	4.2	-3.0	-2	17	10*	3.4	3.8	-2	10	13*	0.	1.5
2	13	8	12.2	10.5	2	19	10	13.1	-14.3	2	12	13*	0.	1.2
-2	13	8*	0.	-1.1	-2	19	10*	3.6	-2.9	-2	12	13*	0.	2.2
2	15	8	14.0	14.3	-2	21	10*	3.8	-2.6	2	14	13	20.1	-20.1
-2	15	8*	0.	1.7	2	2	11	22.8	22.7	-2	14	13	27.6	-27.5
2	17	8	13.3	-12.2	-2	2	11	60.8	60.6	-2	16	13*	3.5	-0.0
-2	17	8*	0.	-0.6	2	4	11*	2.5	1.5	-2	16	13	36.4	35.6
2	19	8	6.2	-6.6	-2	4	11*	0.	-0.2	2	1	14*	5.5	5.5
-2	19	8*	0.	-0.4	2	6	11	33.2	-32.8	-2	1	14*	4.1	4.3
2	21	8*	5.3	6.0	-2	6	11	71.0	-71.4	2	3	14*	0.	-2.3
-2	21	8*	5.4	0.4	2	8	11	6.3	-3.5	-2	3	14*	1.5	1.2
-2	23	8*	0.	0.4	-2	8	11*	4.0	-1.1	2	5	14*	0.	-2.1
2	2	9*	2.0	-1.4	2	10	11	28.9	29.2	-2	5	14*	2.0	0.2
-2	2	9	62.5	64.0	-2	10	11	57.1	57.0	2	7	14	6.3	-4.0
2	4	9	5.6	5.5	2	12	11*	3.3	2.5	-2	7	14*	5.1	-4.2
-2	4	9*	0.	0.4	-2	12	11*	4.4	3.4	2	9	14*	5.6	4.7
2	6	9	31.4	31.8	2	14	11	22.7	-22.6	-2	9	14*	2.4	1.4
-2	6	9	7.0	7.1	-2	14	11	44.0	-44.2	2	11	14*	3.1	3.6
2	8	9*	3.6	-3.2	2	16	11*	3.1	-2.3	-2	11	14*	5.5	5.2
-2	8	9*	0.	-0.5	-2	16	11	6.2	-5.6	-2	13	14*	3.8	-2.5
2	10	9*	4.5	4.1	2	18	11	12.5	12.5	-2	15	14*	2.0	0.5
-2	10	9	31.6	32.0	-2	18	11	28.4	27.8	3	1	0	37.1	37.0
2	12	9*	3.4	2.7	-2	20	11	6.5	5.8	3	3	0	21.0	21.5
-2	12	9*	3.2	-1.0	2	1	12*	5.2	-5.3	3	5	0	7.9	-7.5
2	14	9*	3.3	1.9	-2	1	12*	1.1	-2.3	3	7	0	33.3	-34.5
-2	14	9	8.0	-3.2	2	3	12*	3.5	-3.0	3	9	0*	1.8	0.3
2	16	9*	0.	-2.2	-2	3	12*	0.	3.0	3	11	0	24.3	25.0
-2	16	9*	3.5	-2.0	2	5	12*	3.1	1.6	3	13	0	11.0	-12.7
2	18	9*	4.3	1.3	-2	5	12*	3.2	2.8	3	15	0	9.5	-10.3
-2	18	9	7.7	8.0	2	7	12	8.5	9.0	3	17	0	6.8	7.4
2	20	9*	3.0	-2.2	-2	7	12*	2.1	-3.4	3	19	0	13.0	13.3

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
3	21	0	7.9	-10.0	-3	23	2	0.3	5.6	-3	25	4*	2.0	-0.3
3	23	0*	5.8	-4.3	-3	25	2*	3.2	-1.0	3	2	5	97.9	-90.7
3	25	0	9.3	7.7	3	2	3	63.7	-69.5	-3	2	5	72.7	-72.6
3	2	1	25.2	24.3	-3	2	3	111.6	-109.8	3	4	5*	0.	1.1
-3	2	1	12.2	-12.8	3	4	3*	2.2	-1.0	-3	4	5	5.1	-5.5
3	4	1*	2.8	-2.2	-3	4	3*	0.	-1.7	3	6	5	53.6	54.7
-3	4	1	5.2	5.6	3	6	3	65.7	64.9	-3	6	5	25.4	24.2
3	6	1	47.5	46.4	-3	6	3	110.4	108.7	3	8	5*	4.1	-5.8
-3	6	1	36.4	34.0	3	8	3*	2.1	3.1	-3	8	5*	3.6	5.1
3	8	1	6.2	6.1	-3	8	3	5.7	6.2	3	10	5	80.5	-81.6
-3	8	1*	1.3	-4.1	3	10	3	19.5	-17.2	-3	10	5	90.5	-91.0
3	10	1*	2.6	1.0	-3	10	3	46.7	-45.2	3	12	5*	0.	0.7
-3	10	1	18.3	-18.1	3	12	3	4.4	-3.1	-3	12	5*	3.3	-2.7
3	12	1*	4.0	-2.0	-3	12	3	4.4	-5.7	3	14	5	38.2	38.5
-3	12	1*	0.	0.9	3	14	3	31.7	32.0	-3	14	5	35.0	36.0
3	14	1	7.9	7.0	-3	14	3	58.7	59.4	3	16	5*	2.0	4.6
-3	14	1	24.1	27.7	3	16	3*	0.	0.8	-3	16	5	6.7	6.2
3	16	1*	2.4	-1.0	-3	16	3*	3.4	2.0	3	18	5	19.8	-19.3
-3	16	1*	2.9	0.2	3	18	3	35.4	-36.0	-3	18	5	14.1	-14.7
3	18	1*	1.5	-2.1	-3	18	3	56.7	-56.8	3	20	5*	3.3	-3.0
-3	18	1	19.5	-19.3	3	20	3*	2.0	-2.2	-3	20	5*	3.0	-3.8
3	20	1*	3.1	-2.1	-3	20	3	5.5	-2.6	3	22	5	33.7	33.1
-3	20	1*	2.3	-5.1	3	22	3	14.8	15.3	-3	22	5	35.7	36.1
3	22	1	11.6	-10.5	-3	22	3	29.6	28.7	-3	24	5*	0.	3.3
-3	22	1*	3.1	2.5	3	24	3*	3.2	2.6	3	1	5	13.2	-12.5
3	24	1*	2.2	-0.2	-3	24	3*	4.0	2.9	-3	1	5	3.7	3.6
-3	24	1*	4.2	3.3	3	1	4*	2.8	-2.6	3	3	6	22.9	-22.9
3	1	2	7.1	7.1	-3	1	4*	3.1	2.7	-3	3	6	16.7	17.2
-3	1	2	19.4	-19.5	3	3	4	13.7	14.7	3	5	6	10.6	10.1
3	3	2	25.2	25.3	-3	3	4	8.3	8.3	-3	5	5*	0.	2.3
-3	3	2	25.8	-24.8	3	5	4	8.3	-8.2	3	7	6	16.4	16.5
3	5	2*	3.2	-1.0	-3	5	4	14.3	15.9	-3	7	6	13.3	-14.1
-3	5	2	15.7	15.5	3	7	4*	2.5	-2.2	3	9	6*	3.4	-5.5
3	7	2	29.2	-39.3	-3	7	4	24.6	-25.5	-3	9	5*	3.1	-2.5
-3	7	2	14.9	15.2	3	9	4	5.9	4.9	3	11	6	14.2	-14.3
3	9	2	7.2	6.9	-3	9	4	13.4	-13.8	-3	11	6	12.7	12.9
-3	9	2	19.3	-19.4	3	11	4*	4.9	5.3	3	13	6*	0.	1.5
3	11	2	22.2	22.0	-3	11	4	16.8	17.3	-3	13	6*	2.2	2.4
-3	11	2	8.8	-9.4	3	13	4	5.0	6.0	3	15	6	14.8	15.6
3	13	2	7.3	-3.6	-3	13	4*	1.5	0.1	-3	15	6	9.1	-9.8
-3	13	2*	5.5	4.7	3	15	4	14.9	-15.3	3	17	6	7.0	-7.4
3	15	2	16.2	-16.0	-3	15	4*	4.2	-5.2	-3	17	6*	3.2	2.3
-3	15	2	5.8	6.3	3	17	4*	4.9	3.6	3	19	6	7.2	-6.6
3	17	2	8.4	8.3	-3	17	4*	4.1	-3.0	-3	19	6*	4.2	3.9
-3	17	2*	3.8	-2.6	3	19	4*	4.6	3.8	3	21	6*	2.9	5.4
3	19	2	11.1	10.9	-3	19	4	6.8	7.0	-3	21	6*	0.	-2.4
-3	19	2*	4.2	-3.8	3	21	4*	0.	-0.5	-3	23	6*	2.5	-3.9
3	21	2	6.4	-5.9	-3	21	4*	2.8	2.0	3	2	7	23.7	-22.1
-3	21	2*	2.0	0.1	3	23	4*	2.3	-4.8	-3	2	7	63.0	-61.6
3	23	2	8.7	-0.5	-3	23	4*	2.0	-2.9	3	4	7*	3.1	2.1

H	K	L	/FO/	/FO/	H	K	L	/FO/	/FO/	H	K	L	/FO/	/FO/
-3	4	7*	2.5	-2.5	-3	10	9	39.8	39.2	-3	1	12*	1.2	1.4
3	6	7	6.5	6.3	3	12	9*	0.	-2.0	3	3	12*	4.4	-5.6
-3	6	7	24.9	22.9	-3	12	9*	0.	1.9	-3	3	12*	0.	-1.4
3	8	7*	3.7	-2.1	3	14	9	11.6	9.5	3	5	12*	5.4	5.2
-3	9	7*	3.9	2.7	-3	14	9	18.4	-19.4	-3	5	12*	3.9	-4.4
3	10	7	9.5	-9.4	3	16	9*	2.1	0.9	3	7	12	11.7	10.5
-3	10	7	14.4	-13.8	-3	16	9*	3.6	-3.0	-3	7	12*	2.4	3.8
3	12	7*	3.1	1.2	3	18	9	7.0	-6.0	3	9	12	5.9	-5.2
-3	12	7*	2.3	-2.0	-3	18	9	17.8	17.3	-3	9	12*	4.3	3.8
3	14	7	14.9	14.0	-3	20	9*	2.3	-0.9	3	11	12	9.0	-9.5
-3	14	7	11.0	13.2	-3	22	9	31.4	-30.7	-3	11	12*	2.7	-4.2
3	16	7*	2.8	0.6	3	1	10	23.1	-22.9	3	13	12	7.8	6.5
-3	16	7*	4.6	1.0	-3	1	10*	3.2	3.7	-3	13	12*	2.8	-4.1
3	18	7	16.1	-17.9	3	3	10	13.7	-12.7	-3	15	12*	5.1	2.2
-3	13	7	14.4	-14.9	-3	3	10*	3.4	-2.5	-3	17	12*	1.0	4.1
3	20	7*	0.	-0.3	3	5	10	15.6	15.4	-3	19	12*	4.8	-1.4
-3	20	7*	0.	0.6	-3	5	10	6.8	-7.3	3	2	13	25.4	25.1
-3	22	7	11.8	12.2	3	7	10	16.8	16.5	-3	2	13	60.5	59.5
-3	24	7*	0.	0.5	-3	7	10*	2.8	2.7	3	4	13*	2.3	-1.3
3	1	8*	2.8	-3.3	3	9	10	12.0	-10.4	-3	4	13*	0.4	1.3
-3	1	8	6.3	6.3	-3	9	10*	3.9	3.0	3	6	13	29.6	-29.9
3	3	8	19.5	-19.7	3	11	10	17.8	-17.8	-3	6	13	69.5	-67.8
-3	3	8	6.8	7.1	-3	11	10	7.3	-3.9	3	8	13*	0.	-1.6
3	5	8	9.1	9.5	3	13	10	13.0	12.7	-3	8	13*	1.0	-2.0
-3	5	8	7.5	-6.3	-3	13	10*	4.0	-0.1	3	10	13	12.3	12.6
3	7	8	16.1	15.7	3	15	10	12.3	12.9	-3	10	13	18.2	18.5
-3	7	8*	4.1	-9.9	-3	15	10*	0.	1.1	3	12	13*	3.4	-0.4
3	9	8	13.6	-12.7	3	17	10	8.0	-7.3	-3	12	13*	3.7	3.6
-3	9	8	7.3	7.2	-3	17	10*	4.7	-2.2	-3	14	13	36.7	-35.4
3	11	8	11.8	-12.1	-3	19	10*	1.7	1.1	-3	16	13*	2.6	-1.1
-3	11	8*	0.	0.2	-3	21	10*	3.4	1.9	-3	18	13	39.5	39.5
3	13	8	7.5	7.0	3	2	11	23.9	22.8	3	1	14	0.9	0.9
-3	13	8*	3.3	-2.6	-3	2	11	44.3	44.7	-3	1	14*	2.5	2.3
3	15	8	14.8	13.7	3	4	11*	2.9	-3.5	3	3	14*	0.	4.2
-3	15	8*	3.9	-1.1	-3	4	11	4.6	1.5	-3	3	14*	3.4	0.6
3	17	8	11.2	-10.5	3	6	11	29.0	-28.6	3	5	14*	3.0	-3.2
-3	17	8*	2.7	2.5	-3	6	11	53.2	-59.0	-3	5	14*	0.	-0.5
3	19	8*	4.1	-5.1	3	8	11*	1.6	2.1	3	7	14	11.1	-10.5
-3	19	8*	3.3	0.1	-3	8	11*	2.5	-1.8	-3	7	14*	0.5	-1.6
-3	21	8*	0.	-2.0	3	10	11	23.1	23.0	-3	9	14*	4.6	4.1
-3	23	8*	1.5	-1.6	-3	10	11	47.3	48.0	-3	11	14*	3.1	3.8
3	2	9	17.5	17.1	3	12	11*	2.3	-0.5	-3	13	14*	3.1	-4.8
-3	2	9	47.1	45.9	-3	12	11*	3.0	2.1	-3	15	14*	0.	-0.2
3	4	9*	3.7	1.0	3	14	11	15.1	-15.6	4	1	0	37.5	36.4
-3	4	9*	3.9	2.7	-3	14	11	38.0	-38.0	4	3	0	0.1	8.1
3	6	9	15.7	17.3	3	16	11*	0.	-2.2	4	5	0	23.8	-23.2
-3	6	9	8.1	10.0	-3	16	11*	3.1	-2.7	4	7	0	20.6	-21.7
3	8	9*	3.4	3.1	-3	18	11	22.1	23.4	4	9	0	14.7	13.6
-3	8	9*	0.	-4.0	-3	20	11*	3.3	3.8	4	11	0	22.7	22.3
3	10	9*	4.8	-0.7	3	1	12	7.5	-8.9	4	13	0	16.0	-17.9

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
4	15	0	13.6	-13.8	-4	21	2*	5.2	5.1	-4	2	5	47.1	-46.8
4	17	0	6.5	6.0	4	23	2	7.1	-9.1	4	4	5	4.9	-5.3
4	19	0	20.8	19.6	-4	23	2*	3.5	3.8	-4	4	5*	2.3	1.2
4	21	0	0.1	-8.5	4	2	3	14.3	-13.7	4	5	5	19.0	18.5
4	23	0	3.7	-7.4	-4	2	3	69.4	-66.8	-4	6	5	16.5	10.7
4	2	1	17.2	-13.6	4	4	3*	2.1	3.5	4	8	5*	0.	2.1
-4	2	1	44.6	-47.2	-4	4	3*	1.7	2.0	-4	8	5*	0.	-3.5
4	4	1	5.0	5.7	4	6	3	20.2	20.4	4	10	5	53.3	-54.0
-4	4	1*	1.2	-1.7	-4	6	3	65.0	65.9	-4	10	5	67.9	-68.8
4	6	1	55.5	56.1	4	8	3*	2.3	-1.7	4	12	5	5.2	-6.0
-4	6	1	95.4	13.5	-4	8	3	4.1	2.6	-4	12	5*	1.9	1.9
4	8	1*	3.0	-2.4	4	10	3*	2.7	3.4	4	14	5	29.0	28.6
-4	8	1	5.7	5.7	-4	10	3	22.7	-21.9	-4	14	5	25.4	25.3
4	10	1	11.7	-12.3	4	12	3*	0.9	0.8	4	16	5	5.8	7.1
-4	10	1	42.7	-41.5	-4	12	3*	4.4	-3.9	-4	16	5*	4.9	4.0
4	12	1*	3.8	1.7	4	14	3	17.2	16.5	4	18	5	16.7	-15.7
-4	12	1	5.6	-5.4	-4	14	3	41.4	40.1	-4	18	5	10.2	-9.1
4	14	1	14.1	14.2	4	16	3*	2.0	-1.2	4	20	5*	1.7	-2.0
-4	14	1	42.3	42.2	-4	16	3*	3.4	3.4	-4	20	5*	2.3	-2.9
4	16	1*	2.6	0.4	4	18	3	26.0	-24.9	4	22	5	27.1	26.5
-4	16	1*	2.2	3.8	-4	18	3	45.7	-44.6	-4	22	5	31.5	30.6
4	18	1	6.4	-5.6	4	20	3*	2.8	-1.0	-4	24	5*	0.	3.0
-4	18	1	30.6	-29.3	-4	20	3	6.1	-4.9	4	1	6*	0.	0.7
4	20	1*	3.0	-4.0	4	22	3	11.3	10.1	-4	1	6*	2.0	2.4
-4	20	1	6.2	-6.3	-4	22	3	24.8	23.2	4	3	6*	0.9	-0.5
4	22	1	5.9	-6.2	-4	24	3*	3.8	4.2	-4	3	6	6.6	6.0
-4	22	1	12.5	10.0	4	1	4	12.2	12.7	4	5	6	5.2	5.5
4	24	1*	1.3	1.6	-4	1	4	11.9	12.2	-4	5	6	0.5	-8.4
-4	24	1*	5.3	3.4	4	3	4	21.8	21.5	4	7	6	6.2	-5.6
4	1	2	10.1	10.4	-4	3	4	13.2	-14.7	-4	7	6*	0.	-0.0
-4	1	2	11.0	10.4	4	5	4	22.0	-22.2	4	9	6*	2.5	-4.6
4	3	2	6.7	6.0	-4	5	4	11.4	-13.0	-4	9	6	9.5	8.9
-4	3	2	0.7	-7.0	4	7	4*	2.5	-3.0	4	11	6*	0.	1.9
4	5	2	17.7	-19.7	-4	7	4	4.0	4.2	-4	11	6	4.6	4.8
-4	5	2	7.7	-8.7	4	9	4	17.0	16.8	4	13	6*	0.	0.6
4	7	2	4.4	-3.8	-4	9	4	10.1	10.5	-4	13	6*	3.3	-4.0
-4	7	2	10.2	10.3	4	11	4*	4.7	3.5	4	15	6	6.2	5.4
4	9	2	19.4	19.0	-4	11	4*	1.4	-3.3	-4	15	6	8.7	-8.5
-4	9	2*	3.0	-0.5	4	13	4	5.0	-3.6	4	17	6*	4.0	-6.3
4	11	2	5.3	3.4	-4	13	4	12.6	-13.2	-4	17	6*	5.7	7.0
-4	11	2	7.5	-8.5	4	15	4	13.0	-14.2	4	19	6*	3.1	-1.2
4	13	2	13.1	-13.0	-4	15	4	5.9	6.2	-4	19	6*	4.0	3.9
-4	13	2*	3.7	5.2	4	17	4	10.4	11.1	4	21	6	7.2	5.4
4	15	2	5.6	-5.6	-4	17	4*	0.	0.7	-4	21	6*	4.7	-5.1
-4	15	2	5.3	5.0	4	19	4*	1.4	3.8	-4	23	6*	5.0	-4.8
4	17	2	8.4	7.3	-4	19	4*	3.5	4.5	4	2	7	39.3	-40.1
-4	17	2	7.3	-7.6	4	21	4	7.0	-6.3	-4	2	7	26.3	-26.7
4	19	2	7.3	7.2	-4	21	4*	0.	0.0	4	4	7	5.6	-6.1
-4	19	2*	4.1	-1.4	-4	23	4*	2.7	-3.0	-4	4	7*	0.	-1.8
4	21	2*	4.3	-4.0	4	2	5	26.0	-27.2	4	6	7	25.4	26.5

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-4	6	7	8.0	7.2	4	14	9*	3.0	-2.1	-4	7	12*	0.	-0.7
4	9	7	5.8	7.3	-4	14	9	23.9	-23.6	4	9	12	11.2	-11.5
-4	8	7*	0.	2.3	4	16	9*	0.	-1.6	-4	9	12*	2.1	-2.5
4	10	7	25.6	-25.2	-4	16	9	6.1	-4.6	4	11	12	12.0	-12.3
-4	10	7	11.1	-11.3	-4	18	9	21.0	20.7	-4	11	12*	0.8	-0.8
4	12	7*	3.7	-4.7	-4	20	9*	4.3	1.3	-4	13	12*	1.0	1.5
-4	12	7*	3.4	-2.7	-4	22	9	34.7	-32.8	-4	15	12*	0.	1.7
4	14	7	25.7	27.4	4	1	10	17.9	-18.0	-4	17	12*	0.	-1.9
-4	14	7	16.1	16.4	-4	1	10*	1.5	1.6	-4	19	12*	0.	-0.5
4	16	7*	0.	2.6	4	3	10	7.9	-7.3	4	2	13	29.0	19.4
-4	16	7*	1.5	1.6	-4	3	10*	2.2	0.8	-4	2	13	26.4	26.8
4	18	7	26.5	-25.8	4	5	10	13.4	12.6	4	6	13*	2.7	2.5
-4	18	7	18.9	-18.9	-4	5	10*	2.0	1.1	-4	4	13*	0.	1.8
4	20	7*	3.5	-2.9	4	7	10	9.1	9.6	4	6	13	22.0	-21.7
-4	20	7*	0.	9.4	-4	7	10	6.6	-7.0	-4	8	13	45.3	-45.8
4	22	7	11.9	13.1	4	9	10	8.8	-8.8	4	8	13*	5.3	-6.5
-4	1	8	15.2	-14.9	-4	9	10*	7.1	-2.5	-4	8	13*	2.6	-2.8
-4	1	8*	3.5	3.2	4	11	10	10.3	-11.1	-4	10	13	9.5	10.3
4	3	8	25.4	-25.5	-4	11	10*	3.9	4.2	-4	12	13*	2.5	3.8
-4	3	8	18.8	18.9	4	13	10	11.1	11.7	-4	14	13	34.1	-34.0
4	5	8	21.3	21.5	-4	13	10*	4.5	-2.8	-4	16	13*	0.	-0.2
-4	5	8*	3.6	-0.1	4	15	10	7.3	8.5	-4	18	13	40.1	39.9
4	7	8	18.6	18.4	-4	15	10*	2.4	-1.4	-4	1	14*	1.7	2.2
-4	7	8	16.3	-17.4	-4	17	10*	3.3	2.9	-4	3	14*	5.0	0.5
4	9	8	21.7	-21.8	-4	19	10*	4.7	2.3	-4	5	14*	3.5	-1.5
-4	9	8	5.2	4.3	-4	21	10*	3.3	-4.1	-4	7	14*	4.0	2.7
4	11	8	14.3	-14.9	4	2	11	11.9	-11.1	-4	9	14*	1.3	2.1
-4	11	8	11.7	15.6	-4	2	11	21.9	20.3	-4	11	14*	2.4	-0.5
4	13	8	10.3	11.8	4	4	11*	0.	-0.5	-4	13	14*	0.	1.7
-4	13	8*	3.4	-2.9	-4	4	11*	2.0	0.5	-4	15	14*	0.	1.0
4	15	8	17.9	17.5	4	6	11*	1.5	-1.1	-4	10	15	28.2	28.1
-4	15	8	12.0	-13.5	-4	6	11	41.3	-42.3	-4	12	15*	1.6	0.5
4	17	8	11.3	-11.6	4	8	11*	0.	-1.1	-4	14	15	8.2	-8.4
-4	17	8*	5.0	5.6	-4	8	11*	0.	-1.3	5	1	0	38.1	37.5
4	19	8	19.4	-7.7	4	10	11	6.3	6.3	5	3	0	10.8	10.5
-4	19	8	5.9	6.8	-4	10	11	40.3	40.7	5	5	0	24.4	-25.3
-4	21	8*	0.9	-3.4	4	12	11*	0.	0.8	5	7	0	17.1	-15.7
-4	23	8	8.1	-6.5	-4	12	11*	0.	3.3	5	9	0	14.6	14.7
4	2	9	9.7	10.7	4	14	11	7.9	-6.6	5	11	0	13.4	13.5
-4	2	9	58.8	69.8	-4	14	11	37.2	-35.6	5	13	0	18.9	-19.3
4	4	9*	2.3	2.3	-4	16	11*	5.5	-4.5	5	15	0	6.9	-6.4
-4	4	9*	1.2	1.3	-4	18	11	23.8	24.4	5	17	0	9.9	9.5
4	6	9	10.2	10.0	-4	20	11*	5.5	5.1	5	19	0	14.2	14.6
-4	6	9	10.0	-10.0	4	1	12	14.1	-13.5	5	21	0	10.0	-11.5
4	8	9*	3.8	1.9	-4	1	12*	4.5	0.5	5	23	0	7.4	-6.7
-4	8	9*	3.0	-2.0	4	3	12	10.1	-10.7	5	2	1	47.2	49.5
4	10	9	8.0	7.0	-4	3	12*	0.	0.1	-5	2	1	26.5	-29.0
-4	10	9	45.3	45.5	4	5	12	9.0	10.7	5	4	1*	0.	0.9
4	12	9*	3.3	0.8	-4	5	12*	0.	0.7	-5	4	1*	0.	-0.1
-4	12	9*	1.7	2.0	4	7	12	14.8	14.7	5	6	1	5.3	-7.3

H	K	L	/FO/	/FO/	H	K	L	/FO/	/FO/	H	K	L	/FO/	/FO/
-5	6	1	67.5	65.7	5	12	3	6.6	-7.5	-5	16	5	9.5	8.8
5	9	1*	3.7	4.4	-5	12	3*	4.4	-3.2	5	18	5	8.5	-7.4
-5	9	1*	3.7	4.0	5	14	3	30.8	30.7	-5	18	5	18.0	-17.3
5	10	1	20.2	17.9	-5	14	3	34.7	34.5	5	20	5*	3.3	1.1
-5	10	1	32.3	-30.9	5	16	3*	4.5	3.5	-5	20	5*	5.0	-5.5
5	12	1*	2.7	-1.2	-5	16	3*	2.2	-0.2	-5	22	5	32.1	31.5
-5	12	1*	2.4	-2.7	5	18	3	31.0	-31.3	5	1	5*	2.9	-3.3
5	14	1	3.1	-3.5	-5	18	3	37.1	-38.2	-5	1	6	27.5	28.2
-5	14	1	30.6	31.1	5	20	3*	2.4	-3.4	5	3	5*	4.2	-4.5
5	16	1*	0.	-0.2	-5	20	3*	3.0	-0.7	-5	3	6	26.3	29.1
-5	16	1	5.1	1.0	5	22	3	14.8	14.4	5	5	5*	4.2	5.4
5	18	1	8.5	7.2	-5	22	3	18.8	10.9	-5	5	6	28.7	-29.6
-5	18	1	21.2	-21.2	5	1	4*	3.7	-2.5	5	7	6*	0.	-2.9
5	20	1*	4.5	-2.0	-5	1	4*	10.7	10.0	-5	7	6	15.7	-15.3
-5	20	1*	3.5	-6.6	5	3	4	12.5	13.5	5	9	5*	2.9	-2.2
5	22	1	13.1	-13.7	-5	3	4*	6.7	2.2	-5	9	5	21.3	20.7
-5	22	1*	6.1	7.2	5	5	4*	0.	-1.8	5	11	5*	2.9	1.4
5	1	2	31.6	32.4	-5	5	4	4.7	4.3	-5	11	6	15.0	14.5
-5	1	2*	3.9	-3.1	5	7	4*	4.7	-4.7	5	13	6*	0.	-1.3
5	3	2	40.6	42.2	-5	7	4	15.9	-15.4	-5	13	6	8.7	-7.9
-5	3	2*	2.4	-1.3	5	7	4*	1.5	0.6	5	15	6*	5.1	4.3
5	5	2	25.0	-25.7	-5	7	4	6.5	-6.2	-5	15	6	16.9	-16.9
-5	5	2	11.0	12.1	5	11	4	5.5	6.9	5	17	6*	3.6	-3.3
5	7	2	37.2	-39.0	-5	11	4	8.6	8.9	-5	17	6	8.2	8.6
-5	7	2*	3.1	-4.6	5	13	4	6.0	5.6	5	19	6*	0.	-0.1
5	9	2	22.7	23.0	-5	13	4*	2.4	-4.5	-5	19	6	10.2	9.8
-5	9	2	15.1	-12.7	5	15	4	13.9	-14.5	-5	21	5*	4.7	-5.7
5	11	2	27.8	36.2	-5	15	4*	0.	2.3	-5	23	6	9.3	-9.5
-5	11	2*	3.3	3.9	5	17	4	6.8	5.9	5	2	7	45.8	-45.0
5	13	2	17.7	-18.4	-5	17	4*	0.	-3.4	-5	2	7*	3.6	4.3
-5	13	2	6.1	5.5	5	19	4*	0.9	2.9	5	4	7*	0.	0.3
5	15	2	21.5	-21.3	-5	19	4*	5.1	5.5	-5	4	7*	0.	7.2
-5	15	2*	0.	-1.1	5	21	4*	4.4	-3.7	5	6	7	26.5	28.1
5	17	2	12.6	13.3	-5	21	4*	0.	1.7	-5	6	7	23.7	-23.8
-5	17	2*	3.5	-2.0	-5	23	4*	2.9	-2.5	5	8	7	7.1	-1.1
5	19	2	15.1	15.2	5	2	5	32.2	-31.6	-5	8	7*	0.1	-1.6
-5	19	2*	0.	0.2	-5	2	5	83.0	-82.7	5	10	7	20.7	-20.6
5	21	2	3.9	-3.5	5	4	5*	2.9	-1.9	-5	10	7	21.7	21.1
-5	21	2*	0.	-1.2	-5	4	5	4.6	-5.9	5	12	7*	0.	0.5
-5	23	2*	4.2	4.2	5	6	5	19.8	20.0	-5	12	7*	2.1	0.7
5	2	3	46.3	-47.1	-5	6	5	48.8	43.4	5	14	7	17.1	18.7
-5	2	3	46.9	-44.5	5	8	5*	1.8	-3.2	-5	14	7	9.3	-10.5
5	4	3	5.1	-6.3	-5	8	5*	4.1	5.1	5	16	7*	0.	0.7
-5	4	3*	0.8	-2.4	5	10	5	38.1	-38.9	-5	16	7*	0.	-0.5
5	6	3	45.9	46.2	-5	10	5	82.3	-82.6	5	18	7	18.4	-17.6
-5	6	3	47.6	47.6	5	12	5*	0.	-0.4	-5	18	7*	1.2	1.3
5	8	3	3.0	10.6	-5	12	5	5.8	-6.2	-5	20	7*	4.6	1.5
-5	8	3	6.0	6.6	5	14	5	16.0	15.9	-5	22	7*	0.	0.7
5	10	3	21.6	-22.4	-5	14	5	39.6	37.8	5	1	8	10.9	-11.1
-5	10	3	19.4	-13.9	5	16	5*	3.4	1.7	-5	1	8	7.4	7.0

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
5	3	8	23.1	-22.7	-5	17	10*	5.0	1.5	-5	12	15*	0.	-0.1
-5	3	8	9.2	8.9	-5	19	10*	4.8	5.2	-5	14	15*	1.2	1.7
5	5	8	15.7	15.6	5	2	11	20.8	19.0	5	1	0	20.4	20.5
-5	5	8	15.7	-15.3	-5	2	11	47.0	47.1	6	3	0	9.7	8.5
5	7	8	13.6	17.5	5	4	11*	0.	-0.4	6	5	0	7.0	-7.2
-5	7	8*	2.3	1.2	-5	4	11*	0.3	0.3	6	7	0	20.4	-21.5
5	9	8	17.8	-17.0	5	6	11	23.3	-21.5	5	9	0*	0.	1.3
-5	9	8	19.2	18.8	-5	6	11	56.9	-56.9	6	11	0	22.0	21.9
5	11	8	11.9	-13.2	5	3	11*	3.8	-1.7	6	13	0	10.9	-10.8
-5	11	8*	0.	-1.0	-5	3	11*	0.3	0.0	6	15	0	14.3	-13.1
5	13	8	11.7	11.7	5	10	11	17.3	16.9	6	17	0*	4.1	5.7
-5	13	8	10.0	-10.0	-5	10	11	43.8	43.8	6	19	0	17.9	17.2
5	15	8	13.8	13.5	-5	12	11*	0.8	1.3	6	21	0	8.2	-8.7
-5	15	8*	3.7	-4.1	-5	14	11	31.9	-33.4	6	2	1	11.6	11.3
5	17	8	13.0	-12.9	-5	16	11*	1.4	-2.7	-5	2	1	6.9	-6.5
-5	17	8	10.1	0.2	-5	18	11	18.7	20.9	-5	4	1	5.4	4.1
-5	19	8*	0.	1.0	5	1	12	6.4	-6.2	-5	4	1	7.2	6.4
-5	21	8*	5.7	-5.4	-5	1	12*	0.	-1.7	6	6	1	11.1	11.0
5	2	9*	2.0	-2.4	5	3	12*	3.9	-5.1	-5	6	1	35.5	34.9
-5	2	9	54.6	54.1	-5	3	12*	0.	-0.6	6	8	1*	0.8	-0.2
5	4	9	7.3	5.9	5	5	12*	3.6	3.3	-6	8	1*	3.5	-4.0
-5	4	9*	2.3	3.3	-5	5	12*	2.3	3.0	6	10	1*	4.7	5.1
5	6	9	17.5	13.7	5	7	12	10.3	9.7	-6	10	1	16.1	-15.0
-5	6	9	5.7	-4.0	-5	7	12*	2.3	-3.2	6	12	1*	1.4	2.5
5	8	9*	0.	-1.7	-5	9	12*	0.	-1.4	-6	12	1*	0.8	3.4
-5	8	9*	0.	-3.1	-5	11	12*	1.7	2.4	6	14	1*	0.	-2.9
5	10	9	7.5	-6.7	-5	13	12*	0.	-3.7	-6	14	1	20.0	18.6
-5	10	9	35.2	35.3	-5	15	12*	3.2	0.4	6	16	1*	2.7	-2.3
5	12	9*	3.6	2.1	-5	17	12*	0.	2.8	-6	16	1*	1.6	-1.2
-5	12	9*	0.	2.0	-5	2	13	52.2	52.8	6	18	1	6.6	6.4
5	14	9	7.1	8.1	-5	4	13*	2.0	2.0	-5	18	1	14.0	-13.7
-5	14	9	19.2	-17.5	-5	6	13	63.0	-62.1	6	20	1*	2.9	-1.1
-5	16	9*	2.4	-2.9	-5	3	13*	4.5	-4.1	-6	20	1*	3.0	-2.7
-5	18	9	14.7	15.8	-5	10	13	19.8	20.1	-6	22	1*	5.7	5.5
-5	20	9*	2.5	-0.4	-5	12	13*	5.4	5.8	6	1	2	12.4	12.2
5	1	10	25.6	-25.4	-5	14	13	36.9	-36.6	-6	1	2	13.5	-13.7
-5	1	10	5.9	6.5	-5	16	13*	4.7	-3.4	6	3	2	17.3	17.3
5	3	10	17.7	-13.8	-5	1	14	7.5	-8.2	-6	3	2	25.5	-25.6
-5	3	10*	2.0	-2.5	-5	3	14*	2.8	-4.3	6	5	2	13.8	-14.1
5	5	10	19.3	13.5	-5	5	14	6.7	7.5	-6	5	2	10.5	9.3
-5	5	10	5.2	-5.7	-5	7	14	7.3	6.3	6	7	2	19.9	-19.9
5	7	10	21.4	21.5	-5	9	14*	2.3	-3.8	-6	7	2	22.3	22.6
-5	7	10*	2.6	-2.9	-5	11	14*	3.4	-3.1	6	9	2	18.0	17.6
5	9	10	13.2	-13.1	-5	13	14*	3.9	6.8	-5	9	2	11.3	-10.5
-5	9	10*	3.2	2.5	-5	15	14*	0.	2.8	6	11	2	17.8	17.9
5	11	10	21.0	-20.8	-5	2	15	13.5	-13.9	-6	11	2	14.5	-15.3
-5	11	10*	2.7	2.6	-5	4	15*	0.	-0.9	6	13	2	15.5	-15.5
5	13	10	14.7	14.1	-5	6	15	13.3	12.8	-5	13	2	9.4	9.0
-5	13	10	5.9	-5.2	-5	3	15*	1.0	0.4	6	15	2	19.2	-14.9
-5	15	10*	1.9	-1.8	-5	10	15	11.7	11.4	-6	15	2	0.5	0.0

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
6	17	2	12.7	11.4	-6	4	5*	0.	-0.6	-6	14	7*	3.4	2.3
-6	17	2	7.6	-9.2	6	6	5	23.2	23.8	6	16	7*	2.9	-0.8
6	19	2	13.6	12.7	-6	6	5*	3.3	3.0	-6	16	7*	0.	-0.3
-6	19	2*	0.	-3.3	6	3	5	6.1	-4.4	-6	18	7	6.1	-6.2
-6	21	2*	5.3	4.5	-6	8	5*	3.1	-3.1	-6	20	7*	1.3	2.4
6	2	3	25.6	-25.6	6	10	5	37.3	-38.1	6	1	8*	2.4	-4.1
-6	2	3	74.7	-73.0	-6	10	5	40.0	-40.5	-6	1	8	8.6	8.5
6	4	3*	2.3	3.5	6	12	5*	1.5	-2.1	6	3	8	14.8	-14.1
-6	4	3*	0.	1.2	-6	12	5*	3.9	0.9	-6	3	8	24.8	24.7
6	6	3	20.2	20.7	6	14	5	20.6	20.8	6	5	8	8.6	8.4
-6	6	3	67.0	66.7	-6	14	5	13.3	13.7	-6	5	8	7.2	-7.2
6	8	3*	3.5	-2.8	6	16	5*	5.7	4.7	6	7	8	11.8	11.4
-6	8	3*	3.2	3.1	-6	16	5*	3.1	1.8	-6	7	8	18.5	-18.8
6	10	3*	3.	-2.1	6	18	5	12.0	-11.5	6	9	8	11.7	-11.0
-6	10	3	37.6	-37.3	-6	18	5*	2.4	-2.4	-6	9	8	8.3	9.1
6	12	3*	4.0	3.6	-6	20	5*	0.	0.2	6	11	8	9.3	-9.7
-6	12	3*	3.7	-2.6	-6	22	5	16.0	18.2	-6	11	8	15.1	14.9
6	14	3	10.9	10.7	6	1	6*	4.7	-5.3	6	13	8	0.2	5.8
-6	14	3	43.7	43.3	-6	1	6	2.7	8.3	-6	13	8*	3.9	-3.6
6	16	3*	0.	-2.7	6	3	6	8.3	-8.4	-6	15	8	13.7	-14.1
-6	16	3*	3.3	2.3	-6	3	6	20.2	19.9	-6	17	8*	4.3	6.3
6	18	3	14.0	-14.7	6	5	6*	5.2	5.9	-6	19	8*	8.3	6.4
-6	18	3	41.1	-41.3	-6	5	6	7.7	-7.6	-6	21	8*	0.	-3.3
6	20	3*	3.	-0.6	6	7	6*	4.7	4.4	6	2	9*	4.5	4.5
-6	20	3*	5.0	-5.0	-6	7	6	15.2	-15.4	-6	2	9	27.1	27.1
-6	22	3	22.3	23.4	6	9	6*	5.3	-3.6	6	4	9*	0.	0.2
6	1	4	19.8	10.5	-6	9	6	7.3	7.2	-6	4	9*	4.9	0.3
-6	1	4	13.0	13.6	6	11	6*	5.6	-5.3	6	6	9	9.3	9.3
6	3	4	16.2	16.3	-6	11	6	18.1	17.4	-6	6	9	8.9	8.1
-6	3	4*	4.2	4.3	6	13	6*	0.	0.9	6	8	9*	3.4	5.2
6	5	4	17.0	-17.6	-6	13	6*	5.0	-4.6	-6	8	9*	1.5	1.9
-6	5	4	6.8	-6.2	6	15	6	7.3	7.8	6	10	9*	5.0	-4.2
6	7	4*	4.5	-5.2	-6	15	6	19.3	-18.6	-6	10	9	24.8	24.6
-6	7	4	19.3	-17.7	6	17	6*	5.2	-5.7	6	12	9*	3.0	-2.6
6	9	4	14.3	14.8	-6	17	6	11.5	11.5	-6	12	9*	1.8	-1.3
-6	9	4	6.4	6.0	-6	13	6	9.7	9.3	-6	14	9	15.4	-15.5
6	11	4	7.9	3.0	-6	21	6	10.1	-9.7	-6	16	9*	3.0	-0.3
-6	11	4	17.2	16.3	6	2	7	9.3	-9.4	-6	16	9	15.9	16.5
6	13	4*	3.9	-4.2	-6	2	7	11.1	-11.7	-6	20	9*	0.	-2.1
-6	13	4	15.3	-15.2	6	4	7*	2.0	-1.5	6	1	10	19.3	-18.9
6	15	4	15.5	-17.0	-6	4	7*	1.3	-2.6	-6	1	10	18.3	18.1
-6	15	4	6.3	-6.1	6	6	7*	4.8	4.2	6	3	10	12.2	-11.9
6	17	4	3.5	10.3	-6	6	7	5.3	-3.4	-6	3	10	6.3	6.6
-6	17	4*	4.8	4.8	6	8	7*	0.	0.8	6	5	10	13.7	14.8
6	19	4	7.1	7.3	-6	8	7*	0.	1.5	-6	5	10	13.3	-14.3
-6	19	4	12.1	12.6	6	10	7	8.4	-7.5	6	7	10	13.2	13.6
-6	21	4*	4.0	-3.0	-6	10	7*	2.3	3.2	-6	7	10	10.3	-9.4
6	2	5	20.4	-23.8	6	12	7*	0.	0.5	6	9	10	11.3	-10.7
-6	2	5	16.8	-16.6	-6	12	7*	0.	-0.9	-6	9	10	7.1	7.2
6	4	5*	0.	0.5	6	14	7	11.7	12.3	-6	11	10	7.1	6.3

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-6	13	10	7.8	-8.3	7	9	0	15.2	15.1	7	6	3	5.7	4.7
-6	15	10*	5.9	-3.0	7	11	0	12.6	12.6	-7	8	3*	5.0	5.1
-6	17	10*	2.8	3.2	7	13	0	13.8	-18.1	7	10	3*	0.	1.6
-6	19	10	6.5	6.8	7	15	0	7.8	-8.7	-7	10	3	16.2	-15.7
6	2	11*	0.	-0.3	7	17	0	9.0	9.9	7	12	3*	0.	-2.2
-6	2	11	47.0	47.2	7	19	0	14.7	15.1	-7	12	3*	1.7	-2.2
6	4	11*	1.7	-3.4	7	2	1	17.7	17.2	7	14	3	8.8	8.2
-6	4	11*	4.0	1.6	-7	2	1	17.3	-17.4	-7	14	3	26.4	25.1
-6	6	11	62.0	-62.3	7	4	1	5.4	4.6	7	16	3*	3.6	0.3
-6	8	11*	3.2	-2.3	-7	4	1*	0.	-2.2	-7	16	3*	0.	0.7
-6	10	11	56.1	55.9	7	6	1*	0.	1.1	7	18	3	13.3	-12.5
-6	12	11	5.9	4.7	-7	6	1	39.3	39.1	-7	18	3	28.7	-27.6
-6	14	11	46.7	-45.9	7	8	1*	0.	-0.2	-7	20	3*	3.9	-2.1
-6	16	11*	4.1	-5.4	-7	8	1	7.3	7.9	7	1	4	16.2	16.1
-6	18	11	30.8	30.5	-7	10	1	7.3	6.7	-7	1	4	26.0	20.2
-6	1	12*	4.0	-4.1	-7	10	1	25.8	-25.8	7	3	4	22.4	23.0
-6	3	12	10.7	-9.8	7	12	1*	2.6	0.6	-7	3	4	6.5	7.1
-6	5	12*	3.7	2.9	-7	12	1*	5.0	-6.1	7	5	4	17.2	-17.3
-6	7	12	3.1	3.1	7	14	1*	3.2	-4.4	-7	5	4	14.5	-14.6
-6	9	12*	2.5	-2.8	-7	14	1	25.2	24.7	7	7	4	13.0	-13.0
-6	11	12	3.7	-0.7	7	16	1*	0.	1.0	-7	7	4	13.5	-13.5
-6	13	12*	0.	0.4	-7	16	1*	4.2	4.6	7	9	4	12.0	13.1
-6	15	12	10.3	10.9	7	18	1*	3.4	6.6	-7	9	4	11.3	11.4
-6	17	12*	2.5	-3.1	-7	18	1	17.0	-17.3	7	11	4	12.0	12.7
-6	2	13	21.9	22.0	-7	20	1	6.5	-9.2	-7	11	4	6.8	8.5
-6	4	13*	0.	0.3	7	1	2	13.9	20.5	7	13	4*	3.5	-4.6
-6	6	13	32.3	-32.5	-7	1	2	8.9	8.7	-7	13	4	15.2	-14.7
-6	8	13*	0.	-1.1	7	3	2	21.9	22.4	7	15	4	16.3	-17.3
-6	10	13*	3.1	-0.6	-7	3	2*	4.2	2.7	-7	15	4*	1.1	-0.3
-6	12	13*	5.2	5.6	7	5	2	22.0	-20.6	7	17	4	11.1	10.5
-6	14	13	13.1	-13.6	-7	5	2*	4.5	-3.4	-7	17	4*	0.	2.4
-6	16	13*	0.	1.8	7	7	2	20.5	-20.6	-7	19	4	9.3	9.3
-6	1	14*	3.0	-4.7	-7	7	2*	1.6	-1.2	7	2	5	14.3	-13.2
-6	3	14*	0.	-2.1	7	9	2	20.9	20.5	-7	2	5	20.7	-20.3
-6	5	14*	5.2	2.1	-7	9	2*	0.	-2.6	7	4	5*	2.5	-4.0
-6	7	14	3.6	7.7	7	11	2	15.9	16.3	-7	4	5*	0.	-0.2
-6	9	14*	0.	-0.3	-7	11	2*	2.0	0.1	7	6	5	12.3	13.2
-6	11	14*	5.3	-4.3	7	13	2	16.2	-16.1	-7	6	5	9.5	9.2
-6	13	14*	3.2	5.3	-7	13	2*	3.5	2.2	7	8	5*	1.4	1.3
-6	15	14*	0.9	1.3	7	15	2	12.8	-13.3	-7	8	5*	1.2	-3.3
-6	2	15	26.2	19.5	-7	15	2*	0.	0.6	7	10	5	24.1	-25.3
-6	4	15*	0.	-0.8	7	17	2	10.3	10.6	-7	10	5	34.2	-34.1
-6	6	15	12.4	-12.2	-7	17	2*	1.3	-1.5	7	12	5*	4.0	-4.5
-6	8	15*	2.1	0.6	-7	19	2*	4.2	0.2	-7	12	5*	0.	-0.8
-6	10	15	24.4	23.9	7	2	3*	4.2	-3.3	7	14	5	14.4	14.3
-6	12	15*	0.	-0.3	-7	2	3	35.7	-34.4	-7	14	5	12.5	12.2
7	1	0	25.5	26.1	7	4	3*	1.5	-2.1	-7	16	5*	1.8	3.8
7	3	0	5.2	6.7	-7	4	3*	0.	-1.3	-7	18	5*	5.3	-2.9
7	5	0	21.3	-21.7	7	6	3*	4.1	4.9	-7	20	5*	0.	-1.6
7	7	0	12.0	-11.3	-7	6	3	31.8	31.6	7	1	5*	0.	-0.5

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-7	1	6	13.8	14.4	-7	4	9*	3.7	4.9	-7	6	15*	4.0	2.3
7	3	6*	0.0	0.1	7	6	9	15.7	15.2	-7	8	15*	2.4	-0.2
-7	3	6	15.1	14.4	-7	6	9	25.1	-25.0	-7	10	15	15.7	16.0
7	5	6*	0.	2.8	-7	8	9*	4.9	-3.3	8	1	0	29.9	29.8
-7	5	6	20.1	-20.5	-7	10	9	39.0	39.4	8	3	0	20.9	20.0
7	7	6*	4.0	-4.5	-7	12	9*	5.1	5.0	8	5	0	18.4	-19.7
-7	7	6	5.6	-5.6	-7	14	9	23.9	-25.0	8	7	0	23.4	-23.8
7	9	6*	0.	-0.7	-7	16	9*	3.6	-5.4	8	9	0	11.0	10.7
-7	9	6	15.6	17.3	-7	18	9	21.3	21.7	8	11	0	21.5	21.2
7	11	6*	0.	1.3	-7	1	10*	0.	1.4	8	13	0	13.1	-13.3
-7	11	6	10.5	0.9	-7	3	10*	4.7	-4.6	8	15	0	13.4	-14.1
7	13	6*	5.5	-2.3	-7	5	10*	3.9	3.6	8	17	0	7.2	7.8
-7	13	6	0.6	-0.0	-7	7	10*	3.9	-4.6	8	2	1	7.8	9.5
-7	15	6	15.0	-15.3	-7	9	10*	4.5	-5.8	-8	2	1	26.0	-25.3
-7	17	6	10.0	10.3	-7	11	10*	4.7	5.3	8	4	1*	0.	0.1
-7	19	6	6.5	0.9	-7	13	10*	4.5	-2.0	-8	4	1*	4.0	5.7
7	2	7	21.0	-21.2	-7	15	10*	1.7	-2.2	8	6	1*	3.7	3.9
-7	2	7	6.5	-7.0	-7	17	10*	2.3	0.5	-8	6	1	37.7	37.2
7	4	7*	3.5	-3.9	-7	2	11	22.5	22.9	8	8	1*	4.5	4.6
-7	4	7*	0.	-0.5	-7	4	11*	3.0	-0.4	-8	8	1*	0.	-2.5
7	6	7	12.5	12.6	-7	6	11	34.3	-34.8	8	10	1*	0.	0.7
-7	6	7*	4.7	-5.1	-7	8	11*	0.	0.3	-8	10	1	24.4	-24.5
7	8	7*	3.3	3.3	-7	10	11	30.1	30.0	8	12	1*	2.2	-1.8
-7	8	7*	2.0	-0.9	-7	12	11*	0.2	1.5	-8	12	1*	1.6	2.6
7	10	7	8.0	-0.3	-7	14	11	23.6	-24.7	8	14	1*	2.6	-0.4
-7	10	7	6.2	5.8	-7	16	11*	5.2	-2.8	-8	14	1	21.5	20.6
7	12	7*	0.	-2.2	-7	1	12*	2.3	-3.2	8	16	1*	0.	0.6
-7	12	7*	0.	-0.4	-7	3	12*	2.7	-2.6	-8	16	1*	1.2	-1.0
-7	14	7*	1.1	-0.1	-7	5	12*	5.5	6.7	-8	18	1	13.3	-14.0
-7	16	7*	2.7	0.6	-7	7	12*	2.9	-2.0	8	1	2	12.8	13.3
-7	18	7*	4.2	-4.1	-7	9	12	5.8	-6.2	-8	1	2*	3.0	-2.2
-7	20	7*	3.6	-0.0	-7	11	12*	2.0	-0.0	8	3	2	17.3	18.9
7	1	8	7.8	-6.4	-7	13	12*	2.9	1.1	-8	3	2*	5.2	-5.2
-7	1	8	8.0	0.3	-7	15	12*	4.9	4.6	8	5	2	11.7	-12.0
7	3	9	13.0	-12.3	-7	2	13	20.3	19.6	-8	5	2*	4.8	4.6
-7	3	8	20.7	10.5	-7	4	13*	3.2	0.5	8	7	2	19.7	-20.7
7	5	9	10.5	10.4	-7	6	13	30.4	-30.7	-8	7	2*	0.	1.3
-7	5	8	14.4	-14.5	-7	8	13*	4.2	-2.6	8	9	2	13.6	14.1
7	7	8	8.2	9.8	-7	10	13	6.1	6.0	-8	9	2	7.3	-6.6
-7	7	9	14.7	-14.6	-7	12	13*	3.1	2.3	8	11	2	15.9	17.1
7	9	8	11.0	-12.7	-7	14	13	23.5	-23.6	-8	11	2*	0.	2.1
-7	9	8	19.2	17.7	-7	1	14	8.0	-8.2	8	13	2	13.5	-13.5
-7	11	8	12.7	13.4	-7	3	14*	0.	-4.5	-8	13	2*	3.8	3.3
-7	13	8	13.6	-13.9	-7	5	14	6.0	5.3	8	15	2	12.9	-12.6
-7	15	8	14.5	-14.8	-7	7	14	10.4	11.6	-8	15	2	6.3	-2.8
-7	17	8	14.9	14.1	-7	9	14*	2.2	-4.2	-8	17	2*	0.	-2.3
-7	19	8	7.4	3.8	-7	11	14	9.7	-8.8	8	2	3	9.7	-10.1
7	2	9	9.5	-0.4	-7	13	14	10.4	9.5	-8	2	3	32.7	-32.9
-7	2	9	62.9	61.0	-7	2	15*	5.9	-3.1	8	4	3*	1.5	-1.4
7	4	9*	4.5	4.2	-7	4	15*	3.8	-0.4	-8	4	3*	0.	-1.2

H	K	L	/FQ/	/FC/	H	K	L	/FQ/	/FC/	H	K	L	/FQ/	/FC/
8	6	3*	4.2	6.5	-8	7	6	18.6	-18.5	-8	14	11	25.5	-25.8
-8	6	3	23.8	28.4	8	9	6*	4.0	-9.0	-8	1	12	6.8	-7.7
8	8	3*	0.7	3.1	-8	9	6	16.2	16.4	-8	3	12	9.7	-10.3
-8	9	3*	0.	4.4	-8	11	6	18.6	17.8	-8	5	12	6.2	7.1
8	10	3*	0.	2.1	-8	13	6	9.5	-9.3	-8	7	12	7.6	6.4
-8	10	3	15.5	-16.0	-8	15	6	17.7	-18.9	-8	9	12*	4.2	-4.3
8	12	3*	0.	-0.1	-8	17	6	11.6	13.1	-8	11	12*	5.2	-6.6
-8	12	3*	5.0	-1.3	8	2	7	14.9	-15.5	-8	13	12*	3.5	-0.7
8	14	3*	3.8	3.0	-8	2	7*	3.1	-3.5	-8	2	13	32.9	32.5
-8	14	3	22.2	21.7	8	4	7*	0.	1.3	-8	4	13*	3.1	1.5
-8	16	3*	2.3	5.3	-8	4	7*	3.6	-2.7	-8	6	13	35.1	-34.7
-8	18	3	23.9	-22.7	8	6	7	10.2	10.1	-8	8	13*	0.	-4.1
8	1	4	11.3	11.6	-8	6	7	7.3	-7.8	-8	10	13	7.6	7.6
-8	1	4	14.2	14.0	-8	8	7*	0.	1.5	-8	12	13*	1.6	2.7
8	3	4	17.0	17.3	-8	10	7	10.4	9.7	-8	1	14	16.6	-16.6
-8	3	4	12.1	12.2	-8	12	7*	0.	-0.8	-8	3	14	10.2	-0.7
8	5	4	13.8	-13.8	-8	14	7	6.0	-4.7	-8	5	14	13.9	13.3
-8	5	4*	3.8	-5.3	-8	16	7*	0.	-0.7	-8	7	14	13.7	13.9
8	7	4	12.9	-11.7	-8	18	7*	1.4	0.2	-8	9	14	18.5	-9.9
-8	7	4	24.9	-23.2	-8	1	8	15.4	15.7	-8	11	14	9.5	-9.1
8	9	4	11.4	11.5	-8	3	8	24.3	23.3	-8	2	15	8.8	-6.1
-8	9	4*	3.2	4.9	-8	5	8	17.7	-18.1	-8	4	15*	0.	-0.7
8	11	4	13.2	13.7	-8	7	8	15.7	-15.5	-8	6	15	6.7	7.5
-8	11	4	18.6	18.6	-8	9	8	16.5	18.3	-8	8	15*	2.8	0.7
8	13	4	6.2	-5.3	-8	11	8	12.5	11.6	8	1	16	11.7	11.8
-8	13	4	11.6	-12.2	-8	13	8	9.0	-9.2	8	3	16*	3.1	2.7
-8	15	4	7.3	-8.0	-8	15	8	12.7	-12.5	8	5	16	7.4	-8.8
-8	17	4*	3.4	4.1	-8	17	8	7.8	8.2	8	7	16	7.8	-8.3
8	2	5	13.4	-19.8	-8	2	9	36.5	36.9	8	9	16*	5.2	5.9
-8	2	5	13.3	-13.1	-8	4	9*	2.4	2.3	8	11	16	10.8	10.4
8	4	5*	2.5	1.1	-8	6	9	13.7	-13.0	8	13	16	8.5	-10.2
-8	4	5*	2.2	-3.5	-8	8	9*	3.0	0.8	8	2	17	10.4	9.5
8	6	5	16.6	16.6	-8	10	9	28.5	28.5	-8	4	17	9.0	-9.1
-8	6	5	8.7	8.3	-8	12	9*	1.2	0.1	8	4	17*	3.5	5.0
8	8	5*	4.4	-4.6	-8	14	9	21.2	-20.6	-8	4	17*	1.5	1.4
-8	8	5*	0.	1.2	-8	16	9*	0.	-0.1	8	6	17*	0.8	-2.0
8	10	5	19.4	-20.1	-8	1	10	9.3	9.5	-8	6	17	19.6	20.3
-8	10	5	26.3	-27.2	-8	3	10*	3.3	-4.1	8	8	17*	3.5	-2.1
8	12	5*	0.	-0.5	-8	5	10	8.1	-8.5	-8	8	17*	2.2	2.8
-8	12	5*	4.7	-4.1	-8	7	10*	0.	0.7	8	10	17*	5.9	6.4
-8	14	5	10.9	10.3	-8	9	10*	3.7	3.9	-8	10	17	15.7	-15.2
-8	16	5*	5.5	4.2	-8	11	10*	0.	-0.6	8	12	17*	1.4	2.3
-8	18	5*	4.8	-2.0	-8	13	10	7.0	-6.5	-8	12	17*	3.2	-2.4
8	1	6*	0.	-1.6	-8	15	10*	2.3	1.6	-8	14	17	13.1	13.7
-8	1	6	22.2	22.6	-8	2	11	30.1	30.2	8	1	18	17.5	17.8
8	3	6*	3.9	-1.7	-8	4	11*	1.3	0.7	-8	1	18	8.2	8.6
-8	3	6	27.3	27.2	-8	6	11	39.6	-39.3	8	3	18	18.5	20.0
8	5	6*	0.	1.0	-8	8	11*	1.2	-1.4	-8	3	18*	2.6	1.2
-8	5	6	21.8	-21.6	-8	10	11	32.9	33.4	8	5	18	18.5	-18.1
-8	7	6*	0.	-2.2	-8	12	11*	2.2	2.6	-8	5	18	7.8	-7.7

H	K	L	/FC/	/FC/	H	K	L	/FC/	/FC/	H	K	L	/FC/	/FC/
9	7	2	22.1	-20.7	-9	2	7	9.6	9.6	-9	2	15	6.3	-5.9
-9	7	2*	0.	0.5	-9	4	7*	1.7	-1.2	-9	4	15*	4.5	-0.9
-9	9	2	18.8	18.6	-9	6	7	16.0	-15.9	10	1	0	10.6	10.8
-9	9	2*	2.7	3.2	-9	8	7*	0.	-0.3	10	3	0*	3.1	2.4
-9	11	2	15.7	18.5	-9	10	7	15.4	14.7	10	5	0	7.7	-7.9
-9	11	2*	3.7	0.6	-9	12	7*	0.	0.5	10	7	0*	3.1	-3.8
-9	13	2*	0.	-1.7	-9	14	7	9.1	-8.4	10	9	0*	0.	3.5
-9	15	2*	3.0	-2.0	-9	1	8*	0.	4.8	10	2	1	14.9	15.8
-9	2	3	11.8	-11.5	-9	3	8	15.7	16.2	-10	2	1*	0.	-2.7
-9	2	3	15.3	-15.6	-9	5	8	6.9	-6.2	10	4	1*	2.5	1.8
-9	4	3*	2.7	1.6	-9	7	8	13.6	-14.1	-10	4	1*	0.	1.5
-9	4	3*	0.	1.9	-9	9	8	10.3	10.9	10	6	1	6.7	-7.5
-9	6	3	3.6	3.0	-9	11	8	11.9	12.2	-10	6	1	8.7	10.3
-9	6	3	11.7	12.1	-9	13	8	8.3	-8.4	-10	8	1*	4.4	1.5
-9	8	3*	0.	-1.0	-9	15	8	11.8	-11.9	-10	10	1	7.5	-7.5
-9	8	3*	1.6	-0.4	-9	2	9	29.4	29.8	10	1	2	16.6	17.2
-9	10	3*	4.4	-3.4	-9	4	9*	3.6	2.8	-10	1	2*	3.9	-1.6
-9	10	3*	3.9	-4.1	-9	6	9*	8.3	-10.1	10	3	2	19.2	19.4
-9	12	3*	4.3	2.5	-9	8	9*	4.1	0.1	-10	3	2*	2.5	-3.9
-9	14	3	10.3	10.5	-9	10	9	20.7	19.7	10	5	2	16.3	-15.9
-9	1	4	5.9	5.7	-9	12	9*	2.3	1.9	-10	5	2*	4.4	4.2
-9	1	4*	4.6	4.9	-9	14	9	14.4	-14.5	-10	7	2*	2.0	2.9
-9	3	4	6.6	7.4	-9	1	10	7.4	7.9	-10	9	2*	6.4	-6.5
-9	3	4*	0.	-2.1	-9	3	10*	0.	0.4	-10	11	2*	1.1	-1.6
-9	5	4	8.8	-8.5	-9	5	10*	1.6	-2.5	-10	2	3	22.1	-21.7
-9	5	4*	4.0	-4.4	-9	7	10*	3.1	-5.1	-10	4	3*	4.8	-3.3
-9	7	4*	3.7	-1.4	-9	9	10*	2.2	-2.7	-10	6	3	20.9	18.9
-9	7	4*	4.3	-5.7	-9	11	10*	2.3	3.8	-10	8	3	7.8	6.3
-9	9	4*	5.7	6.6	-9	13	10*	0.	-1.6	-10	10	3	13.2	-12.8
-9	11	4*	3.1	4.8	-9	2	11	13.1	13.2	-10	12	3*	3.5	-2.9
-9	13	4	11.4	-11.7	-9	4	11*	0.	-1.6	-10	1	4	26.2	25.4
-9	15	4*	1.9	-0.3	-9	6	11	23.2	-23.8	-10	3	4	23.3	23.0
-9	2	5	6.7	4.3	-9	8	11*	1.3	1.5	-10	5	4	21.0	-19.2
-9	2	5	19.8	-19.6	-9	10	11	22.3	23.4	-10	7	4	28.2	-26.6
-9	4	5*	0.	-0.1	-9	12	11*	1.6	0.3	-10	9	4	15.0	15.3
-9	4	5*	2.2	1.3	-9	1	12*	4.2	-2.1	-10	11	4	21.2	20.2
-9	6	5	15.3	15.5	-9	3	12*	5.7	-4.5	-10	2	5*	0.	1.9
-9	9	5*	2.6	-5.1	-9	5	12*	2.4	3.9	-10	4	5*	3.0	-1.9
-9	10	5	26.3	-26.4	-9	7	12*	4.1	2.8	-10	6	5*	0.	-2.2
-9	12	5*	0.	0.5	-9	9	12	6.6	-4.6	-10	8	5*	2.5	-0.1
-9	14	5	11.2	12.1	-9	11	12*	4.7	-5.3	-10	10	5	7.3	-7.7
-9	16	5*	0.	1.5	-9	2	13	15.8	17.3	-10	12	5*	0.	-3.6
-9	1	6	17.6	18.3	-9	4	13*	1.9	-0.5	-10	1	6	19.0	19.2
-9	3	6	22.7	22.9	-9	6	13	22.0	-22.5	-10	3	6	18.7	18.4
-9	5	6	19.2	-19.2	-9	8	13*	0.	-1.7	-10	5	6	21.5	-21.0
-9	7	6	18.9	-17.2	-9	10	13*	4.9	5.9	-10	7	6	11.1	-10.9
-9	9	6	17.1	16.5	-9	1	14	14.4	-13.9	-10	9	6	17.3	17.1
-9	11	6	22.4	22.0	-9	3	14	12.9	-11.7	-10	11	6	13.0	11.5
-9	13	6	10.0	-10.7	-9	5	14	7.6	8.6	-10	2	7*	5.7	4.6
-9	15	6	23.6	-23.9	-9	7	14	18.7	19.7	-10	4	7*	0.	-0.4

VITTORIO TAZZOLI and CHIARA DOMENEGHETTI

The crystal structures of whewellite and weddellite: re-examination and comparison

TABLE 9 - LIST OF STRUCTURE FACTORS OF WEDDELLITE (* = unobservably weak)

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
2	0	0	139.8	-143.3	2	6	0	63.2	-61.8	1	13	0	22.3	-21.4
4	0	0	118.4	117.2	4	6	0*	6.5	-6.5	3	13	0	15.3	-15.2
6	0	0*	4.0	0.8	6	6	0	19.2	-19.5	5	13	0	25.3	25.9
8	0	0	13.7	12.3	8	6	0*	7.8	0.8	7	13	0	24.4	-23.3
10	0	0*	3.5	-1.9	10	6	0	42.9	40.4	9	13	0*	6.6	3.9
12	0	0	47.0	-47.2	12	6	0	17.5	-15.7	11	13	0	32.1	32.6
14	0	0*	7.8	-6.8	14	6	0*	4.5	-4.8	2	14	0*	9.4	-6.8
16	0	0	18.2	18.2	16	6	0	14.6	13.1	4	14	0*	5.9	8.5
1	1	0	28.9	-28.5	1	7	0	77.5	77.5	6	14	0*	2.6	-1.6
3	1	0	12.5	-12.0	3	7	0*	0.	-0.9	8	14	0*	0.	-0.8
5	1	0	32.5	26.9	5	7	0	25.1	24.7	10	14	0*	9.1	12.4
7	1	0	26.5	21.5	7	7	0	38.1	-38.1	1	15	0	12.9	13.9
9	1	0	21.5	-20.7	9	7	0	23.1	22.7	3	15	0	39.3	40.1
11	1	0	24.7	24.9	11	7	0*	6.6	-6.1	5	15	0	39.2	-38.1
13	1	0	35.5	33.9	13	7	0	38.8	-39.7	7	15	0	23.2	23.2
15	1	0	21.6	-20.5	15	7	0	22.2	23.8	2	16	0	12.2	-7.9
17	1	0*	6.8	2.2	2	8	0	90.2	88.4	4	16	0*	7.7	-6.9
2	2	0	21.6	-24.2	4	8	0	43.0	-41.7	6	16	0*	10.6	8.7
4	2	0	54.2	50.2	6	8	0*	9.1	9.0	1	17	0*	5.9	5.4
6	2	0	64.7	-63.9	8	8	0	46.7	46.4	3	17	0	31.7	-32.1
8	2	0	83.5	82.3	10	8	0	58.3	-58.0	1	0	1	18.6	-21.7
10	2	0	11.7	-10.1	12	8	0	19.2	20.9	3	0	1	26.0	-25.9
12	2	0	68.7	71.3	14	8	0*	4.4	-3.9	5	0	1	22.4	22.4
14	2	0	14.9	-16.7	1	9	0	30.1	-29.3	7	0	1*	5.2	3.7
16	2	0*	7.4	-0.2	3	9	0*	8.8	-9.8	9	0	1	32.5	31.5
1	3	0	81.1	87.4	5	9	0*	5.3	7.2	11	0	1	10.4	9.1
3	3	0*	4.3	4.0	7	9	0	11.3	-12.7	13	0	1	12.3	11.4
5	3	0	101.1	100.7	9	9	0*	9.0	7.1	15	0	1*	8.7	-8.2
7	3	0	93.8	-93.2	11	9	0*	6.6	3.0	17	0	1*	6.5	5.8
9	3	0*	8.7	5.5	13	9	0	39.6	39.6	2	1	1	7.8	-6.2
11	3	0	10.7	-9.4	2	10	0	19.9	-19.4	4	1	1	12.2	-7.0
13	3	0	41.1	-43.3	4	10	0	12.1	-12.2	6	1	1	84.4	-83.1
15	3	0	24.9	25.0	6	10	0	64.0	62.9	8	1	1	14.5	15.3
17	3	0	20.8	-19.3	8	10	0	64.4	-64.4	10	1	1	13.5	12.3
2	4	0*	3.5	-0.4	10	10	0	75.0	74.9	12	1	1	62.4	-62.1
4	4	0*	7.3	-3.7	12	10	0	46.9	-41.4	14	1	1	34.0	34.4
6	4	0	53.9	54.0	14	10	0	16.9	16.1	16	1	1	36.8	-39.3
8	4	0	29.4	-29.1	1	11	0*	8.7	-8.5	1	2	1	82.6	83.7
10	4	0*	4.7	-5.6	3	11	0	50.8	51.0	3	2	1	26.2	23.7
12	4	0	32.1	-30.2	5	11	0	25.8	-27.4	5	2	1	28.2	25.3
14	4	0	12.1	10.8	7	11	0	17.3	16.2	7	2	1	25.5	25.3
16	4	0*	2.3	2.3	9	11	0	13.5	-12.3	9	2	1	71.7	-70.5
1	5	0	143.2	-139.1	11	11	0*	11.0	-15.7	11	2	1	36.2	35.1
3	5	0	154.4	153.0	13	11	0*	3.0	1.3	13	2	1	11.0	-11.4
5	5	0	71.4	-70.9	2	12	0	45.6	45.6	15	2	1*	4.8	-1.8
7	5	0	94.0	94.4	4	12	0	39.4	-39.7	17	2	1*	5.1	9.8
9	5	0	23.1	-23.2	6	12	0	20.7	20.2	2	3	1*	1.0	4.7
11	5	0	15.9	16.8	8	12	0*	9.3	7.5	4	3	1	50.1	-50.1
13	5	0	58.0	56.7	10	12	0	25.3	-25.0	6	3	1	62.8	61.1
15	5	0	32.7	-33.0	12	12	0*	10.0	6.8	8	3	1	42.2	-41.5

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
10	3	1*	4.8	5.3	1	10	1	12.1	11.1	9	1	2	22.8	-23.0
12	3	1	31.4	30.7	3	10	1*	6.5	5.1	11	1	2	14.0	-13.6
14	3	1	17.9	-17.1	5	10	1*	6.6	7.9	13	1	2*	6.4	3.5
16	3	1*	11.0	11.3	7	10	1*	5.6	-1.7	15	1	2*	10.1	-9.2
1	4	1	217.5	-224.6	9	10	1	14.0	-13.5	17	1	2*	11.9	11.5
3	4	1	65.1	64.5	11	10	1*	0.	2.3	?	2	2	93.6	91.4
5	4	1	18.8	17.5	13	10	1*	7.6	5.2	4	2	2	32.8	-33.1
7	4	1	68.5	-70.9	2	11	1	81.0	-81.4	6	2	2*	4.5	2.7
9	4	1	66.2	59.6	4	11	1	63.5	64.0	8	2	2	61.2	59.5
11	4	1	29.0	-29.8	6	11	1	54.7	-52.8	10	2	2	53.3	-52.7
13	4	1	27.0	27.1	8	11	1	32.9	33.8	12	2	2	33.8	33.4
15	4	1*	7.3	5.1	10	11	1*	10.0	-11.0	14	2	2*	9.3	-9.7
2	5	1	36.1	29.7	12	11	1*	10.8	-4.7	16	2	2	19.3	-19.4
4	5	1*	0.	0.8	1	12	1	31.3	31.2	1	3	2	28.8	-24.9
6	5	1*	6.8	5.8	3	12	1	24.2	-24.5	3	3	2	44.6	-45.1
8	5	1	18.5	19.6	5	12	1	14.0	12.5	5	3	2	153.3	150.7
10	5	1*	5.2	-5.1	7	12	1*	5.9	5.7	7	3	2	66.4	-66.9
12	5	1	22.2	-21.4	9	12	1	13.4	-13.8	9	3	2*	6.4	-6.1
14	5	1*	7.1	-5.1	11	12	1	24.6	25.6	11	3	2	29.7	30.6
16	5	1*	3.4	5.7	2	13	1	17.8	17.4	13	3	2	23.6	-23.2
1	6	1	126.6	126.5	4	13	1	11.6	-11.2	15	3	2	21.9	22.2
3	6	1	51.1	-51.7	6	13	1	18.7	18.5	2	4	2	91.5	-90.1
5	6	1	16.5	-14.9	8	13	1*	5.8	-3.4	4	4	2	20.1	19.1
7	6	1	27.0	27.8	10	13	1*	11.5	-9.3	6	4	2	38.5	-37.8
9	6	1	64.5	-64.0	1	14	1	29.1	-27.7	8	4	2	18.9	-17.6
11	6	1	30.2	29.2	3	14	1	21.5	21.2	10	4	2*	8.2	9.9
13	6	1	26.9	-26.8	5	14	1*	1.9	-5.3	12	4	2*	0.	1.6
15	6	1*	0.	0.4	7	14	1	34.6	-34.7	14	4	2*	10.0	-4.3
2	7	1	50.4	-50.0	9	14	1	35.7	34.8	16	4	2	21.5	20.5
4	7	1	13.3	15.2	2	15	1*	5.7	-2.5	1	5	2	32.4	31.1
6	7	1	43.3	-41.3	4	15	1*	8.8	-6.9	3	5	2	53.7	53.9
8	7	1	37.7	38.3	6	15	1*	5.4	3.8	5	5	2	65.0	-63.5
10	7	1*	9.8	11.9	8	15	1*	3.1	0.1	7	5	2	16.3	18.6
12	7	1	11.0	-10.9	1	16	1	36.5	34.8	9	5	2*	6.1	5.5
14	7	1	30.0	30.3	3	16	1*	12.3	-13.1	11	5	2	38.2	-38.4
1	8	1	33.8	-37.8	5	16	1*	2.3	-3.2	13	5	2	38.3	39.1
3	8	1	44.1	44.0	2	17	1*	10.9	-11.4	15	5	2	32.8	-33.6
5	8	1	12.3	-12.6	0	0	2	105.4	100.1	2	6	2	15.1	-16.7
7	8	1	16.1	-17.1	2	0	2	43.3	-46.6	4	6	2	35.1	-35.4
9	8	1	27.6	28.1	4	0	2	46.6	-45.8	6	6	2	20.5	19.9
11	8	1*	9.6	-4.4	6	0	2	45.7	44.2	8	6	2*	7.4	2.7
13	8	1*	5.5	2.8	8	0	2	68.0	-66.3	10	6	2*	3.6	7.8
15	8	1*	6.3	1.8	10	0	2	90.6	90.9	12	6	2	28.8	-28.4
2	9	1	24.6	22.8	12	0	2	43.4	-43.3	14	6	2*	0.	2.9
4	9	1	52.9	-53.0	14	0	2*	9.1	8.6	1	7	2	37.5	37.3
6	9	1	43.7	42.7	16	0	2	19.3	20.0	3	7	2	64.1	-53.5
8	9	1	16.2	-16.4	1	1	2	33.9	-32.1	5	7	2	76.3	74.5
10	9	1	22.3	-22.3	3	1	2*	1.6	-0.5	7	7	2	43.6	-46.4
12	9	1	19.0	18.8	5	1	2	101.1	-98.6	9	7	2	22.8	22.4
14	9	1	39.1	-39.3	7	1	2	22.5	-19.7	11	7	2	18.0	18.4

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
13	7	2	17.8	-17.4	4	16	2*	6.4	7.8	3	6	3*	1.5	2.7
15	7	2	18.8	19.1	1	17	2*	6.	5.1	5	6	3	53.9	-52.9
2	6	2	63.5	60.7	1	0	3	109.8	107.5	7	6	3	34.0	33.9
4	8	2	37.1	-35.3	3	0	3	18.4	18.9	9	6	3	51.4	-51.4
6	8	2	25.9	-26.9	5	0	3*	2.2	2.3	11	6	3	59.5	59.5
8	8	2	32.4	32.9	7	0	3	52.2	52.3	13	6	3	29.9	-30.3
10	8	2	34.2	-33.6	9	0	3	24.0	-26.3	15	6	3*	1.1	1.5
12	8	2	23.1	21.0	11	0	3	17.2	-18.3	2	7	3	9.5	-8.3
14	8	2*	7.2	-7.7	13	0	3*	11.4	-11.0	4	7	3	21.9	22.6
1	9	2*	7.6	3.7	15	0	3*	2.2	1.4	6	7	3	58.9	-57.1
3	9	2	15.5	15.2	2	1	3	165.1	-165.2	8	7	3	45.6	45.5
5	9	2	33.1	-37.9	4	1	3	138.7	138.6	10	7	3*	9.3	-7.5
7	9	2*	4.3	4.9	6	1	3	83.9	-85.8	12	7	3	34.1	-32.4
9	9	2	11.7	-12.3	8	1	3	63.4	63.1	14	7	3	14.9	14.9
11	9	2*	6.9	-2.0	10	1	3*	2.3	-4.7	1	8	3	9.6	11.3
13	9	2*	1.8	4.0	12	1	3*	0.	1.3	3	8	3	26.3	27.2
2	10	2	73.0	-73.4	14	1	3	25.4	24.8	5	8	3	11.9	9.1
4	10	2	29.9	32.8	16	1	3	35.5	-34.2	7	8	3	11.4	-13.1
6	10	2	36.5	29.9	1	2	3*	7.8	11.0	9	8	3	27.1	26.5
8	10	2	21.7	-22.2	3	2	3	17.7	-17.4	11	8	3	32.7	-34.1
10	10	2	27.7	27.9	5	2	3	33.2	32.4	13	8	3	20.8	19.9
12	10	2	23.1	-22.4	7	2	3*	8.5	-8.1	2	9	3	23.7	24.2
1	11	2	15.2	-14.5	9	2	3	18.2	-16.2	4	9	3	75.8	-75.9
3	11	2*	9.2	11.0	11	2	3	63.1	62.9	6	9	3	76.9	77.2
5	11	2*	3.9	-1.6	13	2	3*	6.6	2.3	8	9	3	42.7	-41.7
7	11	2*	7.2	5.3	15	2	3*	2.5	-4.5	10	9	3*	9.4	7.2
9	11	2	15.3	-13.9	2	3	3	69.4	68.9	12	9	3	31.9	31.7
11	11	2*	8.7	1.4	4	3	3	61.5	-60.3	14	9	3	24.9	-24.1
13	11	2*	12.1	12.9	6	3	3	20.8	20.7	1	10	3	20.3	-19.6
2	12	2	13.0	11.1	8	3	3	36.8	-36.2	3	10	3	15.1	15.7
4	12	2*	1.5	-1.1	10	3	3*	1.2	-6.1	5	10	3*	9.8	9.3
6	12	2	23.0	-22.1	12	3	3*	7.6	-7.1	7	10	3	16.9	-17.5
8	12	2	24.4	26.0	14	3	3	25.3	-24.4	9	10	3	14.2	10.3
10	12	2	30.9	-30.4	16	3	3	20.9	19.5	11	10	3*	6.5	2.3
12	12	2	20.2	18.9	1	4	3	109.1	-106.9	13	10	3*	9.5	9.2
1	13	2	23.8	25.2	3	4	3	99.4	98.3	2	11	3*	4.4	2.7
3	13	2	25.8	-27.1	5	4	3*	3.4	6.6	4	11	3	17.4	15.5
5	13	2	32.4	31.5	7	4	3	18.4	-18.0	6	11	3	11.7	-13.1
7	13	2	35.0	-33.4	9	4	3	26.8	23.9	8	11	3*	2.2	4.2
9	13	2	17.7	17.3	11	4	3	56.3	-56.2	10	11	3*	4.9	7.8
11	13	2*	11.4	8.9	13	4	3	23.2	24.3	12	11	3	43.0	-43.3
2	14	2	12.7	-10.6	15	4	3*	8.5	3.1	1	12	3*	10.3	12.9
4	14	2*	7.7	-2.0	2	5	3	23.4	-21.4	3	12	3*	8.9	-4.3
6	14	2*	11.4	9.2	4	5	3	14.7	15.0	5	12	3*	8.4	-8.1
8	14	2*	7.6	-5.9	6	5	3	45.1	45.2	7	12	3	25.2	26.7
1	15	2	19.3	-18.1	8	5	3*	2.5	6.0	9	12	3	33.4	-33.9
3	15	2	45.0	46.2	10	5	3	21.0	19.7	11	12	3	26.5	25.3
5	15	2	48.9	-46.9	12	5	3*	9.1	9.5	2	13	3*	5.7	6.3
7	15	2	32.1	31.9	14	5	3*	9.4	7.3	4	13	3	19.1	-20.6
2	16	2	16.4	-15.2	1	6	3*	1.2	2.8	6	13	3	26.4	28.4

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
9	13	3	14.7	-14.3	14	4	4*	8.5	6.6	6	12	4*	9.1	-9.5
10	13	3*	5.4	4.3	1	5	4	19.4	-20.8	8	12	4	34.9	36.5
1	14	3	39.8	-40.2	3	5	4	96.0	93.1	10	12	4	29.1	-29.2
3	14	3	33.5	33.2	5	5	4	55.5	-55.8	1	13	4	26.1	27.2
5	14	3*	9.3	-6.3	7	5	4	58.7	57.7	3	13	4	21.1	-21.9
7	14	3	30.8	-31.0	3	5	4	17.5	-18.3	5	13	+	40.2	41.1
9	14	3	36.8	37.5	11	5	4	16.8	-16.5	7	13	4	32.5	-33.2
2	15	3	13.8	14.6	13	5	4	22.8	23.4	9	13	4	15.0	12.7
4	15	3*	6.3	-5.3	15	5	4	31.0	-30.8	2	14	4*	9.5	-8.3
6	15	3*	8.1	0.7	2	6	4	18.0	-17.9	4	14	4*	7.3	0.3
1	16	3	47.8	40.0	4	6	4	10.6	-12.7	6	14	4*	0.	-5.3
3	16	3	34.1	-31.8	6	6	4*	7.0	-4.6	1	15	4*	1.5	-6.7
0	0	4	94.3	35.0	8	6	4	16.6	-14.6	3	15	4	24.7	24.1
2	0	4	50.1	-50.4	10	6	4*	7.3	5.9	5	15	4	35.6	-36.5
4	0	4	23.3	-23.8	12	6	4	26.2	-26.7	1	0	5*	5.5	-1.3
6	0	4	54.4	52.6	14	6	4*	3.1	4.9	3	0	5*	0.	3.9
8	0	4	35.8	-35.3	1	7	4	15.4	15.3	5	0	5*	7.2	3.4
10	0	4	79.8	81.2	3	7	4	40.7	-38.4	7	0	5	18.6	-18.3
12	0	4	39.7	-39.7	5	7	4	25.7	25.5	9	0	5*	4.2	2.4
14	0	4	11.9	11.5	7	7	4	29.0	-28.3	11	0	5*	7.7	6.0
16	0	4*	10.1	8.1	9	7	4	12.5	12.3	13	0	5*	1.5	-0.7
1	1	4	12.8	-12.8	11	7	4	28.1	28.7	15	0	5*	2.4	3.6
3	1	4	26.1	26.3	13	7	4	21.9	-22.5	2	1	5	33.5	-33.4
5	1	4	27.0	-25.3	2	8	4	34.6	31.7	4	1	5*	3.6	-6.9
7	1	4*	9.3	9.4	4	8	4	12.8	-13.7	6	1	5	95.9	-18.1
9	1	4	15.3	-13.4	6	8	4	12.5	-14.5	8	1	5	18.2	18.4
11	1	4	12.2	-12.9	8	8	4	55.6	53.9	10	1	5*	0.	1.3
13	1	4*	5.7	6.1	10	8	4	33.6	-33.4	12	1	5	34.5	-33.6
15	1	4	24.0	-22.8	12	8	4	26.2	27.0	14	1	5	32.7	33.8
2	2	4	93.5	92.9	1	9	4*	8.3	4.2	1	2	5	49.2	50.1
4	2	4	24.8	-24.7	3	9	4	21.9	22.0	3	2	5	20.4	-18.9
6	2	4*	5.3	-5.5	5	9	4	13.0	-14.7	5	2	5	21.7	22.6
8	2	4	21.1	20.3	7	9	4	11.1	9.0	7	2	5	40.4	42.0
10	2	4	36.7	-35.6	9	9	4	15.1	-15.6	9	2	5	33.3	-33.0
12	2	4	20.2	20.9	11	9	4*	1.7	-3.5	11	2	5	31.4	32.5
14	2	4*	8.4	-0.7	13	9	4*	5.6	0.4	13	2	5*	9.4	-10.2
1	3	4	14.4	-16.7	2	10	4	60.3	-60.4	15	2	5*	0.	-3.7
3	3	4	33.1	-32.2	4	10	4	27.8	28.9	2	3	5*	4.2	-0.7
5	3	4	68.2	68.7	6	10	4*	11.2	11.3	4	3	5	17.0	18.5
7	3	4	56.3	-56.9	8	10	4	31.9	-31.4	5	3	5	44.7	45.0
9	3	4*	2.7	-4.2	10	10	4	22.7	21.5	8	3	5*	4.1	-4.3
11	3	4	29.1	28.7	12	10	4	16.2	-18.9	10	3	5	18.9	-17.7
13	3	4	20.5	-17.7	1	11	4	14.3	-12.5	12	3	5	34.0	34.6
15	3	4	30.0	30.0	3	11	4*	8.2	4.4	14	3	5	37.6	-37.6
2	4	4	44.5	-45.0	5	11	4	13.0	-12.4	1	4	5	68.4	-59.8
4	4	4*	0.	1.2	7	11	4*	2.1	4.6	3	4	5	17.9	18.2
6	4	4	16.1	15.3	9	11	4*	5.4	-5.2	5	4	5	24.0	25.1
8	4	4*	9.7	-10.2	11	11	4*	6.8	4.1	7	4	5	90.6	-10.8
10	4	4	25.6	27.8	2	12	4*	10.8	8.5	9	4	5	46.9	47.2
12	4	4*	11.3	-9.8	4	12	4*	2.0	1.5	11	4	5	42.3	-42.3

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
13	4	5	26.9	27.9	4	13	5	27.0	-27.3	6	6	6	16.6	-19.0
2	5	5*	7.3	6.5	6	13	5	17.8	16.5	8	6	5*	11.5	-14.8
4	5	5	20.1	-20.3	1	14	5	+1.1	-40.4	10	6	5	14.9	16.9
6	5	5	26.2	-25.7	3	14	5	31.2	29.9	12	6	6	17.1	-16.5
8	5	5	19.2	17.9	5	14	5*	10.2	-7.6	1	7	6	11.7	12.9
10	5	5*	5.6	-7.8	2	15	5*	5.1	2.2	3	7	6	18.4	-17.5
12	5	5*	0.	-1.4	0	0	6	145.6	147.1	5	7	6*	3.7	-2.1
14	5	5*	2.1	-2.9	2	0	6	65.3	-63.3	7	7	6	22.0	-20.7
1	6	5	104.0	104.9	4	0	5	19.2	17.6	9	7	6*	0.	5.3
3	6	5	75.2	-76.1	6	0	6	24.1	24.0	11	7	5	18.0	15.5
5	6	5	32.3	32.2	8	0	6	11.5	-11.1	2	8	6	30.5	29.7
7	6	5	22.4	21.9	10	0	5	32.5	32.1	4	8	5	11.0	-11.5
9	6	5	13.0	-14.0	12	0	6	36.2	-35.2	6	8	6*	0.	-0.7
11	6	5	13.9	12.2	14	0	6*	4.3	3.1	8	8	6	47.1	47.5
13	6	5*	7.7	-6.6	1	1	5	11.0	-11.5	10	8	6	38.3	-38.9
2	7	5*	5.6	-5.2	3	1	6	16.5	18.7	1	9	5	11.5	-8.5
4	7	5	24.4	22.5	5	1	6	11.9	13.2	3	9	5*	10.3	12.2
6	7	5*	5.5	-2.5	7	1	6	19.9	20.8	5	9	6*	0.	4.0
8	7	5	18.5	17.9	9	1	6*	8.3	-8.9	7	9	5*	3.7	3.6
10	7	5*	8.4	3.2	11	1	6*	7.0	1.6	9	9	6*	8.9	-6.1
12	7	5	20.1	-18.4	13	1	5	12.7	13.2	2	10	6	29.5	-29.2
1	8	5	14.0	-12.5	2	2	6	33.7	35.7	4	10	6	10.7	5.0
3	8	5	22.9	22.4	4	2	6*	7.5	-6.2	6	10	6	17.4	16.7
5	8	5*	5.3	-9.0	6	2	6	27.9	-27.0	8	10	6	44.9	-43.7
7	8	5	42.8	-43.1	8	2	5	19.6	19.6	10	10	6	35.2	36.7
9	8	5	20.7	17.7	10	2	6	17.1	-16.4	1	11	6*	8.7	-9.9
11	8	5	16.9	-17.4	12	2	6	28.4	29.4	3	11	6	17.0	13.9
2	9	5	25.5	24.8	14	2	6*	6.7	-2.1	5	11	5	21.1	-23.4
4	9	5	67.8	-63.7	1	3	6*	1.7	2.3	7	11	6*	9.2	8.0
6	9	5	32.8	32.7	3	3	6	24.4	-23.7	2	12	6	20.4	20.3
8	9	5	23.0	-21.7	5	3	6	20.5	21.6	4	12	6	14.4	-12.1
10	9	5*	2.5	-1.2	7	3	6	51.9	-51.0	5	12	6*	7.9	8.3
12	9	5	14.5	15.1	9	3	6*	0.	-1.9	1	13	6*	6.6	7.5
1	10	5*	5.4	-0.9	11	3	6*	9.8	9.4	3	13	6	16.5	-16.1
3	10	5*	5.5	1.5	13	3	6	21.3	-23.4	5	13	6	36.1	36.1
5	10	5	14.7	14.3	2	4	6	14.0	-12.8	2	14	5*	3.0	-5.1
7	10	5	18.5	16.9	4	4	6*	9.4	-6.8	1	0	7	10.7	13.3
9	10	5*	6.0	0.8	6	4	6	34.3	35.8	3	0	7*	1.4	-1.2
11	10	5*	0.	2.6	8	4	6	16.0	-14.5	5	0	7*	1.5	0.5
2	11	5	45.2	-46.0	10	4	6	13.1	16.1	7	0	7	11.4	10.3
4	11	5	53.7	53.1	12	4	6	24.3	-21.7	9	0	7*	4.4	0.7
6	11	5	28.2	-23.5	1	5	6	63.9	-62.7	11	0	7*	3.6	-2.5
8	11	5	18.1	17.1	3	5	6	95.9	97.8	2	1	7	40.3	-42.5
10	11	5*	6.0	-5.4	5	5	6	50.1	-49.5	4	1	7	40.0	38.0
1	12	5	25.9	26.2	7	5	6	72.2	71.5	6	1	7	48.2	-49.3
3	12	5	13.1	-14.0	9	5	6	28.0	-28.1	8	1	7	22.8	23.0
5	12	5*	5.8	-3.7	11	5	6*	5.4	5.7	10	1	7*	2.4	1.5
7	12	5*	9.7	-5.3	13	5	6	22.2	21.9	12	1	7	17.0	-18.5
9	12	5	23.8	-22.8	2	6	6	28.9	-28.5	1	2	7	28.2	27.0
2	13	5	12.4	11.4	4	6	5*	2.0	-1.0	3	2	7	11.0	-11.0

