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The arrojadite–dickinsonite series, $KNa_4Ca(Fe,Mn)^{2+}_{14}Al(OH)_2(PO_4)_{12}$: crystal structure and crystal chemistry

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Abstract

The complex crystal structure of the arrojadite–dickinsonite, $KNa_4Ca(Fe,Mn)^{2+}_{14}Al(OH,F)_2(PO_4)_{12}$, series was studied by single-crystal X-ray diffraction techniques. Three compositions were studied and one, dickinsonite from Branchville, Connecticut, is summarized here. The others are arrojadites from the Nancy Mine, North Groton, New Hampshire, and the Nickel Plate Mine, Keystone, South Dakota. Dickinsonite is monoclinic, a = 24.940(6), b = 10.131(4), c = 16.722(2)Å, β = 105.60(2)°, space group $A2/a$, Z = 4. R = 0.078 for 7740 measured intensities. Of the 49 nonequivalent atoms in the asymmetric unit, fifteen are larger cations, whose coordination polyhedra include six symmetry-independent octahedra, one tetrahedron, one square pyramid, one seven-coordinated polyhedron, two distorted cubes, one non-cubic polyhedron of order eight, two of ten, and one of twelve-coordination.

The arrojadite–dickinsonite structure type is related to that of wyllieite, $Na_2Fe^{2+}_2Al(PO_4)_3$, as seen from a cell with $x_2 = 1/4 - x_1 + z_1$, $y_2 = 1/4 + y_1$, $z_2 = -x_1$, projected down z_2, where (x_1, y_1, z_1) are parameters for the reduced cell used in the refinement. Eliminating disordered Ca in dickinsonite gives the same ratio $\sum(M+X):\sum(P)$ = 5:3 as for wyllieite. Average bond distances in dickinsonite are

$^{[4]}$M(1)–O 2.092,	$^{[5]}$M(2)–O 2.133,	$^{[6]}$M(3)–O 2.156,	$^{[6]}$M(4)–O 2.167,
$^{[6]}$M(5)–O 2.166,	$^{[6]}$M(6)–O 2.235,	$^{[5]}$M(7)–O 2.190,	$^{[6]}$Al–O 1.884,
$^{[8]}$X(1)–O 2.516,	$^{[7]}$X(2)–O 2.515,	$^{[8]}$X(3)–O 2.574,	$^{[10]}$X(4)–O 3.012,
$^{[8]}$X(5)–O 2.928,	$^{[10]}$X(6)–O 2.940,	$^{[12]}$X(7)–O 3.080 Å	

The sites M(1), X(1), X(4), X(6), and X(7) are disordered. In addition, one of the six nonequivalent (PO_4) tetrahedra is disordered, with evidence of splitting into a reciprocally coupled P(lx) site, which appears to be directly coupled with the X(6) population.

Introduction

Arrojadite and its isotype dickinsonite are complex primary alkali transition metal phosphates, which have experienced a tumultous investigative history. *Arrojadite* was originally named by Guimarães (1942) for material from the Serra Branca pegmatite,

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ARROJADITE   SHEET NO. 1 - 1

Table 3. Arrojadite (NM)
Moore, Araki, Merlino, Mellini, Zanazzi

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
2	0	0	74.6	82.4	-34	0	8	59.8	58.2	20	0	14	13.5	8.9	-9	1	1	15.2	11.7
4	0	0	193.5	218.3	-32	0	8	139.2	145.8	22	0	14	204.8	194.3	-8	1	1	207.5	207.5
6	0	0	71.2	68.2	-30	0	8	21.0	3.3	-32	0	16	14.4	25.3	-7	1	1	33.5	45.6
8	0	0	207.6	222.9	-28	0	8	214.1	220.0	-30	0	16	113.2	118.6	-6	1	1	81.3	80.7
10	0	0	160.1	178.7	-26	0	8	21.1	18.2	-28	0	16	93.9	98.8	-5	1	1	35.0	30.6
12	0	0	21.3	26.4	-24	0	8	131.2	139.4	-26	0	16	140.7	140.1	-4	1	1	81.0	68.2
14	0	0	139.5	145.9	-22	0	8	22.1	26.1	-24	0	16	211.0	218.9	-3	1	1	17.4	14.8
16	0	0	341.0	360.1	-20	0	8	241.6	235.8	-22	0	16	117.9	119.0	-2	1	1	19.6	8.4
18	0	0	88.2	87.1	-18	0	8	38.4	42.8	-20	0	16	36.4	39.2	-1	1	1	45.3	37.8
20	0	0	231.8	231.9	-16	0	8	211.6	190.3	-18	0	16	45.4	47.6	0	1	1	12.2	6.8
22	0	0	60.6	60.8	-14	0	8	359.0	321.6	-16	0	16	338.3	334.8	1	1	1	5.4	9.1
24	0	0	23.4	22.8	-12	0	8	479.5	441.9	-14	0	16	18.8	21.2	2	1	1	112.6	125.7
26	0	0	23.1	17.8	-10	0	8	547.6	507.1	-12	0	16	157.6	154.5	3	1	1	11.8	11.7
28	0	0	27.9	28.1	-8	0	8	915.7	775.1	-10	0	16	71.7	70.2	4	1	1	203.9	219.5
30	0	0	105.3	101.9	-6	0	8	207.9	209.5	-8	0	16	127.9	130.6	5	1	1	30.7	23.4
32	0	0	108.9	111.5	-4	0	8	262.0	282.7	-6	0	16	50.6	51.3	6	1	1	393.2	413.0
34	0	0	17.3	11.8	-2	0	8	153.9	143.2	-4	0	16	88.6	95.7	7	1	1	91.8	95.5
-36	0	2	64.0	57.0	0	0	8	451.0	467.0	-2	0	16	154.2	154.6	8	1	1	89.6	78.5
-34	0	2	96.0	101.8	2	0	8	134.6	150.8	0	0	16	143.8	145.7	9	1	1	50.0	55.2
-32	0	2	31.7	29.6	4	0	8	514.3	539.7	2	0	16	112.5	112.9	10	1	1	124.3	140.4
-30	0	2	236.2	238.3	6	0	8	230.4	248.7	4	0	16	102.5	103.1	11	1	1	177.1	186.7
-28	0	2	93.3	97.9	8	0	8	122.8	133.9	6	0	16	114.7	108.5	12	1	1	80.7	86.0
-26	0	2	160.7	160.1	10	0	8	65.5	58.8	8	0	16	53.1	51.7	13	1	1	47.6	38.9
-24	0	2	199.0	203.2	12	0	8	74.1	78.6	10	0	16	12.9	4.3	14	1	1	203.2	208.2
-22	0	2	19.4	15.4	14	0	8	93.6	103.4	12	0	16	169.0	168.9	15	1	1	49.6	48.1
-20	0	2	225.1	226.3	16	0	8	23.9	18.7	14	0	16	182.3	179.6	16	1	1	171.6	177.6
-18	0	2	133.8	132.2	18	0	8	81.0	74.9	16	0	16	26.4	19.3	17	1	1	59.3	60.9
-16	0	2	213.4	211.7	20	0	8	124.8	124.9	18	0	16	21.1	22.8	18	1	1	20.3	14.8
-14	0	2	786.0	765.9	22	0	8	74.6	75.9	20	0	16	156.9	138.3	19	1	1	124.2	120.2
-12	0	2	53.3	61.4	24	0	8	307.4	294.8	-30	0	18	37.2	34.3	20	1	1	108.8	102.3
-10	0	2	294.8	334.4	26	0	8	158.5	150.1	-28	0	18	82.7	90.7	21	1	1	48.9	51.4
-8	0	2	83.8	71.2	28	0	8	41.7	47.0	-26	0	18	44.7	46.0	22	1	1	90.6	91.4
-6	0	2	38.9	34.6	30	0	8	67.4	68.7	-24	0	18	75.5	80.8	23	1	1	144.1	154.7
-4	0	2	399.7	361.8	-36	0	10	110.3	119.4	-22	0	18	13.3	14.5	24	1	1	50.6	52.6
-2	0	2	227.4	218.2	-34	0	10	41.4	41.4	-20	0	18	52.0	57.2	25	1	1	67.2	67.6
0	0	2	122.3	136.2	-32	0	10	113.3	108.5	-18	0	18	105.6	106.6	26	1	1	24.0	12.4
2	0	2	393.7	424.8	-30	0	10	110.2	112.4	-16	0	18	61.4	64.4	27	1	1	113.2	114.1
4	0	2	91.0	101.0	-28	0	10	60.1	63.2	-14	0	18	137.3	142.7	28	1	1	51.2	48.6
6	0	2	927.4	927.2	-26	0	10	185.9	179.0	-12	0	18	74.1	78.0	29	1	1	47.3	49.7
8	0	2	67.4	69.5	-24	0	10	45.6	36.9	-10	0	18	193.7	189.5	30	1	1	13.5	15.0
10	0	2	410.1	437.7	-22	0	10	57.2	47.6	-8	0	18	140.0	139.6	31	1	1	26.3	31.6
12	0	2	95.6	103.6	-20	0	10	164.5	160.7	-6	0	18	217.5	217.3	32	1	1	25.5	21.9
14	0	2	245.0	238.7	-18	0	10	265.0	244.6	-4	0	18	24.5	25.3	33	1	1	71.5	74.8
16	0	2	19.9	12.0	-16	0	10	67.4	61.9	-2	0	18	36.8	30.4	34	1	1	23.8	9.0
18	0	2	365.0	373.0	-14	0	10	400.5	375.6	0	0	18	49.6	43.6	35	1	1	140.9	137.1
20	0	2	141.5	149.8	-12	0	10	51.9	53.9	2	0	18	13.0	12.1	-36	1	3	14.1	3.2
22	0	2	410.5	425.1	-10	0	10	474.1	447.0	4	0	18	150.5	143.4	-35	1	3	46.0	45.2
24	0	2	52.2	48.6	-8	0	10	449.7	414.8	6	0	18	139.1	135.7	-34	1	3	107.0	108.8
26	0	2	309.4	319.2	-6	0	10	432.3	429.0	8	0	18	57.6	57.9	-33	1	3	36.6	30.3
28	0	2	71.9	72.4	-4	0	10	171.3	180.1	10	0	18	263.6	245.6	-32	1	3	29.3	14.4
30	0	2	49.0	47.1	-2	0	10	369.0	385.6	12	0	18	50.2	42.5	-31	1	3	235.4	239.0
32	0	2	93.6	81.5	0	0	10	350.7	369.4	14	0	18	87.8	82.2	-30	1	3	31.6	11.5
34	0	2	91.9	99.9	2	0	10	399.3	401.3	16	0	18	101.0	92.2	-29	1	3	25.1	13.4
-36	0	4	14.3	7.4	4	0	10	207.0	219.1	-28	0	20	36.3	39.1	-28	1	3	45.9	42.8
-34	0	4	29.8	34.1	6	0	10	56.0	57.5	-26	0	20	13.6	8.0	-27	1	3	32.1	29.5
-32	0	4	132.6	135.3	8	0	10	147.0	146.3	-24	0	20	79.5	85.8	-26	1	3	29.2	29.2
-30	0	4	117.6	119.7	10	0	10	271.8	280.9	-22	0	20	94.1	101.8	-25	1	3	90.1	93.6
-28	0	4	12.9	12.7	12	0	10	125.1	132.5	-20	0	20	152.1	144.7	-24	1	3	12.8	26.7
-26	0	4	12.6	13.4	14	0	10	435.9	442.9	-18	0	20	24.3	39.7	-23	1	3	168.5	173.9

-24	0	4	444.9	451.5	16	0	10	48.1	48.5	-16	0	20	151.1	151.7	-22	1	3	46.9	57.5
-22	0	4	12.0	7.9	18	0	10	65.4	65.6	-14	0	20	36.2	40.4	-21	1	3	30.2	29.2
-20	0	4	121.5	126.5	20	0	10	12.6	7.3	-12	0	20	116.9	113.2	-20	1	3	125.2	129.1
-18	0	4	136.6	127.0	22	0	10	221.0	216.4	-10	0	20	283.0	266.5	-19	1	3	48.7	59.2
-16	0	4	212.4	204.4	24	0	10	134.5	135.7	-8	0	20	72.7	59.9	-18	1	3	129.2	126.8
-14	0	4	89.9	82.7	26	0	10	68.4	69.5	-6	0	20	21.3	28.8	-17	1	3	114.3	109.3
-12	0	4	200.7	178.7	28	0	10	26.3	30.3	-4	0	20	166.9	158.1	-16	1	3	27.4	35.1
-10	0	4	22.5	35.4	-34	0	12	104.3	98.2	-2	0	20	94.5	82.3	-15	1	3	286.6	278.6
-8	0	4	994.5	824.5	-32	0	12	14.3	10.3	0	0	20	62.9	56.6	-14	1	3	100.8	114.5
-6	0	4	247.8	223.5	-30	0	12	65.4	63.4	2	0	20	13.6	7.3	-13	1	3	127.5	109.0
-4	0	4	90.6	119.2	-28	0	12	181.6	166.3	4	0	20	14.0	21.5	-12	1	3	104.0	101.6
-2	0	4	252.4	259.9	-26	0	12	39.5	41.3	6	0	20	159.2	148.4	-11	1	3	117.7	123.9
0	0	4	89.6	110.4	-24	0	12	13.5	8.9	8	0	20	70.8	64.5	-10	1	3	147.1	154.1
2	0	4	55.3	62.1	-22	0	12	25.4	28.0	10	0	20	14.1	5.7	-9	1	3	26.4	13.2
4	0	4	98.4	99.1	-20	0	12	48.9	50.0	12	0	20	82.0	73.5	-8	1	3	425.0	403.1
6	0	4	97.3	106.0	-18	0	12	159.0	158.1	-24	0	22	54.8	54.4	-7	1	3	273.7	261.7
8	0	4	312.4	324.4	-16	0	12	238.1	234.5	-22	0	22	63.0	65.9	-6	1	3	222.6	219.2
10	0	4	55.0	59.5	-14	0	12	28.0	34.0	-20	0	22	78.0	78.7	-5	1	3	110.0	94.9
12	0	4	975.1	978.4	-12	0	12	32.0	18.2	-18	0	22	22.0	16.4	-4	1	3	61.1	45.7
14	0	4	456.2	464.3	-10	0	12	113.7	119.0	-16	0	22	13.9	5.8	-3	1	3	96.6	86.6
16	0	4	63.4	69.4	-8	0	12	367.7	351.8	-14	0	22	85.6	88.1	-2	1	3	114.6	105.9
18	0	4	36.8	33.5	-6	0	12	180.7	192.4	-12	0	22	24.1	12.8	-1	1	3	10.6	4.2
20	0	4	222.8	234.1	-4	0	12	240.3	236.9	-10	0	22	14.3	16.1	0	1	3	118.4	118.6
22	0	4	33.6	38.7	-2	0	12	39.6	43.0	-8	0	22	107.9	102.8	1	1	3	7.1	3.4
24	0	4	41.7	42.3	0	0	12	683.2	679.3	-6	0	22	63.8	62.7	2	1	3	74.8	99.9
26	0	4	12.9	2.3	2	0	12	228.1	244.2	-4	0	22	157.6	149.4	3	1	3	52.9	51.0
28	0	4	246.6	246.0	4	0	12	119.4	128.9	-2	0	22	206.8	194.0	4	1	3	346.2	369.9
30	0	4	63.7	66.8	6	0	12	78.7	75.9	0	0	22	35.3	16.2	5	1	3	24.6	20.4
32	0	4	247.3	240.8	8	0	12	215.7	216.4	2	0	22	96.9	90.8	6	1	3	216.4	225.1
-36	0	6	95.3	97.8	10	0	12	70.8	72.2	4	0	22	102.3	92.9	7	1	3	8.3	7.1
-34	0	6	99.7	96.0	12	0	12	228.1	225.5	6	0	22	37.8	45.3	8	1	3	272.0	267.2
-32	0	6	132.3	131.9	14	0	12	19.0	10.6	-16	0	24	14.4	12.1	9	1	3	124.2	131.4
-30	0	6	86.5	83.1	16	0	12	265.7	260.3	-14	0	24	88.9	91.6	10	1	3	117.5	126.2
-28	0	6	171.7	171.6	18	0	12	68.5	66.6	-12	0	24	73.5	71.6	11	1	3	68.8	68.8
-26	0	6	12.4	4.0	20	0	12	13.2	14.2	-10	0	24	14.5	15.5	12	1	3	81.3	85.5
-24	0	6	53.7	56.2	22	0	12	14.1	31.0	-8	0	24	14.6	12.4	13	1	3	50.5	41.9
-22	0	6	221.9	220.1	24	0	12	127.2	122.6	-6	0	24	76.3	59.3	14	1	3	72.6	82.1
-20	0	6	172.8	174.6	26	0	12	35.7	27.5	-4	0	24	74.1	62.1	15	1	3	30.2	24.2
-18	0	6	647.9	624.0	-34	0	14	15.1	34.5	-2	0	24	24.4	11.9	16	1	3	11.0	8.4
-16	0	6	94.4	95.9	-32	0	14	14.3	9.0	-35	1	1	20.6	5.7	17	1	3	11.0	13.5
-14	0	6	407.8	399.1	-30	0	14	30.6	21.6	-34	1	1	34.5	26.0	18	1	3	82.5	89.9
-12	0	6	215.9	205.4	-28	0	14	60.3	63.9	-33	1	1	26.9	21.7	19	1	3	42.5	44.9
-10	0	6	102.9	74.8	-26	0	14	156.0	166.2	-32	1	1	63.0	62.0	20	1	3	80.6	82.7
-8	0	6	10.5	5.2	-24	0	14	24.8	23.8	-31	1	1	55.0	49.9	21	1	3	83.9	81.0
-6	0	6	599.0	516.4	-22	0	14	187.7	197.7	-30	1	1	92.1	90.3	22	1	3	187.5	188.2
-4	0	6	72.5	66.7	-20	0	14	172.1	173.0	-29	1	1	149.0	156.0	23	1	3	29.3	21.8
-2	0	6	779.8	744.4	-18	0	14	130.8	140.5	-28	1	1	60.0	57.5	24	1	3	81.0	83.2
0	0	6	74.6	78.6	-16	0	14	12.5	4.7	-27	1	1	52.0	43.2	25	1	3	96.4	93.5
2	0	6	128.8	173.3	-14	0	14	49.7	51.7	-26	1	1	165.4	166.5	26	1	3	112.6	115.3
4	0	6	18.5	10.5	-12	0	14	104.3	113.0	-25	1	1	80.2	80.5	27	1	3	37.8	42.6
6	0	6	171.3	196.8	-10	0	14	142.6	127.2	-24	1	1	50.7	46.1	28	1	3	13.6	12.7
8	0	6	121.5	120.3	-8	0	14	12.5	7.4	-23	1	1	29.9	28.0	29	1	3	72.1	73.6
10	0	6	709.7	716.6	-6	0	14	34.7	29.8	-22	1	1	120.2	123.6	30	1	3	116.1	111.5
12	0	6	24.4	21.8	-4	0	14	309.3	301.7	-21	1	1	113.0	108.4	31	1	3	20.8	2.2
14	0	6	159.8	177.6	-2	0	14	237.1	242.1	-20	1	1	25.9	31.0	32	1	3	46.0	44.0
16	0	6	60.9	61.9	0	0	14	177.1	182.2	-19	1	1	56.5	43.9	33	1	3	96.7	89.3
18	0	6	405.4	412.0	2	0	14	202.7	211.2	-18	1	1	331.6	339.1	34	1	3	48.5	40.2
20	0	6	85.2	87.0	4	0	14	225.7	227.0	-17	1	1	222.9	225.4	-36	1	5	68.3	62.3
22	0	6	139.9	140.1	6	0	14	183.4	189.3	-16	1	1	172.5	182.2	-35	1	5	47.7	47.1
24	0	6	34.8	33.8	8	0	14	91.3	95.7	-15	1	1	17.5	22.4	-34	1	5	68.9	76.1
26	0	6	27.1	6.8	10	0	14	43.5	45.5	-14	1	1	159.6	161.0	-33	1	5	14.2	9.0
28	0	6	13.9	17.0	12	0	14	255.8	256.8	-13	1	1	199.5	206.2	-32	1	5	59.5	60.3
30	0	6	37.6	40.9	14	0	14	147.7	150.2	-12	1	1	188.0	190.8	-31	1	5	57.5	65.0
32	0	6	32.3	18.0	16	0	14	63.5	63.1	-11	1	1	136.8	135.0	-30	1	5	13.5	4.6
-36	0	8	14.4	7.4	18	0	14	74.7	69.7	-10	1	1	194.7	195.9	-29	1	5	155.1	154.3

ARROJADITE SHEET NO. 2 - 1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-28	1	5	60.6	64.3	27	1	7	14.0	7.0	17	1	11	17.9	11.5	19	1	15	49.8	50.8
-27	1	5	32.4	34.2	28	1	7	34.5	28.1	18	1	11	105.3	109.6	20	1	15	38.5	38.9
-26	1	5	120.7	119.8	29	1	7	20.1	14.9	19	1	11	13.3	27.8	21	1	15	37.9	36.1
-25	1	5	267.4	277.4	30	1	7	14.1	7.3	20	1	11	66.2	65.0	22	1	15	36.9	32.8
-24	1	5	38.2	49.9	31	1	7	21.5	13.2	21	1	11	13.3	4.6	-32	1	17	23.4	26.0
-23	1	5	82.5	75.2	-36	1	9	14.6	18.1	22	1	11	44.6	36.5	-31	1	17	46.1	41.8
-22	1	5	30.8	32.2	-35	1	9	36.5	40.0	23	1	11	13.7	8.1	-30	1	17	14.1	8.4
-21	1	5	95.9	96.9	-34	1	9	15.1	3.6	24	1	11	23.3	21.4	-29	1	17	145.1	151.0
-20	1	5	139.4	141.7	-33	1	9	252.9	253.0	25	1	11	41.8	38.8	-28	1	17	51.7	46.1
-19	1	5	151.2	151.0	-32	1	9	60.7	54.8	26	1	11	53.9	47.2	-27	1	17	13.6	10.3
-18	1	5	66.1	61.0	-31	1	9	14.3	6.4	27	1	11	14.1	11.3	-26	1	17	58.4	49.4
-17	1	5	187.7	189.4	-30	1	9	106.3	99.9	-35	1	13	15.2	13.6	-25	1	17	212.0	218.7
-16	1	5	17.4	15.0	-29	1	9	73.8	71.7	-34	1	13	14.9	4.0	-24	1	17	93.6	102.0
-15	1	5	37.6	39.9	-28	1	9	43.8	46.8	-33	1	13	14.7	9.8	-23	1	17	58.0	56.6
-14	1	5	314.8	295.8	-27	1	9	92.9	93.4	-32	1	13	36.9	27.6	-22	1	17	41.1	42.0
-13	1	5	35.4	43.5	-26	1	9	103.2	97.7	-31	1	13	14.3	7.6	-21	1	17	13.1	12.5
-12	1	5	15.7	12.6	-25	1	9	102.0	100.3	-30	1	13	67.2	62.0	-20	1	17	20.1	19.5
-11	1	5	111.9	99.4	-24	1	9	224.8	213.3	-29	1	13	34.0	35.4	-19	1	17	129.8	135.7
-10	1	5	10.1	2.5	-23	1	9	38.0	32.6	-28	1	13	85.2	85.0	-18	1	17	33.4	23.7
-9	1	5	166.1	159.4	-22	1	9	173.3	166.5	-27	1	13	13.9	21.9	-17	1	17	76.3	81.3
-8	1	5	99.3	87.8	-21	1	9	18.8	17.2	-26	1	13	48.5	43.1	-16	1	17	54.7	60.4
-7	1	5	41.1	27.4	-20	1	9	52.3	64.2	-25	1	13	48.1	42.4	-15	1	17	12.8	7.3
-6	1	5	592.4	506.7	-19	1	9	12.8	20.2	-24	1	13	13.3	4.1	-14	1	17	150.8	144.0
-5	1	5	224.0	207.2	-18	1	9	18.7	10.1	-23	1	13	99.5	99.9	-13	1	17	12.7	8.6
-4	1	5	290.4	277.8	-17	1	9	118.0	115.3	-22	1	13	13.4	6.3	-12	1	17	45.7	48.7
-3	1	5	20.2	19.4	-16	1	9	80.9	73.4	-21	1	13	348.6	355.1	-11	1	17	117.1	117.3
-2	1	5	27.8	30.8	-15	1	9	54.8	43.2	-20	1	13	148.6	142.6	-10	1	17	13.2	13.0
-1	1	5	154.2	173.3	-14	1	9	196.9	183.2	-19	1	13	12.9	6.4	-9	1	17	288.0	277.2
0	1	5	42.3	41.1	-13	1	9	371.0	349.8	-18	1	13	107.4	106.6	-8	1	17	88.3	80.5
1	1	5	38.3	34.6	-12	1	9	192.7	191.2	-17	1	13	129.0	128.5	-7	1	17	63.0	60.9
2	1	5	31.8	33.6	-11	1	9	134.1	129.5	-16	1	13	178.1	185.0	-6	1	17	182.9	176.2
3	1	5	86.3	92.3	-10	1	9	225.3	210.1	-15	1	13	78.6	72.9	-5	1	17	140.7	139.5
4	1	5	188.1	206.4	-9	1	9	92.3	82.3	-14	1	13	60.8	50.4	-4	1	17	37.4	44.4
5	1	5	114.8	106.6	-8	1	9	21.5	16.2	-13	1	13	56.9	59.3	-3	1	17	56.4	52.7
6	1	5	164.3	164.6	-7	1	9	128.1	115.0	-12	1	13	12.4	6.3	-2	1	17	49.6	52.9
7	1	5	102.9	108.5	-6	1	9	238.5	231.2	-11	1	13	74.8	78.8	-1	1	17	12.4	7.7
8	1	5	50.[illegible]	53.8	-5	1	9	83.6	84.8	-10	1	13	193.0	181.5	0	1	17	12.4	12.6
9	1	5	34.2	33.7	-4	1	9	66.7	68.6	-9	1	13	24.5	24.6	1	1	17	18.5	1.5
10	1	5	97.4	102.2	-3	1	9	35.1	31.1	-8	1	13	140.1	144.9	2	1	17	39.8	39.7
11	1	5	10.3	3.3	-2	1	9	22.8	30.2	-7	1	13	21.9	13.6	3	1	17	58.2	55.2
12	1	5	32.5	22.8	-1	1	9	67.1	78.7	-6	1	13	29.6	35.5	4	1	17	153.8	154.1
13	1	5	27.8	33.1	0	1	9	195.9	204.7	-5	1	13	59.8	60.6	5	1	17	64.2	64.7
14	1	5	36.3	28.7	1	1	9	35.1	35.4	-4	1	13	100.6	100.2	6	1	17	13.0	10.2
15	1	5	45.1	50.1	2	1	9	32.4	30.6	-3	1	13	170.0	171.0	7	1	17	79.3	75.2
16	1	5	69.7	71.2	3	1	9	211.8	218.9	-2	1	13	20.3	20.7	8	1	17	51.5	52.7
17	1	5	34.9	34.6	4	1	9	38.6	41.2	-1	1	13	327.7	336.2	9	1	17	79.9	77.9
18	1	5	143.7	138.8	5	1	9	10.4	3.9	0	1	13	11.9	12.7	10	1	17	13.5	7.7
19	1	5	67.4	75.5	6	1	9	85.9	87.8	1	1	13	98.0	102.5	11	1	17	142.1	132.9
20	1	5	153.6	151.0	7	1	9	120.9	132.7	2	1	13	72.1	75.2	12	1	17	57.6	59.0
21	1	5	24.4	11.8	8	1	9	275.7	285.8	3	1	13	11.9	4.3	13	1	17	13.7	4.4
22	1	5	12.5	22.2	9	1	9	44.8	41.5	4	1	13	141.0	145.7	14	1	17	13.9	9.9
23	1	5	21.4	10.2	10	1	9	127.2	133.5	5	1	13	36.8	33.4	15	1	17	31.4	28.9
24	1	5	29.7	36.4	11	1	9	56.6	59.0	6	1	13	65.0	60.4	16	1	17	14.0	13.5
25	1	5	33.8	22.7	12	1	9	95.1	87.0	7	1	13	12.0	8.9	17	1	17	24.2	0.6
26	1	5	91.0	83.5	13	1	9	11.4	13.6	8	1	13	73.3	70.1	18	1	17	134.6	124.0
27	1	5	69.1	66.7	14	1	9	43.9	42.6	9	1	13	12.1	12.7	-30	1	19	53.1	60.2
28	1	5	56.7	60.5	15	1	9	31.7	29.8	10	1	13	61.7	63.3	-29	1	19	41.8	40.3
29	1	5	37.6	40.9	16	1	9	85.4	74.3	11	1	13	12.1	9.5	-28	1	19	53.4	62.5
30	1	5	65.2	62.0	17	1	9	14.2	13.0	12	1	13	43.6	46.5	-27	1	19	52.1	58.2

31	1	5	69.9	66.5	18	1	9	94.3	98.0	13	1	13	62.2	62.5	-26	1	19	54.4	55.6
32	1	5	14.[illegible]	9.6	19	1	9	22.7	28.4	14	1	13	49.2	51.4	-25	1	19	34.9	33.1
-36	1	7	14.6	11.1	20	1	9	12.3	3.2	15	1	13	75.8	71.7	-24	1	19	68.8	74.8
-35	1	7	116.6	120.2	21	1	9	12.9	23.0	16	1	13	38.7	34.8	-23	1	19	109.4	113.0
-34	1	7	14.9	22.6	22	1	9	96.8	100.2	17	1	13	12.9	5.2	-22	1	19	44.0	41.2
-33	1	7	91.6	96.2	23	1	9	19.2	19.0	18	1	13	13.0	5.9	-21	1	19	59.2	61.9
-32	1	7	86.6	89.3	24	1	9	21.7	13.2	19	1	13	13.5	24.4	-20	1	19	53.3	53.3
-31	1	7	103.2	107.6	25	1	9	48.6	51.5	20	1	13	46.2	44.6	-19	1	19	199.5	204.7
-30	1	7	132.7	131.8	26	1	9	88.8	82.3	21	1	13	14.2	8.3	-18	1	19	83.5	82.9
-29	1	7	80.1	80.2	27	1	9	14.0	14.3	22	1	13	93.9	89.2	-17	1	19	133.0	135.1
-28	1	7	13.2	27.0	28	1	9	39.2	34.4	23	1	13	14.4	14.6	-16	1	19	65.5	69.6
-27	1	7	36.9	37.8	29	1	9	14.4	1.7	24	1	13	14.5	21.8	-15	1	19	13.3	23.8
-26	1	7	72.9	80.8	-36	1	11	23.7	32.0	-34	1	15	61.6	59.9	-14	1	19	57.2	56.3
-25	1	7	12.7	13.3	-35	1	11	57.9	52.4	-33	1	15	14.3	8.0	-13	1	19	85.8	88.3
-24	1	7	28.6	34.0	-34	1	11	61.5	70.5	-32	1	15	56.7	60.3	-12	1	19	13.2	11.4
-23	1	7	92.6	91.5	-33	1	11	14.5	10.2	-31	1	15	190.6	198.1	-11	1	19	41.6	37.1
-22	1	7	12.4	17.8	-32	1	11	92.3	94.8	-30	1	15	14.2	2.9	-10	1	19	71.6	63.2
-21	1	7	78.6	77.8	-31	1	11	55.7	52.1	-29	1	15	67.9	64.3	-9	1	19	13.4	1.7
-20	1	7	190.4	186.3	-30	1	11	14.0	7.3	-28	1	15	66.0	75.9	-8	1	19	13.5	19.1
-19	1	7	512.0	497.6	-29	1	11	58.4	56.8	-27	1	15	56.3	56.3	-7	1	19	41.7	37.5
-18	1	7	32.0	14.5	-28	1	11	55.6	64.7	-26	1	15	44.8	45.3	-6	1	19	67.9	67.5
-17	1	7	23.0	12.5	-27	1	11	299.7	295.5	-25	1	15	41.6	42.4	-5	1	19	127.0	119.6
-16	1	7	30.0	43.0	-26	1	11	62.1	64.4	-24	1	15	44.6	49.9	-4	1	19	13.4	11.8
-15	1	7	66.0	62.0	-25	1	11	77.0	75.3	-23	1	15	26.7	31.5	-3	1	19	267.4	255.9
-14	1	7	26.7	19.9	-24	1	11	26.5	19.4	-22	1	15	41.8	38.7	-2	1	19	40.5	38.2
-13	1	7	64.5	57.4	-23	1	11	170.5	163.8	-21	1	15	40.3	36.9	-1	1	19	20.7	14.7
-12	1	7	11.3	18.2	-22	1	11	51.1	44.4	-20	1	15	35.1	28.9	0	1	19	62.5	53.2
-11	1	7	123.4	117.3	-21	1	11	123.4	111.6	-19	1	15	12.7	15.1	1	1	19	42.5	35.4
-10	1	7	78.9	68.1	-20	1	11	120.3	118.0	-18	1	15	49.5	49.0	2	1	19	22.7	20.6
-9	1	7	111.5	89.0	-19	1	11	105.1	101.3	-17	1	15	144.7	138.7	3	1	19	13.4	18.9
-8	1	7	184.6	174.4	-18	1	11	104.2	92.9	-16	1	15	27.9	38.1	4	1	19	13.3	6.0
-7	1	7	162.3	159.9	-17	1	11	26.3	26.3	-15	1	15	382.4	392.0	5	1	19	13.6	7.4
-6	1	7	545.2	476.6	-16	1	11	60.3	53.1	-14	1	15	181.2	187.3	6	1	19	84.5	78.9
-5	1	7	15.9	4.9	-15	1	11	52.1	48.0	-13	1	15	75.2	73.2	7	1	19	65.0	63.8
-4	1	7	141.9	145.4	-14	1	11	122.0	109.7	-12	1	15	12.5	5.8	8	1	19	50.0	48.4
-3	1	7	205.5	217.7	-13	1	11	76.8	78.1	-11	1	15	149.1	137.6	9	1	19	78.5	73.6
-2	1	7	128.2	124.0	-12	1	11	66.3	68.1	-10	1	15	29.2	25.2	10	1	19	14.2	15.2
-1	1	7	122.4	125.9	-11	1	11	237.9	239.2	-9	1	15	12.5	10.4	11	1	19	48.3	40.0
0	1	7	216.6	237.2	-10	1	11	151.9	145.8	-8	1	15	41.1	32.5	12	1	19	14.2	22.7
1	1	7	21.2	26.0	-9	1	11	71.1	65.0	-7	1	15	114.1	110.6	13	1	19	40.0	35.0
2	1	7	157.2	171.9	-8	1	11	39.2	35.1	-6	1	15	141.4	136.5	14	1	19	25.4	33.1
3	1	7	57.7	60.2	-7	1	11	387.9	382.5	-5	1	15	39.4	41.8	-26	1	21	25.4	26.7
4	1	7	166.0	187.0	-6	1	11	145.2	147.8	-4	1	15	89.0	87.4	-25	1	21	30.7	29.6
5	1	7	113.5	118.9	-5	1	11	50.1	48.7	-3	1	15	12.1	9.1	-24	1	21	13.6	16.4
6	1	7	234.4	242.8	-4	1	11	200.4	199.8	-2	1	15	35.0	36.5	-23	1	21	34.5	33.9
7	1	7	57.4	58.1	-3	1	11	66.9	66.3	-1	1	15	11.9	9.5	-22	1	21	13.9	22.4
8	1	7	204.0	210.2	-2	1	11	69.9	75.9	0	1	15	178.8	179.8	-21	1	21	93.2	100.5
9	1	7	45.4	48.2	-1	1	11	102.0	98.4	1	1	15	71.0	67.3	-20	1	21	21.3	20.0
10	1	7	58.6	58.5	0	1	11	94.6	92.2	2	1	15	36.3	29.8	-19	1	21	44.7	46.8
11	1	7	85.8	85.9	1	1	11	10.9	10.4	3	1	15	114.6	115.5	-18	1	21	28.8	40.5
12	1	7	151.9	162.7	2	1	11	50.6	48.5	4	1	15	86.5	84.9	-17	1	21	144.3	143.5
13	1	7	25.6	21.4	3	1	11	11.0	7.3	5	1	15	164.5	161.7	-16	1	21	23.3	26.2
14	1	7	11.3	5.6	4	1	11	157.5	157.4	6	1	15	33.5	27.0	-15	1	21	49.3	47.2
15	1	7	28.0	22.0	5	1	11	32.3	35.3	7	1	15	70.1	68.9	-14	1	21	13.8	6.6
16	1	7	11.6	7.5	6	1	11	84.4	83.7	8	1	15	91.0	88.8	-13	1	21	140.9	136.7
17	1	7	41.3	47.0	7	1	11	30.8	17.2	9	1	15	24.0	22.6	-12	1	21	14.0	16.4
18	1	7	11.9	4.5	8	1	11	183.9	193.7	10	1	15	72.9	72.5	-11	1	21	137.4	127.0
19	1	7	33.6	41.0	9	1	11	60.2	63.3	11	1	15	35.9	34.8	-10	1	21	[illegible]3.5	84.9
20	1	7	73.5	76.7	10	1	11	89.4	88.2	12	1	15	12.7	1.1	-9	1	21	14.5	22.7
21	1	7	12.4	5.2	11	1	11	29.9	30.7	13	1	15	13.1	14.6	-8	1	21	21.6	11.1
22	1	7	20.9	2.6	12	1	11	11.8	11.6	14	1	15	71.4	62.1	-7	1	21	125.4	115.8
23	1	7	12.9	17.9	13	1	11	64.1	66.6	15	1	15	29.4	28.5	-6	1	21	38.3	44.3
24	1	7	20.5	13.4	14	1	11	57.1	56.9	16	1	15	73.1	71.3	-5	1	21	55.5	54.5
25	1	7	43.8	44.6	15	1	11	18.3	7.4	17	1	15	45.2	51.8	-4	1	21	80.8	72.7
26	1	7	108.1	106.4	16	1	11	21.9	25.9	18	1	15	97.1	92.7	-3	1	21	33.8	26.3

ARROJADITE SHEET NO. 3 - 1

H	K	L	FO	FC
-2	1	21	13.7	9.1
-1	1	21	28.2	33.4
0	1	21	83.8	78.7
1	1	21	88.3	85.1
2	1	21	26.2	17.2
3	1	21	164.7	147.5
4	1	21	45.9	36.4
5	1	21	64.3	56.8
6	1	21	37.5	38.1
7	1	21	79.1	71.9
8	1	21	73.5	74.2
9	1	21	14.2	8.4
-21	1	23	77.3	78.2
-20	1	23	71.3	72.4
-19	1	23	55.9	53.7
-18	1	23	73.3	79.2
-17	1	23	13.8	6.2
-16	1	23	52.8	52.5
-15	1	23	78.6	78.9
-14	1	23	91.2	87.6
-13	1	23	42.5	39.6
-12	1	23	83.1	85.0
-11	1	23	116.0	107.6
-10	1	23	51.0	54.5
-9	1	23	43.0	43.0
-8	1	23	30.5	28.3
-7	1	23	121.0	107.9
-6	1	23	34.0	30.3
-5	1	23	77.1	64.2
-4	1	23	43.3	33.8
-3	1	23	29.4	31.5
-2	1	23	14.5	7.1
-1	1	23	106.1	96.0
0	1	23	91.4	84.4
1	1	23	68.7	61.2
2	1	23	58.3	50.9
3	1	23	37.2	36.8
0	2	0	423.9	476.1
1	2	0	24.7	28.0
2	2	0	198.6	203.3
3	2	0	99.1	103.7
4	2	0	171.2	180.0
5	2	0	162.0	163.9
6	2	0	47.3	39.3
7	2	0	217.8	217.5
8	2	0	440.0	444.5
9	2	0	86.6	72.7
10	2	0	302.9	320.6
11	2	0	61.1	57.1
12	2	0	65.9	74.0
13	2	0	87.8	93.2
14	2	0	133.7	143.9
15	2	0	51.5	34.1
16	2	0	506.7	526.3
17	2	0	75.1	58.7
18	2	0	162.7	159.0
19	2	0	46.3	20.0
20	2	0	394.6	410.6
21	2	0	53.0	25.5

H	K	L	FO	FC
16	2	2	129.8	128.1
17	2	2	18.0	4.5
18	2	2	20.1	12.9
19	2	2	28.3	26.2
20	2	2	26.5	24.0
21	2	2	74.5	54.9
22	2	2	358.6	365.5
23	2	2	76.5	74.5
24	2	2	66.1	68.0
25	2	2	39.3	16.4
26	2	2	230.0	235.2
27	2	2	52.5	44.6
28	2	2	49.6	44.1
29	2	2	40.1	36.5
30	2	2	28.4	26.2
31	2	2	19.6	7.4
32	2	2	55.6	57.4
33	2	2	20.2	20.4
34	2	2	20.9	9.2
-36	2	4	33.7	24.8
-35	2	4	14.3	15.2
-34	2	4	109.1	108.9
-33	2	4	47.4	49.5
-32	2	4	24.0	8.7
-31	2	4	106.5	108.9
-30	2	4	13.3	4.9
-29	2	4	22.2	27.2
-28	2	4	147.8	154.6
-27	2	4	15.1	21.4
-26	2	4	24.0	30.1
-25	2	4	107.6	110.4
-24	2	4	214.7	225.1
-23	2	4	12.4	4.1
-22	2	4	74.0	85.2
-21	2	4	69.7	77.9
-20	2	4	194.1	202.6
-19	2	4	105.1	102.1
-18	2	4	176.1	171.4
-17	2	4	11.2	1.3
-16	2	4	64.3	60.8
-15	2	4	137.7	137.4
-14	2	4	116.7	118.0
-13	2	4	163.3	162.7
-12	2	4	36.1	36.9
-11	2	4	40.7	37.6
-10	2	4	9.9	3.6
-9	2	4	152.9	137.9
-8	2	4	586.7	546.3
-7	2	4	75.0	74.5
-6	2	4	190.9	175.3
-5	2	4	121.3	108.9
-4	2	4	1675.9	1180.8
-3	2	4	103.8	100.0
-2	2	4	88.4	93.9
-1	2	4	99.3	106.3
0	2	4	62.7	71.7
1	2	4	18.4	14.7
2	2	4	158.5	177.2
3	2	4	78.3	86.7

H	K	L	FO	FC
-1	2	6	34.6	38.5
0	2	6	8.8	8.2
1	2	6	146.0	152.5
2	2	6	176.5	216.9
3	2	6	210.6	219.9
4	2	6	235.6	256.6
5	2	6	172.5	177.6
6	2	6	244.7	259.8
7	2	6	9.7	15.1
8	2	6	17.0	4.5
9	2	6	9.9	7.1
10	2	6	85.5	85.3
11	2	6	36.0	33.7
12	2	6	10.7	9.1
13	2	6	89.8	95.8
14	2	6	27.4	30.1
15	2	6	79.2	86.2
16	2	6	62.8	67.6
17	2	6	69.4	18.6
18	2	6	538.1	547.8
19	2	6	46.3	37.0
20	2	6	120.0	123.5
21	2	6	51.7	44.0
22	2	6	65.9	61.7
23	2	6	19.0	14.9
24	2	6	27.8	22.7
25	2	6	27.0	22.2
26	2	6	96.5	99.2
27	2	6	51.3	45.3
28	2	6	23.1	33.3
29	2	6	28.0	21.6
30	2	6	106.3	106.1
31	2	6	14.6	9.9
-36	2	8	67.6	74.2
-35	2	8	24.9	22.0
-34	2	8	14.1	5.2
-33	2	8	32.4	20.7
-32	2	8	103.1	97.6
-31	2	8	56.2	66.5
-30	2	8	80.6	69.5
-29	2	8	13.4	7.0
-28	2	8	66.4	59.9
-27	2	8	59.4	61.3
-26	2	8	64.7	67.1
-25	2	8	41.4	39.7
-24	2	8	53.1	46.5
-23	2	8	12.5	20.0
-22	2	8	110.1	104.4
-21	2	8	141.4	138.1
-20	2	8	181.2	173.5
-19	2	8	12.5	9.6
-18	2	8	147.6	142.1
-17	2	8	153.1	143.8
-16	2	8	209.6	206.9
-15	2	8	66.2	70.3
-14	2	8	298.2	272.5
-13	2	8	70.7	64.9
-12	2	8	531.8	487.2
-11	2	8	35.2	40.7

H	K	L	FO	FC
-12	2	10	172.6	171.6
-11	2	10	80.9	81.0
-10	2	10	30.0	22.3
-9	2	10	28.6	34.9
-8	2	10	267.0	245.6
-7	2	10	220.9	210.8
-6	2	10	480.8	481.7
-5	2	10	65.9	66.7
-4	2	10	208.1	220.7
-3	2	10	83.0	85.6
-2	2	10	46.9	53.0
-1	2	10	36.6	33.3
0	2	10	146.4	152.1
1	2	10	184.7	194.5
2	2	10	287.4	314.6
3	2	10	11.0	24.5
4	2	10	113.3	123.6
5	2	10	22.3	21.6
6	2	10	274.3	287.8
7	2	10	46.0	46.6
8	2	10	192.9	201.4
9	2	10	79.8	85.6
10	2	10	237.2	251.6
11	2	10	64.2	69.2
12	2	10	149.3	155.5
13	2	10	16.7	14.7
14	2	10	178.7	182.8
15	2	10	28.0	28.9
16	2	10	41.6	44.1
17	2	10	12.7	5.7
18	2	10	102.5	108.3
19	2	10	13.2	33.0
20	2	10	61.4	67.0
21	2	10	13.1	9.0
22	2	10	69.6	69.7
23	2	10	13.8	14.9
24	2	10	51.6	48.7
25	2	10	13.8	1.4
26	2	10	29.8	34.7
27	2	10	14.0	13.6
28	2	10	63.4	60.5
-35	2	12	60.3	54.6
-34	2	12	25.5	29.6
-33	2	12	45.7	48.2
-32	2	12	124.8	135.1
-31	2	12	14.6	14.7
-30	2	12	14.4	25.8
-29	2	12	40.9	43.2
-28	2	12	35.5	40.5
-27	2	12	13.9	5.6
-26	2	12	160.5	155.6
-25	2	12	40.8	39.5
-24	2	12	101.3	104.9
-23	2	12	135.5	140.3
-22	2	12	38.9	32.7
-21	2	12	24.6	10.9
-20	2	12	248.3	239.5
-19	2	12	107.3	106.2
-18	2	12	45.3	47.1

22	2	0	127.0	130.9	4	2	4	588.9	607.8	-10	2	8	101.6	92.9	-17	2	12	54.7	54.1
23	2	0	133.5	138.2	5	2	4	25.6	29.4	-9	2	8	18.9	19.9	-16	2	12	184.6	177.4
24	2	0	19.8	3.7	6	2	4	127.0	131.8	-8	2	8	366.0	354.6	-15	2	12	36.2	41.1
25	2	0	21.0	9.1	7	2	4	106.6	113.0	-7	2	8	27.2	21.7	-14	2	12	67.2	73.0
26	2	0	106.0	111.5	8	2	4	445.4	482.2	-6	2	8	233.6	236.6	-13	2	12	47.1	48.0
27	2	0	15.9	14.0	9	2	4	31.3	30.1	-5	2	8	46.8	48.5	-12	2	12	161.4	163.0
28	2	0	22.7	21.1	10	2	4	167.9	184.3	-4	2	8	54.2	64.1	-11	2	12	78.4	77.6
29	2	0	63.7	64.9	11	2	4	56.8	61.4	-3	2	8	102.9	104.6	-10	2	12	41.2	2.4
30	2	0	88.8	87.8	12	2	4	434.7	461.9	-2	2	8	17.5	12.1	-9	2	12	49.6	46.3
31	2	0	31.3	18.2	13	2	4	18.2	26.7	-1	2	8	14.6	7.3	-8	2	12	213.4	208.6
32	2	0	93.7	90.6	14	2	4	121.3	123.1	0	2	8	50.3	49.0	-7	2	12	91.3	95.5
33	2	0	17.8	11.9	15	2	4	43.3	52.2	1	2	8	73.8	80.0	-6	2	12	125.5	130.6
34	2	0	79.6	84.3	16	2	4	91.6	95.6	2	2	8	54.4	55.1	-5	2	12	42.6	45.5
35	2	0	47.0	31.7	17	2	4	71.0	74.8	3	2	8	16.0	18.0	-4	2	12	75.0	81.3
-35	2	2	27.1	18.5	18	2	4	32.2	34.7	4	2	8	639.7	656.8	-3	2	12	86.5	86.2
-34	2	2	36.7	37.0	19	2	4	50.6	44.8	5	2	8	10.4	3.0	-2	2	12	130.7	139.0
-33	2	2	41.6	47.8	20	2	4	116.2	112.1	6	2	8	32.8	31.3	-1	2	12	80.7	82.0
-32	2	2	32.5	32.8	21	2	4	77.9	73.0	7	2	8	93.0	99.8	0	2	12	215.7	233.7
-31	2	2	33.5	13.9	22	2	4	12.4	10.8	8	2	8	552.2	583.2	1	2	12	92.4	97.4
-30	2	2	243.5	246.6	23	2	4	24.1	6.1	9	2	8	11.1	2.2	2	2	12	151.0	159.8
-29	2	2	54.2	41.8	24	2	4	114.7	114.1	10	2	8	113.8	114.0	3	2	12	11.5	9.2
-28	2	2	45.8	43.1	25	2	4	40.5	39.3	11	2	8	27.6	26.3	4	2	12	107.0	124.2
-27	2	2	12.3	9.4	26	2	4	109.4	112.9	12	2	8	20.4	22.3	5	2	12	50.8	54.2
-26	2	2	12.3	6.5	27	2	4	37.1	30.9	13	2	8	32.4	34.6	6	2	12	123.8	129.3
-25	2	2	33.2	25.6	28	2	4	133.5	133.9	14	2	8	86.1	90.4	7	2	12	11.7	10.9
-24	2	2	161.4	161.3	29	2	4	34.2	26.0	15	2	8	16.0	38.1	8	2	12	124.6	123.0
-23	2	2	36.3	28.6	30	2	4	56.8	56.4	16	2	8	429.0	431.8	9	2	12	29.4	19.8
-22	2	2	63.8	64.0	31	2	4	35.3	25.3	17	2	8	50.8	67.5	10	2	12	41.7	40.7
-21	2	2	38.6	47.0	32	2	4	128.9	125.0	18	2	8	112.5	113.3	11	2	12	43.9	43.4
-20	2	2	74.2	75.5	33	2	4	31.9	13.7	19	2	8	49.5	49.4	12	2	12	47.0	47.7
-19	2	2	75.8	89.6	-36	2	6	85.5	87.5	20	2	8	82.6	82.4	13	2	12	52.3	51.6
-18	2	2	34.4	35.0	-35	2	6	15.0	19.5	21	2	8	48.6	54.7	14	2	12	82.1	83.1
-17	2	2	15.0	26.1	-34	2	6	143.4	144.1	22	2	8	57.2	56.7	15	2	12	66.5	63.8
-16	2	2	248.5	256.0	-33	2	6	14.4	15.6	23	2	8	31.1	25.7	16	2	12	194.0	198.6
-15	2	2	83.6	84.0	-32	2	6	51.3	55.1	24	2	8	91.8	91.9	17	2	12	30.8	43.9
-14	2	2	615.2	598.0	-31	2	6	104.8	105.8	25	2	8	30.7	25.4	18	2	12	132.4	131.1
-13	2	2	93.0	106.3	-30	2	6	26.3	39.5	26	2	8	44.3	49.3	19	2	12	35.1	12.3
-12	2	2	156.2	158.0	-29	2	6	12.8	9.3	27	2	8	37.7	27.6	20	2	12	206.4	197.9
-11	2	2	115.8	107.6	-28	2	6	25.6	21.5	28	2	8	136.2	130.5	21	2	12	14.7	6.4
-10	2	2	208.7	219.4	-27	2	6	55.9	57.8	29	2	8	14.7	23.8	22	2	12	96.4	86.4
-9	2	2	141.3	128.9	-26	2	6	108.5	107.0	30	2	8	40.5	42.0	23	2	12	32.9	34.3
-8	2	2	138.5	138.8	-25	2	6	40.4	41.7	-36	2	10	14.3	3.7	24	2	12	13.9	6.7
-7	2	2	80.0	76.6	-24	2	6	170.3	170.0	-35	2	10	27.8	25.0	25	2	12	14.2	8.5
-6	2	2	128.9	120.9	-23	2	6	36.8	43.2	-34	2	10	74.3	70.1	-34	2	14	51.8	51.1
-5	2	2	147.3	137.1	-22	2	6	30.4	36.0	-33	2	10	36.4	39.5	-33	2	14	38.5	41.9
-4	2	2	64.7	67.2	-21	2	6	19.4	17.4	-32	2	10	26.7	6.0	-32	2	14	70.3	68.0
-3	2	2	35.3	35.8	-20	2	6	67.9	63.2	-31	2	10	14.1	3.0	-31	2	14	14.5	14.5
-2	2	2	167.9	161.0	-19	2	6	148.9	142.6	-30	2	10	74.9	75.1	-30	2	14	126.7	125.4
-1	2	2	13.3	12.3	-18	2	6	419.1	406.8	-29	2	10	55.8	61.5	-29	2	14	33.0	36.1
0	2	2	30.6	33.6	-17	2	6	54.5	54.7	-28	2	10	13.5	18.3	-28	2	14	96.7	89.4
1	2	2	86.2	94.6	-16	2	6	326.3	322.8	-27	2	10	13.8	25.8	-27	2	14	39.5	41.5
2	2	2	26.6	12.6	-15	2	6	133.5	127.0	-26	2	10	109.8	108.4	-26	2	14	31.4	34.3
3	2	2	76.8	75.7	-14	2	6	92.6	92.1	-25	2	10	89.2	91.1	-25	2	14	13.4	5.2
4	2	2	190.9	202.8	-13	2	6	244.3	225.2	-24	2	10	120.4	112.3	-24	2	14	13.3	21.4
5	2	2	30.4	27.8	-12	2	6	348.1	317.7	-23	2	10	32.9	24.3	-23	2	14	140.2	142.8
6	2	2	1250.6	1173.5	-11	2	6	20.4	20.4	-22	2	10	331.9	321.3	-22	2	14	80.7	76.6
7	2	2	100.7	106.7	-10	2	6	255.8	240.4	-21	2	10	177.3	170.2	-21	2	14	13.0	6.4
8	2	2	171.1	181.2	-9	2	6	200.5	173.4	-20	2	10	61.2	61.9	-20	2	14	13.2	17.3
9	2	2	77.9	79.2	-8	2	6	46.3	43.9	-19	2	10	13.3	16.6	-19	2	14	20.0	24.6
10	2	2	377.1	401.0	-7	2	6	248.1	217.7	-18	2	10	224.5	220.1	-18	2	14	37.9	39.4
11	2	2	36.5	6.0	-6	2	6	76.3	73.6	-17	2	10	186.4	173.7	-17	2	14	83.1	83.6
12	2	2	56.7	52.0	-5	2	6	249.8	230.5	-16	2	10	13.0	17.0	-16	2	14	39.3	38.9
13	2	2	101.5	101.2	-4	2	6	351.8	362.3	-15	2	10	161.4	154.9	-15	2	14	12.6	5.0
14	2	2	176.6	194.8	-3	2	6	86.8	93.0	-14	2	10	219.8	218.7	-14	2	14	178.6	186.9
15	2	2	24.8	12.0	-2	2	6	544.8	568.9	-13	2	10	82.6	79.0	-13	2	14	134.9	134.9

ARROJADITE SHEET NO. 4 - 1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-12	2	14	256.0	250.8	3	2	18	55.7	55.0	-10	3	1	212.9	203.7	-25	3	5	211.5	207.1
-11	2	14	35.7	35.4	4	2	18	46.2	41.0	-9	3	1	35.6	40.5	-24	3	5	14.9	7.4
-10	2	14	198.4	201.1	5	2	18	13.6	24.6	-8	3	1	211.8	191.3	-23	3	5	12.0	3.5
-9	2	14	12.8	11.7	6	2	18	135.3	132.1	-7	3	1	115.1	109.6	-22	3	5	20.4	12.5
-8	2	14	42.4	37.7	7	2	18	40.8	40.3	-6	3	1	394.4	396.0	-21	3	5	28.4	29.5
-7	2	14	88.5	91.9	8	2	18	151.6	149.4	-5	3	1	122.3	126.1	-20	3	5	34.8	29.0
-6	2	14	183.5	195.1	9	2	18	34.8	30.7	-4	3	1	82.1	75.3	-19	3	5	65.6	68.3
-5	2	14	12.1	9.3	10	2	18	66.8	70.1	-3	3	1	54.8	51.4	-18	3	5	117.7	121.7
-4	2	14	299.9	304.7	11	2	18	13.8	11.1	-2	3	1	489.1	435.1	-17	3	5	151.7	149.9
-3	2	14	12.2	6.8	12	2	18	52.2	49.6	-1	3	1	105.3	88.6	-16	3	5	208.0	210.9
-2	2	14	309.4	320.1	13	2	18	13.7	13.4	0	3	1	202.7	222.1	-15	3	5	63.6	59.3
-1	2	14	34.1	35.4	14	2	18	24.3	22.8	1	3	1	181.8	185.3	-14	3	5	11.0	6.9
0	2	14	92.2	101.0	15	2	18	41.5	34.7	2	3	1	166.1	175.7	-13	3	5	36.4	41.3
1	2	14	51.4	53.4	16	2	18	44.8	38.1	3	3	1	113.7	119.8	-12	3	5	341.9	310.0
2	2	14	28.7	27.1	-28	2	20	98.1	105.0	4	3	1	353.4	381.0	-11	3	5	88.0	79.3
3	2	14	120.8	121.9	-27	2	20	44.3	53.3	5	3	1	110.9	110.3	-10	3	5	62.8	47.9
4	2	14	94.1	91.7	-26	2	20	67.0	67.3	6	3	1	20.3	29.1	-9	3	5	45.0	46.2
5	2	14	12.2	1.9	-25	2	20	19.3	15.9	7	3	1	175.7	184.3	-8	3	5	22.2	13.5
6	2	14	273.7	272.0	-24	2	20	62.6	63.7	8	3	1	100.3	96.0	-7	3	5	333.1	277.8
7	2	14	12.4	3.9	-23	2	20	13.5	9.9	9	3	1	64.7	67.9	-6	3	5	45.2	35.0
8	2	14	139.2	138.6	-22	2	20	53.3	59.7	10	3	1	66.3	61.4	-5	3	5	423.3	373.1
9	2	14	12.5	19.8	-21	2	20	13.8	26.6	11	3	1	25.5	14.8	-4	3	5	88.6	84.6
10	2	14	93.7	101.1	-20	2	20	137.6	144.3	12	3	1	397.1	413.3	-3	3	5	99.0	104.5
11	2	14	12.6	19.9	-19	2	20	21.5	21.5	13	3	1	116.8	125.3	-2	3	5	31.4	18.2
12	2	14	47.1	48.6	-18	2	20	43.3	39.5	14	3	1	181.7	204.0	-1	3	5	85.2	101.9
13	2	14	24.5	32.4	-17	2	20	54.4	59.5	15	3	1	95.0	96.9	0	3	5	303.4	332.9
14	2	14	217.9	212.7	-16	2	20	36.7	44.2	16	3	1	369.9	382.9	1	3	5	68.6	74.7
15	2	14	44.2	47.9	-15	2	20	69.3	67.6	17	3	1	49.5	25.2	2	3	5	104.8	111.3
16	2	14	13.1	8.9	-14	2	20	89.1	92.7	18	3	1	31.0	26.7	3	3	5	29.5	31.7
17	2	14	22.5	30.8	-13	2	20	67.5	67.9	19	3	1	87.8	90.8	4	3	5	36.0	50.7
18	2	14	128.0	126.2	-12	2	20	35.7	37.2	20	3	1	49.6	43.9	5	3	5	55.1	51.7
19	2	14	13.8	5.8	-11	2	20	23.6	16.1	21	3	1	47.8	41.8	6	3	5	19.9	6.9
20	2	14	24.8	23.0	-10	2	20	56.7	48.6	22	3	1	168.3	172.0	7	3	5	76.3	81.1
21	2	14	17.4	7.6	-9	2	20	24.3	28.5	23	3	1	91.4	86.6	8	3	5	187.7	197.3
22	2	14	124.5	120.0	-8	2	20	110.9	111.1	24	3	1	162.0	172.2	9	3	5	78.8	76.8
23	2	14	14.7	4.1	-7	2	20	13.5	3.2	25	3	1	32.6	11.5	10	3	5	175.7	186.7
-33	2	16	58.2	58.2	-6	2	20	44.7	46.4	26	3	1	25.2	22.2	11	3	5	32.2	21.1
-32	2	16	43.1	43.3	-5	2	20	92.2	89.8	27	3	1	93.7	98.7	12	3	5	66.4	61.9
-31	2	16	69.7	81.3	-4	2	20	13.4	18.3	28	3	1	74.2	73.5	13	3	5	10.9	4.1
-30	2	16	71.5	75.5	-3	2	20	13.5	5.5	29	3	1	26.6	20.3	14	3	5	147.9	159.2
-29	2	16	40.3	42.2	-2	2	20	33.6	29.5	30	3	1	26.4	13.9	15	3	5	56.5	63.1
-28	2	16	13.9	13.3	-1	2	20	27.0	26.1	31	3	1	14.1	24.8	16	3	5	52.0	55.1
-27	2	16	33.1	31.1	0	2	20	84.5	87.4	32	3	1	34.6	38.4	17	3	5	16.8	8.2
-26	2	16	59.3	60.9	1	2	20	46.4	46.6	33	3	1	33.6	27.6	18	3	5	12.1	16.0
-25	2	16	93.8	96.7	2	2	20	13.6	12.4	34	3	1	60.7	58.4	19	3	5	86.8	93.0
-24	2	16	29.3	30.1	3	2	20	28.0	23.1	-35	3	3	57.9	57.1	20	3	5	26.0	19.0
-23	2	16	42.8	38.0	4	2	20	58.2	50.2	-34	3	3	65.3	64.1	21	3	5	50.0	54.9
-22	2	16	13.2	13.5	5	2	20	14.0	7.0	-33	3	3	28.1	32.8	22	3	5	38.3	34.7
-21	2	16	72.5	71.3	6	2	20	35.0	39.1	-32	3	3	20.3	9.0	23	3	5	12.7	9.3
-20	2	16	182.2	194.1	7	2	20	58.9	55.3	-31	3	3	109.8	107.6	24	3	5	116.0	117.5
-19	2	16	13.1	15.8	8	2	20	14.0	10.6	-30	3	3	21.0	14.6	25	3	5	33.0	27.7
-18	2	16	59.8	60.1	9	2	20	33.6	31.5	-29	3	3	53.5	56.8	26	3	5	148.6	147.8
-17	2	16	103.5	106.1	10	2	20	131.8	120.7	-28	3	3	37.9	29.4	27	3	5	14.2	8.8
-16	2	16	80.1	87.0	11	2	20	41.1	38.5	-27	3	3	23.6	18.0	28	3	5	78.2	83.9
-15	2	16	12.6	10.1	12	2	20	54.6	44.5	-26	3	3	74.9	71.9	29	3	5	39.4	33.9
-14	2	16	81.3	75.4	-24	2	22	46.6	48.9	-25	3	3	53.8	54.1	30	3	5	29.9	20.2
-13	2	16	79.2	80.2	-23	2	22	13.5	13.0	-24	3	3	38.2	39.1	31	3	5	49.6	49.8
-12	2	16	194.9	206.9	-22	2	22	62.5	63.3	-23	3	3	99.7	104.0	32	3	5	14.5	7.0
-11	2	16	37.9	44.1	-21	2	22	75.5	85.5	-22	3	3	52.8	59.7	-36	3	7	14.6	4.5

-10	2	16	24.9	22.0	-20	2	22	22.3	11.4	-21	3	3	11.8	17.0	-35	3	7	83.1	85.0
-9	2	16	47.2	43.6	-19	2	22	20.0	26.4	-20	3	3	121.8	124.1	-34	3	7	14.3	17.7
-8	2	16	56.5	52.7	-18	2	22	68.2	71.4	-19	3	3	42.3	35.0	-33	3	7	14.0	5.6
-7	2	16	145.4	143.5	-17	2	22	21.4	27.6	-18	3	3	65.0	60.0	-32	3	7	14.3	19.9
-6	2	16	167.9	167.7	-16	2	22	60.7	62.9	-17	3	3	110.9	110.8	-31	3	7	110.8	114.0
-5	2	16	59.1	58.5	-15	2	22	42.7	40.6	-16	3	3	33.8	34.4	-30	3	7	105.7	102.5
-4	2	16	121.0	112.8	-14	2	22	13.5	9.8	-15	3	3	198.0	204.7	-29	3	7	13.5	15.6
-3	2	16	82.4	80.9	-13	2	22	32.1	30.9	-14	3	3	95.5	97.3	-28	3	7	44.4	44.5
-2	2	16	115.2	111.1	-12	2	22	53.7	55.3	-13	3	3	24.0	15.0	-27	3	7	21.9	21.2
-1	2	16	50.3	50.8	-11	2	22	14.0	7.9	-12	3	3	364.0	367.7	-26	3	7	61.0	62.7
0	2	16	124.8	120.7	-10	2	22	136.9	133.0	-11	3	3	310.3	296.9	-25	3	7	83.1	82.5
1	2	16	12.0	1.0	-9	2	22	58.2	57.4	-10	3	3	196.8	204.7	-24	3	7	12.7	15.7
2	2	16	95.1	96.8	-8	2	22	39.3	35.4	-9	3	3	161.6	157.6	-23	3	7	137.1	136.4
3	2	16	26.5	31.6	-7	2	22	14.3	7.3	-8	3	3	68.7	53.7	-22	3	7	91.5	83.4
4	2	16	204.1	202.5	-6	2	22	26.2	24.0	-7	3	3	108.2	113.4	-21	3	7	89.4	87.3
5	2	15	12.8	18.1	-5	2	22	62.4	56.2	-6	3	3	88.1	78.1	-20	3	7	34.3	36.6
6	2	16	31.5	32.9	-4	2	22	65.5	55.0	-5	3	3	10.1	9.6	-19	3	7	320.5	310.4
7	2	16	20.4	8.6	-3	2	22	13.9	6.2	-4	3	3	265.8	225.0	-18	3	7	31.5	20.7
8	2	16	71.0	68.9	-2	2	22	42.7	42.2	-3	3	3	117.0	99.8	-17	3	7	114.0	114.7
9	2	16	80.4	78.6	-1	2	22	14.0	8.9	-2	3	3	587.7	568.5	-16	3	7	227.4	220.6
10	2	16	139.8	138.6	0	2	22	20.7	13.1	-1	3	3	61.5	53.9	-15	3	7	111.5	105.6
11	2	16	64.3	63.8	1	2	22	73.8	68.5	0	3	3	349.0	382.9	-14	3	7	174.4	159.7
12	2	16	139.7	134.8	2	2	22	59.9	59.5	1	3	3	204.9	225.3	-13	3	7	12.3	8.0
13	2	16	13.5	12.4	3	2	22	26.0	23.2	2	3	3	285.1	313.9	-12	3	7	197.6	179.2
14	2	16	13.7	22.1	4	2	22	34.8	19.0	3	3	3	32.9	37.3	-11	3	7	206.3	182.9
15	2	16	13.6	8.8	5	2	22	14.3	7.9	4	3	3	149.4	160.7	-10	3	7	178.0	172.7
16	2	16	74.4	71.8	6	2	22	65.6	61.8	5	3	3	88.8	92.7	-9	3	7	40.4	32.7
17	2	16	16.0	10.0	-16	2	24	55.6	52.5	6	3	3	58.5	55.3	-8	3	7	106.5	117.5
18	2	16	104.2	101.6	-15	2	24	28.7	37.9	7	3	3	50.3	56.0	-7	3	7	222.0	216.3
19	2	16	15.0	24.9	-14	2	24	89.4	80.4	8	3	3	325.4	346.7	-6	3	7	36.6	30.8
20	2	16	88.8	84.4	-13	2	24	14.1	21.6	9	3	3	123.8	132.3	-5	3	7	14.8	2.1
-31	2	18	67.8	72.0	-12	2	24	59.9	59.3	10	3	3	173.7	194.2	-4	3	7	116.9	124.3
-30	2	18	24.0	29.5	-11	2	24	14.1	4.1	11	3	3	26.6	18.4	-3	3	7	84.0	90.0
-29	2	18	14.1	19.5	-10	2	24	44.2	36.2	12	3	3	207.2	208.2	-2	3	7	225.5	237.3
-28	2	18	58.4	60.9	-9	2	24	14.8	26.6	13	3	3	34.4	43.2	-1	3	7	182.4	184.4
-27	2	18	36.3	40.5	-8	2	24	67.4	66.3	14	3	3	274.6	295.3	0	3	7	319.7	355.4
-26	2	18	13.6	9.8	-7	2	24	15.3	14.7	15	3	3	52.0	57.8	1	3	7	196.9	209.3
-25	2	18	34.7	36.2	-6	2	24	143.1	131.7	16	3	3	38.0	37.0	2	3	7	344.0	373.7
-24	2	18	13.7	17.6	-5	2	24	33.0	33.4	17	3	3	31.4	31.9	3	3	7	9.6	3.5
-23	2	18	13.4	4.3	-4	2	24	22.1	11.4	18	3	3	115.7	123.9	4	3	7	119.0	121.1
-22	2	18	179.4	191.3	-35	3	1	32.3	26.6	19	3	3	61.7	62.9	5	3	7	10.2	5.0
-21	2	18	13.4	8.3	-34	3	1	24.0	20.8	20	3	3	122.8	129.2	6	3	7	150.3	152.9
-20	2	18	117.8	118.9	-33	3	1	26.1	20.3	21	3	3	137.9	143.4	7	3	7	17.7	14.7
-19	2	18	13.2	1.5	-32	3	1	25.6	26.2	22	3	3	137.9	139.0	8	3	7	10.4	4.1
-18	2	18	46.7	44.0	-31	3	1	19.9	4.3	23	3	3	12.8	25.0	9	3	7	20.8	19.8
-17	2	18	12.9	11.5	-30	3	1	142.1	140.9	24	3	3	93.3	95.4	10	3	7	319.7	344.5
-16	2	18	161.1	162.5	-29	3	1	96.0	91.6	25	3	3	66.6	62.8	11	3	7	38.7	45.5
-15	2	18	71.1	78.9	-28	3	1	79.5	79.3	26	3	3	81.1	76.1	12	3	7	198.4	220.6
-14	2	18	13.0	5.0	-27	3	1	12.3	7.4	27	3	3	13.4	5.9	13	3	7	56.0	53.3
-13	2	18	46.2	48.2	-26	3	1	103.8	105.2	28	3	3	13.4	2.9	14	3	7	51.2	47.4
-12	2	18	24.7	10.0	-25	3	1	18.2	19.7	29	3	3	43.8	45.7	15	3	7	69.3	69.1
-11	2	18	43.4	35.4	-24	3	1	80.7	77.4	30	3	3	69.0	69.6	16	3	7	190.6	202.5
-10	2	18	150.5	144.6	-23	3	1	28.7	22.7	31	3	3	13.9	7.3	17	3	7	50.1	63.0
-9	2	18	58.6	56.2	-22	3	1	11.7	20.9	32	3	3	31.0	25.8	18	3	7	37.2	33.2
-8	2	18	101.2	101.6	-21	3	1	79.4	80.7	33	3	3	76.4	78.5	19	3	7	31.1	29.7
-7	2	18	97.3	90.2	-20	3	1	64.8	69.4	-36	3	5	80.6	77.2	20	3	7	84.4	87.5
-6	2	18	25.8	11.2	-19	3	1	33.6	38.9	-35	3	5	51.6	46.6	21	3	7	36.3	40.3
-5	2	18	26.8	29.2	-18	3	1	50.3	58.3	-34	3	5	22.9	30.5	22	3	7	50.4	55.6
-4	2	18	27.2	25.8	-17	3	1	52.0	47.5	-33	3	5	14.2	28.4	23	3	7	43.8	44.9
-3	2	18	32.1	35.7	-16	3	1	166.4	161.7	-32	3	5	41.2	44.4	24	3	7	36.4	39.2
-2	2	18	127.1	127.4	-15	3	1	35.7	38.0	-31	3	5	32.3	36.1	25	3	7	67.9	59.2
-1	2	18	37.4	39.2	-14	3	1	187.0	181.2	-29	3	5	76.4	84.0	26	3	7	203.7	194.4
0	2	18	192.5	188.4	-13	3	1	59.9	67.7	-28	3	5	132.6	134.6	27	3	7	23.5	6.9
1	2	18	35.9	36.0	-12	3	1	230.8	236.7	-27	3	5	13.5	13.5	28	3	7	31.4	33.4
2	2	18	73.6	80.0	-11	3	1	104.1	111.2	-26	3	5	187.0	192.9	29	3	7	20.6	13.3

ARROJADITE SHEET NO. 5 - 1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
30	3	7	46.4	45.3	23	3	11	13.8	14.1	-25	3	17	177.3	187.8	-15	3	23	101.9	105.9
-36	3	9	41.1	39.4	24	3	11	49.7	49.2	-24	3	17	36.4	30.5	-14	3	23	28.1	18.2
-35	3	9	70.5	70.2	25	3	11	14.0	2.6	-23	3	17	34.7	38.7	-13	3	23	71.0	66.1
-34	3	9	22.9	35.0	26	3	11	27.9	21.1	-22	3	17	13.2	18.4	-12	3	23	78.8	75.6
-33	3	9	192.2	194.0	-34	3	13	14.8	5.8	-21	3	17	29.4	32.9	-11	3	23	70.0	63.7
-32	3	9	42.6	61.6	-33	3	13	23.8	31.8	-20	3	17	42.1	44.0	-10	3	23	60.9	61.6
-31	3	9	14.2	14.9	-32	3	13	14.6	15.6	-19	3	17	42.3	42.3	-9	3	23	134.2	122.5
-30	3	9	112.7	107.2	-31	3	13	63.3	70.2	-18	3	17	30.5	20.5	-8	3	23	15.1	3.8
-29	3	9	140.9	148.2	-30	3	13	14.6	13.4	-17	3	17	40.4	38.5	-7	3	23	154.8	141.9
-28	3	9	24.9	25.3	-29	3	13	27.7	15.3	-16	3	17	13.2	22.1	-6	3	23	14.5	11.5
-27	3	9	51.2	56.4	-28	3	13	32.1	20.6	-15	3	17	12.8	14.9	-5	3	23	37.8	31.9
-26	3	9	103.7	109.3	-27	3	13	14.1	10.0	-14	3	17	52.9	48.0	-4	3	23	14.1	4.6
-25	3	9	122.0	123.5	-26	3	13	21.0	12.9	-13	3	17	59.8	60.0	-3	3	23	14.5	22.6
-24	3	9	179.3	175.9	-25	3	13	13.7	16.8	-12	3	17	136.4	143.6	-2	3	23	26.3	27.8
-23	3	9	79.6	73.0	-24	3	13	19.7	26.8	-11	3	17	149.6	147.5	-1	3	23	69.8	66.4
-22	3	9	84.4	82.9	-23	3	13	100.0	100.2	-10	3	17	27.8	27.7	0	3	23	14.6	1.7
-21	3	9	82.6	78.9	-22	3	13	101.4	110.6	-9	3	17	236.6	234.5	1	3	23	71.9	67.0
-20	3	9	78.3	65.7	-21	3	13	280.3	281.0	-8	3	17	150.2	146.8	0	4	0	803.7	877.2
-19	3	9	65.3	58.6	-20	3	13	85.6	87.9	-7	3	17	92.1	88.7	1	4	0	92.0	97.2
-18	3	9	83.9	73.6	-19	3	13	13.0	6.4	-6	3	17	69.5	62.9	2	4	0	129.2	127.4
-17	3	9	143.5	141.5	-18	3	13	99.1	96.5	-5	3	17	90.7	91.1	3	4	0	72.3	80.3
-16	3	9	13.0	10.0	-17	3	13	12.6	5.8	-4	3	17	99.6	105.1	4	4	0	214.4	237.4
-15	3	9	52.8	51.7	-16	3	13	102.3	106.7	-3	3	17	23.5	28.9	5	4	0	291.9	284.2
-14	3	9	325.2	305.3	-15	3	13	136.3	131.7	-2	3	17	35.9	41.3	6	4	0	250.4	257.2
-13	3	9	386.6	364.2	-14	3	13	118.9	129.3	-1	3	17	38.1	37.1	7	4	0	141.4	136.1
-12	3	9	292.2	286.8	-13	3	13	12.5	11.7	0	3	17	107.9	109.7	8	4	0	305.1	320.8
-11	3	9	118.7	112.7	-12	3	13	163.0	164.2	1	3	17	105.8	100.8	9	4	0	47.8	42.9
-10	3	9	291.1	282.1	-11	3	13	45.4	44.4	2	3	17	85.0	86.3	10	4	0	49.3	50.3
-9	3	9	133.2	129.3	-10	3	13	193.0	187.5	3	3	17	91.8	89.2	11	4	0	9.7	10.3
-8	3	9	109.7	113.4	-9	3	13	51.9	46.4	4	3	17	43.8	50.9	12	4	0	101.4	108.1
-7	3	9	112.8	107.1	-8	3	13	43.4	44.7	5	3	17	66.9	74.7	13	4	0	14.0	4.5
-6	3	9	119.5	122.0	-7	3	13	105.3	108.6	6	3	17	32.1	35.1	14	4	0	125.6	125.7
-5	3	9	11.3	15.8	-6	3	13	130.8	126.3	7	3	17	71.8	70.3	15	4	0	143.5	149.2
-4	3	9	230.0	250.1	-5	3	13	69.3	72.4	8	3	17	56.4	52.5	16	4	0	135.5	143.9
-3	3	9	90.8	89.3	-4	3	13	111.7	112.8	9	3	17	63.7	67.0	17	4	0	44.0	41.7
-2	3	9	171.3	169.1	-3	3	13	192.2	198.1	10	3	17	59.5	58.3	18	4	0	44.0	43.3
-1	3	9	89.1	93.8	-2	3	13	51.4	55.5	11	3	17	85.0	77.7	19	4	0	27.2	24.5
0	3	9	166.5	182.6	-1	3	13	281.9	294.4	12	3	17	13.8	3.6	20	4	0	221.0	223.9
1	3	9	159.9	166.4	0	3	13	146.3	155.8	13	3	17	13.9	3.4	21	4	0	45.9	25.8
2	3	9	326.6	347.9	1	3	13	31.2	34.3	14	3	17	28.6	22.7	22	4	0	203.8	210.7
3	3	9	167.3	180.9	2	3	13	49.8	53.9	15	3	17	13.8	11.8	23	4	0	46.3	42.1
4	3	9	200.5	211.4	3	3	13	42.3	42.9	16	3	17	44.9	41.9	24	4	0	38.1	39.4
5	3	9	11.0	15.7	4	3	13	120.8	119.4	17	3	17	36.2	40.0	25	4	0	66.6	68.7
6	3	9	53.4	48.2	5	3	13	50.4	48.8	-29	3	19	22.3	9.1	26	4	0	26.2	26.9
7	3	9	41.2	40.1	6	3	13	130.8	136.2	-28	3	19	13.8	20.6	27	4	0	48.1	48.2
8	3	9	67.7	66.3	7	3	13	71.1	74.4	-27	3	19	68.3	72.5	28	4	0	35.4	31.0
9	3	9	76.8	78.3	8	3	13	110.6	117.4	-26	3	19	14.0	7.8	29	4	0	103.1	101.8
10	3	9	31.9	37.9	9	3	13	32.0	33.5	-25	3	19	120.8	131.2	30	4	0	114.6	110.1
11	3	9	20.6	18.3	10	3	13	104.4	103.5	-24	3	19	54.3	65.9	31	4	0	33.8	28.0
12	3	9	106.2	115.4	11	3	13	41.1	47.4	-23	3	19	177.9	189.4	32	4	0	13.9	2.7
13	3	9	24.8	24.0	12	3	13	146.4	141.8	-22	3	19	56.2	53.9	33	4	0	18.3	7.4
14	3	9	51.5	48.7	13	3	13	23.6	22.8	-21	3	19	23.3	18.4	34	4	0	40.0	35.8
15	3	9	11.8	3.4	14	3	13	148.7	149.7	-20	3	19	47.7	47.7	-35	4	2	32.7	29.5
16	3	9	84.7	93.1	15	3	13	84.2	88.7	-19	3	19	150.7	156.7	-34	4	2	60.7	60.0
17	3	9	26.3	29.6	16	3	13	27.4	18.7	-18	3	19	52.5	58.3	-33	4	2	28.4	25.7
18	3	9	12.1	9.0	17	3	13	13.3	10.0	-17	3	19	23.9	27.2	-32	4	2	30.8	33.1
19	3	9	12.1	8.2	18	3	13	31.2	32.1	-16	3	19	13.1	4.5	-31	4	2	14.2	19.7
20	3	9	40.3	35.3	19	3	13	13.5	2.5	-15	3	19	35.8	31.3	-30	4	2	154.5	156.5
21	3	9	46.0	47.0	20	3	13	35.6	34.9	-14	3	19	107.8	104.3	-29	4	2	58.4	48.4

22	3	9	67.5	63.5	21	3	13	33.2	40.9	-13	3	19	21.2	7.7	-28	4	2	108.4	116.1
23	3	9	13.5	6.2	22	3	13	136.7	133.4	-12	3	19	65.2	66.9	-27	4	2	86.4	83.1
24	3	9	28.7	29.3	23	3	13	14.6	5.8	-11	3	19	52.4	46.7	-26	4	2	187.7	186.2
25	3	9	36.9	35.0	24	3	13	41.0	41.2	-10	3	19	78.3	72.8	-25	4	2	45.7	42.3
26	3	9	42.5	41.2	-33	3	15	53.9	55.5	-9	3	19	13.4	2.5	-24	4	2	42.0	31.3
27	3	9	13.9	1.6	-32	3	15	14.7	20.7	-8	3	19	21.4	9.9	-23	4	2	57.2	56.7
28	3	9	32.5	25.4	-31	3	15	180.0	184.1	-7	3	19	13.3	13.3	-22	4	2	56.3	53.3
-35	3	11	14.6	4.0	-30	3	15	49.6	60.5	-6	3	19	13.4	20.3	-21	4	2	98.5	98.1
-34	3	11	48.9	45.0	-29	3	15	53.3	58.6	-5	3	19	75.6	76.3	-20	4	2	186.1	187.1
-33	3	11	32.0	24.3	-28	3	15	113.8	120.7	-4	3	19	57.0	56.2	-19	4	2	109.0	122.3
-32	3	11	14.6	13.3	-27	3	15	35.0	32.0	-3	3	19	140.1	134.8	-18	4	2	59.0	58.0
-31	3	11	14.1	9.2	-26	3	15	25.3	19.3	-2	3	19	71.6	66.4	-17	4	2	183.2	184.4
-30	3	11	14.2	19.6	-25	3	15	58.2	58.1	-1	3	19	42.8	39.6	-16	4	2	105.0	106.2
-29	3	11	58.1	54.7	-24	3	15	21.9	28.9	0	3	19	84.0	76.2	-15	4	2	27.3	3.9
-28	3	11	27.2	32.0	-23	3	15	13.4	19.3	1	3	19	52.6	51.7	-14	4	2	449.2	458.2
-27	3	11	173.9	168.6	-22	3	15	96.4	96.6	2	3	19	43.5	38.9	-13	4	2	107.7	110.1
-26	3	11	97.7	86.5	-21	3	15	19.6	11.5	3	3	19	52.5	54.8	-12	4	2	35.9	29.2
-25	3	11	13.6	14.3	-20	3	15	12.9	1.9	4	3	19	92.2	82.4	-11	4	2	235.1	221.5
-24	3	11	13.5	4.9	-19	3	15	80.6	83.1	5	3	19	13.8	19.6	-10	4	2	685.5	675.6
-23	3	11	157.0	147.3	-18	3	15	98.6	101.2	6	3	19	13.9	16.4	-9	4	2	224.5	219.3
-22	3	11	110.9	107.3	-17	3	15	209.9	221.3	7	3	19	86.1	80.1	-8	4	2	256.9	252.2
-21	3	11	21.8	9.7	-16	3	15	13.0	7.7	8	3	19	14.0	14.6	-7	4	2	9.5	11.2
-20	3	11	111.9	104.8	-15	3	15	320.6	325.7	9	3	19	116.5	109.8	-6	4	2	117.6	118.9
-19	3	11	125.0	119.1	-14	3	15	167.1	168.0	10	3	19	91.0	86.6	-5	4	2	52.3	45.4
-18	3	11	126.0	109.8	-13	3	15	46.8	45.7	11	3	19	54.7	50.7	-4	4	2	54.7	71.4
-17	3	11	12.9	6.6	-12	3	15	109.6	105.5	12	3	19	48.2	38.7	-3	4	2	54.4	37.7
-16	3	11	177.7	163.5	-11	3	15	118.4	116.5	13	3	19	14.2	8.7	-2	4	2	142.6	145.4
-15	3	11	55.7	59.1	-10	3	15	83.1	78.7	-25	3	21	13.9	20.8	-1	4	2	81.1	83.6
-14	3	11	27.1	41.9	-9	3	15	12.9	14.2	-24	3	21	13.5	11.4	0	4	2	39.0	45.7
-13	3	11	20.2	12.3	-8	3	15	53.8	49.8	-23	3	21	60.7	66.3	1	4	2	16.2	23.0
-12	3	11	114.6	120.1	-7	3	15	12.4	9.0	-22	3	21	13.6	1.5	2	4	2	140.4	166.6
-11	3	11	64.7	69.1	-6	3	15	52.9	61.4	-21	3	21	98.9	105.5	3	4	2	110.4	112.8
-10	3	11	22.9	15.1	-5	3	15	21.1	14.1	-20	3	21	13.4	4.7	4	4	2	111.8	121.3
-9	3	11	230.1	220.5	-4	3	15	151.3	148.9	-19	3	21	82.6	86.2	5	4	2	16.7	28.1
-8	3	11	91.2	90.8	-3	3	15	126.8	127.2	-18	3	21	47.0	39.4	6	4	2	42.5	65.4
-7	3	11	359.4	351.2	-2	3	15	137.7	145.1	-17	3	21	124.9	129.5	7	4	2	53.6	56.1
-6	3	11	68.5	66.2	-1	3	15	94.7	93.3	-16	3	21	70.9	75.1	8	4	2	73.6	85.5
-5	3	11	118.5	118.5	0	3	15	29.5	30.1	-15	3	21	23.0	22.4	9	4	2	103.5	111.5
-4	3	11	25.3	28.2	1	3	15	112.7	117.9	-14	3	21	27.1	20.6	10	4	2	166.2	187.2
-3	3	11	103.2	105.8	2	3	15	35.1	39.4	-13	3	21	103.7	104.8	11	4	2	32.7	38.0
-2	3	11	117.5	124.2	3	3	15	23.3	22.6	-12	3	21	30.9	26.4	12	4	2	43.2	50.7
-1	3	11	41.3	47.4	4	3	15	21.1	14.1	-11	3	21	50.7	54.0	13	4	2	24.4	14.8
0	3	11	191.5	205.1	5	3	15	71.5	69.8	-10	3	21	39.4	28.1	14	4	2	15.6	10.2
1	3	11	65.6	68.1	6	3	15	42.2	44.7	-9	3	21	14.2	5.3	15	4	2	139.4	143.5
2	3	11	239.6	261.2	7	3	15	12.2	6.5	-8	3	21	51.1	53.5	16	4	2	23.2	28.7
3	3	11	71.2	73.9	8	3	15	24.8	24.7	-7	3	21	106.8	103.9	17	4	2	47.4	47.8
4	3	11	146.9	159.7	9	3	15	59.6	60.5	-6	3	21	27.8	29.9	18	4	2	40.0	42.8
5	3	11	51.9	52.0	10	3	15	12.4	3.1	-5	3	21	139.7	132.0	19	4	2	68.1	68.3
6	3	11	69.9	72.0	11	3	15	27.8	32.6	-4	3	21	57.7	55.9	20	4	2	173.6	179.8
7	3	11	100.8	100.9	12	3	15	158.6	150.0	-3	3	21	72.9	66.6	21	4	2	48.6	48.6
8	3	11	11.7	9.3	13	3	15	13.3	20.8	-2	3	21	55.4	49.5	22	4	2	116.2	127.4
9	3	11	124.6	129.3	14	3	15	81.1	77.7	-1	3	21	32.9	34.6	23	4	2	12.6	16.0
10	3	11	83.0	90.8	15	3	15	13.6	19.8	0	3	21	78.5	78.1	24	4	2	71.8	70.2
11	3	11	21.6	23.9	16	3	15	102.5	100.1	1	3	21	111.3	103.9	25	4	2	41.0	35.2
12	3	11	150.9	156.3	17	3	15	33.7	32.7	2	3	21	54.6	51.7	26	4	2	136.8	144.6
13	3	11	43.9	43.7	18	3	15	16.0	34.9	3	3	21	132.5	122.7	27	4	2	31.0	31.5
14	3	11	90.8	96.3	19	3	15	83.9	77.7	4	3	21	14.3	2.3	28	4	2	13.3	11.6
15	3	11	26.1	24.4	20	3	15	37.2	39.1	5	3	21	55.9	49.6	29	4	2	46.1	46.0
16	3	11	88.5	89.2	21	3	15	40.6	34.0	6	3	21	51.2	40.7	30	4	2	20.4	5.3
17	3	11	19.3	18.9	-31	3	17	88.6	96.3	7	3	21	42.2	34.0	31	4	2	61.7	57.0
18	3	11	127.1	121.4	-30	3	17	14.1	6.9	8	3	21	57.0	60.3	32	4	2	143.7	139.5
19	3	11	13.6	18.1	-29	3	17	100.1	104.8	-19	3	23	14.1	13.1	33	4	2	56.0	51.5
20	3	11	61.7	59.1	-28	3	17	59.1	55.3	-18	3	23	127.9	127.5	-35	4	4	26.6	27.1
21	3	11	13.5	12.1	-27	3	17	80.3	83.8	-17	3	23	67.6	63.3	-34	4	4	27.8	18.6
22	3	11	56.9	58.8	-26	3	17	13.6	3.6	-16	3	23	22.0	30.2	-33	4	4	129.9	136.2

ARROJADITE SHEET NO. 6 - 1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-32	4	4	26.1	28.2	24	4	6	81.7	79.0	17	4	10	59.6	58.5	21	4	14	26.8	26.9
-31	4	4	56.2	54.9	25	4	6	100.4	100.8	18	4	10	12.6	15.0	22	4	14	71.0	70.5
-30	4	4	140.2	140.8	26	4	6	54.9	55.2	19	4	10	30.2	26.3	-31	4	16	25.8	30.5
-29	4	4	34.5	42.7	27	4	6	35.1	30.5	20	4	10	13.3	2.6	-30	4	16	59.6	55.7
-28	4	4	36.2	35.0	28	4	6	37.4	28.1	21	4	10	29.3	30.1	-29	4	16	14.2	4.6
-27	4	4	128.7	129.4	29	4	6	14.1	5.3	22	4	10	212.4	212.7	-28	4	16	118.4	126.6
-26	4	4	31.0	35.5	30	4	6	52.8	50.4	23	4	10	24.3	32.5	-27	4	16	94.9	103.7
-25	4	4	61.6	59.5	-35	4	8	45.0	54.0	24	4	10	41.0	41.8	-26	4	16	99.3	99.7
-24	4	4	230.8	234.4	-34	4	8	51.5	54.2	25	4	10	35.8	36.9	-25	4	16	43.5	42.6
-23	4	4	89.5	101.6	-33	4	8	37.7	30.7	26	4	10	46.5	40.4	-24	4	16	179.6	186.5
-22	4	4	86.8	88.6	-32	4	8	28.5	29.9	27	4	10	35.2	32.9	-23	4	16	55.7	54.9
-21	4	4	65.3	60.9	-31	4	8	106.9	104.9	-34	4	12	84.3	83.2	-22	4	16	126.7	127.3
-20	4	4	122.0	122.9	-30	4	8	13.9	5.8	-33	4	12	70.4	69.6	-21	4	16	19.4	11.1
-19	4	4	12.2	16.9	-29	4	8	14.1	23.1	-32	4	12	15.2	25.5	-20	4	16	30.9	31.7
-18	4	4	253.0	258.1	-28	4	8	201.3	207.2	-31	4	12	26.9	29.0	-19	4	16	13.3	31.4
-17	4	4	157.0	154.8	-27	4	8	27.8	31.1	-30	4	12	14.5	1.6	-18	4	16	69.6	73.2
-16	4	4	55.2	56.7	-26	4	8	58.4	62.0	-29	4	12	101.4	98.1	-17	4	16	130.4	132.9
-15	4	4	139.3	139.3	-25	4	8	135.4	135.5	-28	4	12	134.7	124.0	-16	4	16	87.1	82.6
-14	4	4	136.7	132.1	-24	4	8	48.8	62.0	-27	4	12	100.5	97.5	-15	4	16	44.1	45.7
-13	4	4	53.8	41.7	-23	4	8	103.8	106.6	-26	4	12	53.3	54.8	-14	4	16	12.6	3.4
-12	4	4	123.7	107.4	-22	4	8	21.6	20.7	-25	4	12	48.3	43.4	-13	4	16	29.3	28.5
-11	4	4	308.9	295.1	-21	4	8	145.8	148.8	-24	4	12	13.7	11.3	-12	4	16	12.8	16.7
-10	4	4	436.6	413.9	-20	4	8	68.5	72.3	-23	4	12	37.3	35.8	-11	4	16	142.2	141.7
-9	4	4	122.8	108.0	-19	4	8	182.9	180.3	-22	4	12	77.4	75.7	-10	4	16	35.8	36.9
-8	4	4	455.4	423.5	-18	4	8	185.5	179.9	-21	4	12	105.9	96.4	-9	4	16	44.2	46.2
-7	4	4	47.9	46.6	-17	4	8	33.2	33.6	-20	4	12	31.1	25.0	-8	4	16	46.8	46.7
-6	4	4	174.9	145.1	-16	4	8	12.8	0.8	-19	4	12	192.6	191.9	-7	4	16	49.7	55.2
-5	4	4	45.6	40.1	-15	4	8	37.1	24.0	-18	4	12	154.0	146.8	-6	4	16	140.6	142.2
-4	4	4	379.0	341.5	-14	4	8	155.9	140.2	-17	4	12	27.0	30.8	-5	4	16	26.8	37.8
-3	4	4	97.7	102.1	-13	4	8	140.1	121.5	-16	4	12	242.6	247.4	-4	4	16	172.0	180.4
-2	4	4	264.2	266.8	-12	4	8	246.0	226.3	-15	4	12	130.1	128.9	-3	4	16	81.9	79.0
-1	4	4	20.9	27.2	-11	4	8	59.7	56.8	-14	4	12	93.4	[illegible]	-2	4	16	42.8	44.9
0	4	4	234.6	256.6	-10	4	8	43.7	49.9	-13	4	12	135.3	134.6	-1	4	16	91.7	93.0
1	4	4	91.4	94.1	-9	4	8	118.8	116.3	-12	4	12	172.6	177.8	0	4	16	52.7	57.0
2	4	4	84.1	90.2	-8	4	8	105.0	95.4	-11	4	12	12.4	3.8	1	4	16	43.1	42.7
3	4	4	132.5	141.4	-7	4	8	236.5	218.4	-10	4	12	25.5	9.5	2	4	16	166.9	167.8
4	4	4	318.3	328.7	-6	4	8	183.6	186.3	-9	4	12	72.0	71.5	3	4	16	12.7	18.9
5	4	4	29.2	30.5	-5	4	8	95.1	100.9	-8	4	12	156.0	153.8	4	4	16	150.1	151.7
6	4	4	251.6	273.5	-4	4	8	282.7	305.2	-7	4	12	45.2	46.7	5	4	16	45.9	46.6
7	4	4	156.8	168.3	-3	4	8	179.1	186.4	-6	4	12	244.8	257.0	6	4	16	85.0	91.2
8	4	4	76.9	79.1	-2	4	8	61.2	69.9	-5	4	12	63.0	65.2	7	4	16	26.4	15.8
9	4	4	87.2	93.8	-1	4	8	185.2	195.3	-4	4	12	26.4	11.0	8	4	16	31.7	39.0
10	4	4	127.1	130.5	0	4	8	279.3	295.7	-3	4	12	133.9	138.3	9	4	16	21.9	10.6
11	4	4	104.3	115.1	1	4	8	52.8	58.5	-2	4	12	11.7	13.5	10	4	16	13.2	11.0
12	4	4	549.7	564.5	2	4	8	342.1	378.5	-1	4	12	65.6	71.7	11	4	16	72.6	71.4
13	4	4	40.1	55.9	3	4	8	21.6	23.6	0	4	12	228.6	231.2	12	4	16	129.3	126.1
14	4	4	30.4	22.3	4	4	8	311.6	325.5	1	4	12	11.5	11.1	13	4	16	74.1	71.3
15	4	4	31.8	31.5	5	4	8	136.6	143.3	2	4	12	88.9	90.7	14	4	16	96.5	89.3
16	4	4	86.9	95.7	6	4	8	76.3	85.3	3	4	12	41.7	48.8	15	4	16	14.0	16.8
17	4	4	69.3	71.1	7	4	8	62.1	70.7	4	4	12	137.2	141.3	16	4	16	64.9	63.5
18	4	4	41.2	39.3	8	4	8	84.4	95.4	5	4	12	45.0	43.4	17	4	16	33.8	27.5
19	4	4	137.8	139.0	9	4	8	113.6	118.9	6	4	12	98.8	102.4	18	4	16	62.3	55.9
20	4	4	178.3	179.0	10	4	8	49.3	49.9	7	4	12	106.7	109.7	-29	4	18	34.3	42.2
21	4	4	37.4	24.2	11	4	8	80.5	83.4	8	4	12	116.1	117.8	-28	4	18	13.7	15.6
22	4	4	45.8	48.3	12	4	8	96.2	95.2	9	4	12	59.1	62.2	-27	4	18	73.7	72.4
23	4	4	44.1	44.3	13	4	8	11.4	0.7	10	4	12	89.9	96.1	-26	4	18	14.1	21.3
24	4	4	69.5	74.2	14	4	8	33.1	28.0	11	4	12	49.6	50.7	-25	4	18	100.0	104.0
25	4	4	24.5	26.0	15	4	8	65.5	71.2	12	4	12	169.1	168.8	-24	4	18	9.4	52.8
26	4	4	20.1	16.7	16	4	8	72.5	67.6	13	4	12	25.5	20.8	-23	4	18	13.6	15.3

27	4	4	30.0	15.6	17	4	8	26.2	12.8	14	4	12	44.3	43.5	-22	4	18	44.9	48.5
28	4	4	134.0	129.6	18	4	8	185.9	186.1	15	4	12	12.7	8.6	-21	4	18	67.5	69.6
29	4	4	24.7	27.1	19	4	8	16.2	37.1	16	4	12	98.7	96.2	-20	4	18	24.4	24.3
30	4	4	103.0	96.6	20	4	8	24.3	22.0	17	4	12	13.1	15.4	-19	4	18	36.4	39.6
31	4	4	44.1	46.6	21	4	8	13.1	1.1	18	4	12	13.5	19.5	-18	4	18	51.3	57.7
32	4	4	107.7	105.5	22	4	8	134.9	135.4	19	4	12	13.5	24.2	-17	4	18	75.8	74.9
-35	4	6	14.4	3.3	23	4	8	23.1	4.1	20	4	12	13.5	8.9	-16	4	18	44.0	44.3
-34	4	6	51.6	45.1	24	4	8	271.1	262.1	21	4	12	45.9	43.6	-15	4	18	112.4	113.8
-33	4	6	102.1	104.3	25	4	8	79.2	78.0	22	4	12	13.9	8.5	-14	4	18	124.5	131.3
-32	4	6	36.3	41.8	26	4	8	75.8	67.2	23	4	12	14.1	18.2	-13	4	18	29.9	27.9
-31	4	6	81.6	80.2	27	4	8	39.6	39.4	24	4	12	47.1	41.9	-12	4	18	51.8	48.7
-30	4	6	13.8	9.9	28	4	8	30.4	25.5	-33	4	14	61.6	66.9	-11	4	18	171.7	169.8
-29	4	6	13.4	6.4	29	4	8	14.3	8.6	-32	4	14	42.6	42.7	-10	4	18	66.3	70.4
-28	4	6	61.3	58.9	-35	4	10	127.5	130.5	-31	4	14	14.5	20.8	-9	4	18	39.7	41.9
-27	4	6	66.1	70.5	-34	4	10	15.0	9.8	-30	4	14	14.7	27.9	-8	4	18	62.1	55.5
-26	4	6	13.3	7.5	-33	4	10	26.0	33.7	-29	4	14	62.5	59.3	-7	4	18	35.1	31.5
-25	4	6	179.7	185.9	-32	4	10	155.2	162.1	-28	4	14	14.4	12.3	-6	4	18	143.8	148.9
-24	4	6	42.0	42.2	-31	4	10	49.7	51.5	-27	4	14	124.3	120.1	-5	4	18	79.5	76.3
-23	4	6	19.5	20.3	-30	4	10	71.0	73.0	-26	4	14	168.0	175.5	-4	4	18	26.9	16.6
-22	4	6	243.4	242.2	-29	4	10	91.9	91.8	-25	4	14	85.4	87.8	-3	4	18	20.8	16.8
-21	4	6	24.4	29.2	-28	4	10	30.2	26.6	-24	4	14	34.2	29.6	-2	4	18	13.1	19.8
-20	4	6	120.4	118.1	-27	4	10	44.9	49.4	-23	4	14	68.8	70.4	-1	4	18	114.4	115.2
-19	4	6	44.2	31.8	-26	4	10	24.1	13.0	-22	4	14	65.7	72.9	0	4	18	35.8	39.0
-18	4	6	242.5	234.2	-25	4	10	100.2	101.6	-21	4	14	89.8	99.8	1	4	18	34.8	34.5
-17	4	6	162.0	163.1	-24	4	10	51.0	52.5	-20	4	14	99.7	96.4	2	4	18	92.5	85.1
-16	4	6	238.9	233.7	-23	4	10	44.9	44.0	-19	4	14	55.1	52.8	3	4	18	60.2	56.3
-15	4	6	27.4	17.3	-22	4	10	88.7	80.2	-18	4	14	214.9	226.0	4	4	18	100.6	97.1
-14	4	6	293.2	289.6	-21	4	10	43.9	41.4	-17	4	14	152.3	157.9	5	4	18	40.4	35.5
-13	4	6	178.4	165.4	-20	4	10	111.7	104.7	-16	4	14	146.5	145.9	6	4	18	27.9	22.4
-12	4	6	161.3	149.7	-19	4	10	215.1	195.8	-15	4	14	39.4	43.6	7	4	18	38.8	39.8
-11	4	6	144.5	139.1	-18	4	10	50.1	41.7	-14	4	14	33.7	24.0	8	4	18	67.8	61.5
-10	4	6	69.2	73.4	-17	4	10	27.1	33.2	-13	4	14	195.2	203.2	9	4	18	14.1	10.8
-9	4	6	113.9	99.7	-16	4	10	114.4	108.8	-12	4	14	75.2	79.7	10	4	18	178.1	171.6
-8	4	6	174.5	162.4	-15	4	10	127.2	122.4	-11	4	14	88.8	88.2	11	4	18	34.9	42.8
-7	4	6	136.1	130.2	-14	4	10	113.6	109.0	-10	4	14	179.7	171.1	12	4	18	30.8	40.7
-6	4	6	152.3	141.9	-13	4	10	12.6	11.5	-9	4	14	200.0	197.5	13	4	18	14.1	16.9
-5	4	6	118.7	120.6	-12	4	10	19.9	20.9	-8	4	14	142.9	143.3	14	4	18	44.3	41.2
-4	4	6	48.6	45.7	-11	4	10	97.2	98.2	-7	4	14	12.4	9.2	15	4	18	30.4	34.5
-3	4	6	72.3	76.7	-10	4	10	152.5	148.8	-6	4	14	28.4	28.4	-26	4	20	23.6	12.3
-2	4	6	335.9	362.4	-9	4	10	12.5	5.3	-5	4	14	90.7	88.0	-25	4	20	58.6	63.8
-1	4	6	88.8	96.7	-8	4	10	381.3	367.8	-4	4	14	143.7	146.4	-24	4	20	25.5	22.1
0	4	6	114.8	122.9	-7	4	10	76.6	74.0	-3	4	14	166.3	166.4	-23	4	20	43.0	46.7
1	4	6	45.3	49.5	-6	4	10	162.8	165.3	-2	4	14	142.0	143.1	-22	4	20	13.6	9.4
2	4	6	598.0	633.8	-5	4	10	106.3	113.2	-1	4	14	46.3	49.4	-21	4	20	70.3	73.9
3	4	6	97.6	94.6	-4	4	10	36.0	36.6	0	4	14	61.4	57.5	-20	4	20	28.8	32.1
4	4	6	31.4	23.6	-3	4	10	114.6	127.8	1	4	14	11.9	9.0	-19	4	20	35.1	41.0
5	4	6	101.2	111.7	-2	4	10	172.8	187.0	2	4	14	84.1	84.5	-18	4	20	53.7	55.3
6	4	6	143.2	158.9	-1	4	10	63.5	64.3	3	4	14	28.8	29.7	-17	4	20	47.7	48.1
7	4	6	101.6	111.0	0	4	10	251.1	267.1	4	4	14	214.6	219.4	-16	4	20	118.0	128.2
8	4	6	108.5	117.8	1	4	10	33.3	33.0	5	4	14	17.9	19.8	-15	4	20	13.4	6.3
9	4	6	10.7	4.4	2	4	10	39.7	17.7	6	4	14	49.4	49.6	-14	4	20	36.4	31.8
10	4	6	346.1	372.0	3	4	10	154.6	159.6	7	4	14	40.8	33.8	-13	4	20	40.2	43.8
11	4	6	48.2	45.8	4	4	10	42.3	47.1	8	4	14	72.0	71.9	-12	4	20	87.8	84.3
12	4	6	132.7	144.2	5	4	10	38.3	42.7	9	4	14	20.6	25.9	-11	4	20	82.7	80.3
13	4	6	44.0	44.2	6	4	10	87.8	89.0	10	4	14	48.9	51.3	-10	4	20	107.1	105.9
14	4	6	71.3	79.3	7	4	10	115.3	124.4	11	4	14	25.8	22.7	-9	4	20	21.2	17.1
15	4	6	52.7	59.2	8	4	10	128.8	134.4	12	4	14	168.8	166.5	-8	4	20	79.7	78.6
16	4	6	303.3	311.1	9	4	10	11.6	4.7	13	4	14	22.7	24.5	-7	4	20	27.4	32.7
17	4	6	16.2	13.7	10	4	10	256.0	265.7	14	4	14	88.8	89.7	-6	4	20	38.8	40.0
18	4	6	180.1	186.9	11	4	10	19.4	11.3	15	4	14	30.2	35.5	-5	4	20	106.4	103.5
19	4	6	47.7	44.8	12	4	10	98.5	104.6	16	4	14	13.5	15.7	-4	4	20	150.0	141.3
20	4	6	58.9	59.7	13	4	10	12.2	1.9	17	4	14	22.3	30.4	-3	4	20	46.8	49.9
21	4	6	27.1	10.9	14	4	10	244.9	255.0	18	4	14	13.9	24.7	-2	4	20	13.5	5.0
22	4	6	146.5	150.7	15	4	10	12.4	17.7	19	4	14	14.1	22.7	-1	4	20	31.9	22.8
23	4	6	63.6	58.2	16	4	10	23.0	22.5	20	4	14	49.3	49.7	0	4	20	53.6	53.2

ARROJADITE SHEET NO. 7 - 1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
1	4	20	34.2	32.0	-12	5	3	169.0	161.8	-20	5	7	182.2	179.2	-22	5	11	62.4	60.8
2	4	20	13.8	13.8	-11	5	3	17.6	5.6	-19	5	7	142.4	136.5	-21	5	11	81.3	81.4
3	4	20	14.0	3.4	-10	5	3	30.5	28.6	-18	5	7	56.7	62.2	-20	5	11	25.4	6.0
4	4	20	29.4	35.6	-9	5	3	193.5	193.8	-17	5	7	64.0	63.5	-19	5	11	98.3	92.1
5	4	20	69.0	62.3	-8	5	3	458.6	445.4	-16	5	7	129.2	130.3	-18	5	11	214.9	204.2
6	4	20	91.1	85.7	-7	5	3	197.3	186.6	-15	5	7	12.7	1.4	-17	5	11	90.5	91.7
7	4	20	14.1	6.7	-6	5	3	297.6	289.9	-14	5	7	12.8	5.2	-16	5	11	59.0	60.9
8	4	20	48.3	46.4	-5	5	3	78.8	80.7	-13	5	7	88.0	80.1	-15	5	11	19.3	21.0
9	4	20	66.9	55.1	-4	5	3	78.5	59.0	-12	5	7	217.4	197.1	-14	5	11	94.3	94.5
10	4	20	14.4	15.2	-3	5	3	46.8	37.3	-11	5	7	66.2	60.1	-13	5	11	126.4	126.7
-21	4	22	34.8	43.1	-2	5	3	224.5	231.0	-10	5	7	91.3	88.1	-12	5	11	154.4	151.8
-20	4	22	59.4	57.1	-1	5	3	18.3	18.7	-9	5	7	118.5	118.5	-11	5	11	134.5	135.5
-19	4	22	136.2	142.8	0	5	3	115.1	131.1	-8	5	7	97.8	93.2	-10	5	11	77.2	70.1
-18	4	22	13.7	14.1	1	5	3	9.0	2.7	-7	5	7	99.3	89.5	-9	5	11	52.4	53.6
-17	4	22	54.9	56.7	2	5	3	142.7	171.2	-6	5	7	262.9	252.7	-8	5	11	82.6	80.9
-16	4	22	48.7	48.6	3	5	3	65.3	68.5	-5	5	7	101.2	94.7	-7	5	11	236.0	235.1
-15	4	22	13.7	13.0	4	5	3	247.3	274.0	-4	5	7	339.3	339.8	-6	5	11	46.5	41.0
-14	4	22	98.6	96.6	5	5	3	23.2	19.6	-3	5	7	125.2	135.2	-5	5	11	260.2	267.6
-13	4	22	39.2	38.1	6	5	3	84.5	89.6	-2	5	7	173.5	186.0	-4	5	11	62.0	70.4
-12	4	22	31.3	26.9	7	5	3	75.4	78.1	-1	5	7	87.4	93.0	-3	5	11	123.6	130.2
-11	4	22	25.3	18.8	8	5	3	10.1	20.3	0	5	7	113.9	122.1	-2	5	11	170.3	184.3
-10	4	22	34.6	30.1	9	5	3	26.0	24.8	1	5	7	10.5	13.3	-1	5	11	35.1	37.0
-9	4	22	27.5	18.7	10	5	3	44.4	44.0	2	5	7	181.2	196.6	0	5	11	230.1	242.2
-8	4	22	99.7	93.7	11	5	3	110.6	115.9	3	5	7	163.5	178.2	1	5	11	37.0	41.6
-7	4	22	21.0	15.9	12	5	3	10.9	8.7	4	5	7	208.3	228.3	2	5	11	109.4	119.6
-6	4	22	52.2	55.5	13	5	3	54.0	56.0	5	5	7	31.8	26.4	3	5	11	48.1	50.7
-5	4	22	83.4	75.0	14	5	3	169.0	183.5	6	5	7	291.8	313.4	4	5	11	36.2	30.4
-4	4	22	42.7	41.1	15	5	3	165.3	167.9	7	5	7	20.8	13.7	5	5	11	140.3	143.9
-3	4	22	28.1	28.3	16	5	3	22.6	18.0	8	5	7	31.1	26.3	6	5	11	159.6	164.9
-2	4	22	90.4	86.3	17	5	3	60.0	60.2	9	5	7	38.3	33.1	7	5	11	89.7	89.4
-1	4	22	14.2	6.5	18	5	3	122.9	135.7	10	5	7	201.5	216.5	8	5	11	290.4	297.6
0	4	22	35.6	39.8	19	5	3	36.2	28.9	11	5	7	46.4	48.6	9	5	11	83.4	84.7
1	4	22	28.2	33.2	20	5	3	204.8	219.1	12	5	7	11.3	8.8	10	5	11	69.1	74.2
2	4	22	73.1	71.9	21	5	3	80.8	74.8	13	5	7	22.2	17.7	11	5	11	97.0	101.9
3	4	22	70.1	68.8	22	5	3	211.4	218.8	14	5	7	25.2	27.8	12	5	11	12.6	16.1
-33	5	1	21.6	1.4	23	5	3	29.7	20.2	15	5	7	25.3	4.1	13	5	11	22.5	25.0
-32	5	1	67.4	69.1	24	5	3	13.0	7.4	16	5	7	146.6	151.8	14	5	11	24.0	24.1
-31	5	1	13.9	27.5	25	5	3	84.4	85.5	17	5	7	12.7	26.7	15	5	11	25.8	34.8
-30	5	1	35.9	33.4	26	5	3	46.6	47.1	18	5	7	36.4	47.9	16	5	11	169.4	170.2
-29	5	1	70.7	64.6	27	5	3	43.3	48.0	19	5	7	12.5	14.7	17	5	11	14.0	31.3
-28	5	1	53.0	53.7	28	5	3	25.6	22.1	20	5	7	39.5	32.8	18	5	11	127.2	127.5
-27	5	1	27.6	24.0	29	5	3	41.3	30.3	21	5	7	85.3	81.6	19	5	11	14.1	31.3
-26	5	1	151.3	148.3	30	5	3	130.7	129.8	22	5	7	76.0	78.0	20	5	11	13.4	7.7
-25	5	1	28.2	15.5	31	5	3	71.8	65.5	23	5	7	25.5	6.7	21	5	11	31.3	44.4
-24	5	1	128.4	132.6	32	5	3	14.7	13.1	24	5	7	73.8	78.1	22	5	11	113.3	106.7
-23	5	1	47.7	45.8	-34	5	5	96.1	96.7	25	5	7	13.9	16.0	23	5	11	14.4	5.0
-22	5	1	156.4	158.6	-33	5	5	14.4	11.9	26	5	7	35.1	33.3	24	5	11	81.2	81.4
-21	5	1	205.8	209.0	-32	5	5	84.2	84.8	27	5	7	13.9	7.0	25	5	11	14.4	4.0
-20	5	1	69.4	67.1	-31	5	5	23.3	26.0	28	5	7	14.2	3.7	-33	5	13	14.5	4.5
-19	5	1	125.1	128.5	-30	5	5	38.5	36.9	29	5	7	28.1	22.4	-32	5	13	14.7	3.8
-18	5	1	219.2	232.8	-29	5	5	94.9	94.0	-34	5	9	62.3	60.7	-31	5	13	14.7	4.7
-17	5	1	97.6	94.5	-28	5	5	115.6	114.8	-33	5	9	96.6	97.1	-30	5	13	45.5	48.8
-16	5	1	129.2	140.8	-27	5	5	13.8	30.4	-32	5	9	75.9	81.8	-29	5	13	14.6	16.8
-15	5	1	92.6	99.8	-26	5	5	13.0	10.8	-31	5	9	92.3	86.6	-28	5	13	70.5	72.6
-14	5	1	69.8	70.1	-25	5	5	83.4	81.7	-30	5	9	14.3	13.8	-27	5	13	41.1	47.8
-13	5	1	60.1	67.2	-24	5	5	12.6	6.9	-29	5	9	95.2	91.9	-26	5	13	85.3	83.0
-12	5	1	190.1	194.8	-23	5	5	23.4	22.9	-28	5	9	29.5	32.8	-25	5	13	24.8	13.9
-11	5	1	36.8	29.1	-22	5	5	21.7	20.6	-27	5	9	109.4	106.0	-24	5	13	41.3	37.8
-10	5	1	272.6	277.2	-21	5	5	154.7	156.3	-26	5	9	63.3	56.9	-23	5	13	110.7	119.9

-9	5	1	85.4	81.8	-20	5	5	85.1	86.3	-25	5	9	119.8	117.4	-22	5	13	22.9	4.8
-8	5	1	583.6	587.8	-19	5	5	29.2	31.6	-24	5	9	59.7	56.4	-21	5	13	203.0	203.4
-7	5	1	10.1	7.7	-18	5	5	70.2	64.0	-23	5	9	66.4	63.3	-20	5	13	88.0	87.3
-6	5	1	140.0	142.7	-17	5	5	56.4	55.8	-22	5	9	203.4	195.4	-19	5	13	102.1	99.6
-5	5	1	73.3	71.5	-16	5	5	220.3	213.9	-21	5	9	76.2	67.1	-18	5	13	51.7	46.7
-4	5	1	31.1	20.6	-15	5	5	86.9	83.2	-20	5	9	147.8	149.7	-17	5	13	89.0	91.4
-3	5	1	129.3	133.6	-14	5	5	128.4	118.2	-19	5	9	84.7	81.2	-16	5	13	118.7	124.7
-2	5	1	457.2	427.3	-13	5	5	12.0	5.9	-18	5	9	191.5	181.2	-15	5	13	38.0	28.5
-1	5	1	210.7	179.8	-12	5	5	20.9	5.7	-17	5	9	21.9	20.9	-14	5	13	85.2	81.9
0	5	1	96.7	110.6	-11	5	5	25.4	21.4	-16	5	9	20.6	8.3	-13	5	13	40.5	39.2
1	5	1	96.1	97.2	-10	5	5	463.1	434.4	-15	5	9	310.0	281.2	-12	5	13	13.0	11.3
2	5	1	15.0	12.5	-9	5	5	88.3	81.5	-14	5	9	112.3	102.1	-11	5	13	61.8	60.8
3	5	1	182.7	199.7	-8	5	5	87.0	75.8	-13	5	9	155.6	144.6	-10	5	13	149.5	149.3
4	5	1	26.6	24.9	-7	5	5	189.0	165.8	-12	5	9	66.5	63.8	-9	5	13	104.1	104.2
5	5	1	61.6	61.9	-6	5	5	403.2	365.6	-11	5	9	116.2	120.0	-8	5	13	266.2	273.7
6	5	1	254.2	272.5	-5	5	5	195.4	177.5	-10	5	9	49.5	45.0	-7	5	13	58.5	55.8
7	5	1	131.2	141.1	-4	5	5	175.7	174.6	-9	5	9	160.5	157.5	-6	5	13	82.6	88.3
8	5	1	383.7	416.0	-3	5	5	107.5	112.3	-8	5	9	45.0	39.9	-5	5	13	67.1	71.7
9	5	1	17.2	9.1	-2	5	5	50.9	45.8	-7	5	9	58.6	58.7	-4	5	13	59.3	59.3
10	5	1	26.0	32.0	-1	5	5	24.2	23.0	-6	5	9	94.6	98.4	-3	5	13	115.2	117.4
11	5	1	114.4	114.7	0	5	5	360.4	389.3	-5	5	9	25.9	31.9	-2	5	13	18.9	20.6
12	5	1	66.3	71.4	1	5	5	42.5	46.4	-4	5	9	75.7	80.7	-1	5	13	50.1	50.4
13	5	1	161.0	163.1	2	5	5	330.6	355.4	-3	5	9	11.3	9.5	0	5	13	80.3	83.1
14	5	1	106.5	116.2	3	5	5	64.2	65.4	-2	5	9	103.5	111.6	1	5	13	99.2	101.2
15	5	1	28.3	19.1	4	5	5	300.6	322.4	-1	5	9	63.9	70.3	2	5	13	19.9	11.5
16	5	1	21.5	27.0	5	5	5	20.6	18.1	0	5	9	35.4	34.2	3	5	13	46.0	52.3
17	5	1	85.2	88.5	6	5	5	285.4	312.3	1	5	9	112.3	119.9	4	5	13	18.1	4.0
18	5	1	159.6	167.6	7	5	5	121.3	126.2	2	5	9	121.0	133.5	5	5	13	92.8	91.5
19	5	1	26.6	20.4	8	5	5	104.1	112.8	3	5	9	118.7	130.3	6	5	13	117.3	119.5
20	5	1	19.1	24.9	9	5	5	24.6	24.4	4	5	9	103.0	106.3	7	5	13	32.7	36.0
21	5	1	39.0	47.6	10	5	5	104.0	113.0	5	5	9	89.6	88.3	8	5	13	131.9	136.2
22	5	1	75.6	76.6	11	5	5	92.9	93.6	6	5	9	60.2	60.6	9	5	13	30.4	28.2
23	5	1	29.3	19.1	12	5	5	68.6	67.3	7	5	9	63.1	67.6	10	5	13	69.0	71.2
24	5	1	28.3	19.7	13	5	5	47.6	44.7	8	5	9	182.3	191.8	11	5	13	36.9	34.1
25	5	1	12.7	3.1	14	5	5	46.7	45.6	9	5	9	18.6	5.7	12	5	13	54.2	54.7
26	5	1	98.9	99.7	15	5	5	75.0	75.9	10	5	9	85.4	87.8	13	5	13	143.9	145.8
27	5	1	42.5	36.4	16	5	5	18.8	23.0	11	5	9	11.8	20.5	14	5	13	97.3	96.6
28	5	1	121.6	124.4	17	5	5	76.9	76.5	12	5	9	98.7	96.4	15	5	13	53.6	52.5
29	5	1	26.0	22.9	18	5	5	250.0	256.7	13	5	9	12.1	8.7	16	5	13	24.5	22.2
30	5	1	62.1	58.9	19	5	5	72.9	70.7	14	5	9	79.8	80.9	17	5	13	27.5	35.7
31	5	1	45.0	51.0	20	5	5	214.2	219.4	15	5	9	23.8	25.7	18	5	13	13.4	10.3
32	5	1	41.9	35.8	21	5	5	21.0	15.2	16	5	9	190.5	193.7	19	5	13	13.6	3.9
33	5	1	14.4	4.9	22	5	5	42.4	48.3	17	5	9	53.1	76.5	20	5	13	48.3	43.7
-34	5	3	28.6	31.1	23	5	5	28.5	20.3	18	5	9	179.2	186.3	21	5	13	14.2	12.8
-33	5	3	38.3	40.8	24	5	5	65.5	62.5	19	5	9	17.0	6.6	22	5	13	14.5	20.1
-32	5	3	108.8	109.3	25	5	5	13.6	15.8	20	5	9	13.0	11.6	-31	5	15	88.2	85.8
-31	5	3	87.5	81.4	26	5	5	13.7	9.9	21	5	9	14.0	29.2	-30	5	15	15.3	34.7
-30	5	3	31.3	29.0	27	5	5	56.9	55.0	22	5	9	121.3	121.9	-29	5	15	39.8	42.9
-29	5	3	32.5	32.3	28	5	5	13.9	4.7	23	5	9	13.8	5.7	-28	5	15	77.2	84.7
-28	5	3	45.7	38.5	29	5	5	24.8	23.2	24	5	9	50.7	46.3	-27	5	15	59.5	63.8
-27	5	3	35.2	34.7	30	5	5	55.8	49.3	25	5	9	27.9	29.1	-26	5	15	35.9	37.6
-26	5	3	41.7	33.3	-34	5	7	35.4	30.1	26	5	9	49.7	55.1	-25	5	15	57.7	62.7
-25	5	3	105.7	112.7	-33	5	7	124.9	131.6	27	5	9	21.2	5.6	-24	5	15	60.3	64.5
-24	5	3	111.2	117.1	-32	5	7	101.8	104.4	-34	5	11	24.2	22.6	-23	5	15	13.5	1.8
-23	5	3	58.8	64.4	-31	5	7	91.7	98.3	-33	5	11	36.0	36.6	-22	5	15	71.9	71.7
-22	5	3	115.8	117.6	-30	5	7	90.3	91.8	-32	5	11	43.4	40.6	-21	5	15	30.7	28.2
-21	5	3	12.3	19.7	-29	5	7	53.9	54.2	-31	5	11	32.4	25.0	-20	5	15	28.9	30.0
-20	5	3	142.0	146.6	-28	5	7	31.5	33.9	-30	5	11	14.5	3.8	-19	5	15	50.3	50.1
-19	5	3	33.0	34.6	-27	5	7	13.6	10.2	-29	5	11	102.9	103.5	-18	5	15	23.0	25.7
-18	5	3	144.0	143.6	-26	5	7	55.3	49.8	-28	5	11	79.5	86.3	-17	5	15	133.5	138.0
-17	5	3	42.8	47.4	-25	5	7	19.7	30.1	-27	5	11	195.7	189.8	-16	5	15	56.3	58.8
-16	5	3	310.2	316.0	-24	5	7	55.2	49.7	-26	5	11	61.9	66.1	-15	5	15	186.4	188.8
-15	5	3	113.4	109.7	-23	5	7	12.9	11.9	-25	5	11	13.9	10.7	-14	5	15	121.5	122.6
-14	5	3	81.8	86.2	-22	5	7	75.9	68.6	-24	5	11	34.2	32.3	-13	5	15	12.9	4.3
-13	5	3	42.5	47.3	-21	5	7	117.8	124.4	-23	5	11	80.3	75.8	-12	5	15	79.4	82.0

ARROJADITE SHEET NO. 8 - 1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-11	5	15	13.0	11.7	-13	5	21	107.2	112.3	30	6	2	48.8	42.7	25	6	6	76.3	74.2
-10	5	15	52.8	52.1	-12	5	21	66.8	61.2	31	6	2	34.2	31.1	26	6	6	74.0	78.3
-9	5	15	32.6	27.0	-11	5	21	14.0	18.0	-33	6	4	93.9	95.6	27	6	6	45.6	41.2
-8	5	15	142.0	140.9	-10	5	21	27.4	25.8	-32	6	4	33.4	39.0	28	6	6	43.7	40.3
-7	5	15	26.0	27.5	-9	5	21	14.3	19.7	-31	6	4	102.1	103.0	29	6	6	27.9	27.4
-6	5	15	117.0	119.8	-8	5	21	14.0	8.1	-30	6	4	80.6	73.3	-33	6	8	36.2	38.2
-5	5	15	72.6	71.2	-7	5	21	43.9	42.9	-29	6	4	13.8	20.3	-32	6	8	56.1	51.5
-4	5	15	30.5	27.7	-6	5	21	57.6	60.6	-28	6	4	40.2	37.1	-31	6	8	39.3	42.7
-3	5	15	57.6	56.8	-5	5	21	68.1	66.5	-27	6	4	13.5	10.3	-30	6	8	26.1	21.3
-2	5	15	101.2	103.2	-4	5	21	90.0	86.0	-26	6	4	136.2	136.8	-29	6	8	24.9	13.4
-1	5	15	52.0	56.6	-3	5	21	14.3	21.5	-25	6	4	13.8	5.4	-28	6	8	82.6	84.6
0	5	15	232.6	240.5	-2	5	21	96.5	90.1	-24	6	4	150.9	150.5	-27	6	8	91.1	93.0
1	5	15	61.5	59.9	-1	5	21	14.0	8.5	-23	6	4	71.1	72.1	-26	6	8	59.0	54.0
2	5	15	99.1	100.2	0	5	21	14.2	2.5	-22	6	4	126.0	132.6	-25	6	8	153.9	148.3
3	5	15	88.8	90.6	1	5	21	98.6	95.9	-21	6	4	12.5	8.9	-24	6	8	89.2	86.5
4	5	15	12.6	4.9	2	5	21	57.3	55.4	-20	6	4	12.7	28.7	-23	6	8	79.0	73.1
5	5	15	104.9	110.0	3	5	21	65.8	59.0	-19	6	4	57.9	54.3	-22	6	8	142.0	134.2
6	5	15	12.8	7.7	4	5	21	23.9	12.3	-18	6	4	94.4	90.1	-21	6	8	37.2	34.1
7	5	15	13.1	22.8	5	5	21	14.5	13.3	-17	6	4	154.6	158.7	-20	6	8	46.6	40.9
8	5	15	132.7	130.0	-14	5	23	28.2	38.7	-16	6	4	54.7	54.3	-19	6	8	123.0	117.5
9	5	15	50.9	50.1	-13	5	23	97.1	92.7	-15	6	4	11.9	14.7	-18	6	8	191.9	182.5
10	5	15	56.8	56.2	-12	5	23	14.4	17.1	-14	6	4	118.5	125.6	-17	6	8	74.6	74.1
11	5	15	31.6	30.2	-11	5	23	41.5	40.4	-13	6	4	11.9	4.9	-16	6	8	65.3	66.1
12	5	15	19.1	17.7	-10	5	23	64.0	61.3	-12	6	4	127.2	121.7	-15	6	8	108.0	102.6
13	5	15	59.0	62.3	-9	5	23	23.8	18.5	-11	6	4	108.5	101.8	-14	6	8	318.6	295.6
14	5	15	146.1	144.0	-8	5	23	14.9	21.5	-10	6	4	262.7	245.6	-13	6	8	112.8	100.8
15	5	15	30.1	30.4	-7	5	23	56.9	47.4	-9	6	4	115.6	110.2	-12	6	8	99.1	88.0
16	5	15	14.0	8.5	-6	5	23	34.5	41.0	-8	6	4	375.4	356.5	-11	6	8	199.0	186.2
17	5	15	14.1	22.6	-5	5	23	56.0	53.5	-7	6	4	46.0	35.5	-10	6	8	13.3	13.3
18	5	15	105.7	95.9	0	6	0	170.4	164.5	-6	6	4	13.2	20.8	-9	6	8	82.4	75.6
19	5	15	15.2	29.3	1	6	0	225.4	225.5	-5	6	4	131.5	111.6	-8	6	8	13.2	15.5
-29	5	17	118.3	119.2	2	6	0	450.9	452.7	-4	6	4	507.6	442.7	-7	6	8	13.0	3.5
-28	5	17	48.0	47.1	3	6	0	13.1	12.8	-3	6	4	93.6	91.0	-6	6	8	12.7	3.2
-27	5	17	21.3	17.9	4	6	0	96.3	93.3	-2	6	4	116.8	124.9	-5	6	8	18.8	16.5
-26	5	17	62.0	60.5	5	6	0	135.4	135.6	-1	6	4	82.5	85.0	-4	6	8	50.2	50.0
-25	5	17	64.7	69.9	6	6	0	246.2	270.1	0	6	4	132.5	150.4	-3	6	8	203.6	214.5
-24	5	17	59.5	62.7	7	6	0	170.2	173.5	1	6	4	10.2	14.3	-2	6	8	204.4	230.8
-23	5	17	13.8	25.5	8	6	0	271.4	281.9	2	6	4	301.5	331.1	-1	6	8	49.3	48.2
-22	5	17	13.6	5.0	9	6	0	199.9	207.4	3	6	4	28.4	28.5	0	6	8	11.0	4.0
-21	5	17	13.4	19.8	10	6	0	222.3	240.7	4	6	4	258.8	281.5	1	6	8	11.0	12.9
-20	5	17	13.4	21.5	11	6	0	96.2	91.2	5	6	4	186.8	192.7	2	6	8	217.1	232.9
-19	5	17	13.2	5.4	12	6	0	102.9	101.0	6	6	4	211.4	236.9	3	6	8	26.1	35.8
-18	5	17	87.2	97.8	13	6	0	11.6	7.6	7	6	4	46.3	50.1	4	6	8	137.6	154.6
-17	5	17	46.1	44.8	14	6	0	309.0	319.8	8	6	4	63.3	71.9	5	6	8	11.4	6.5
-16	5	17	74.1	80.5	15	6	0	133.2	138.2	9	6	4	49.7	51.1	6	6	8	11.4	10.4
-15	5	17	49.0	43.6	16	6	0	250.5	261.2	10	6	4	138.1	151.2	7	6	8	11.6	9.4
-14	5	17	91.5	92.1	17	6	0	118.0	116.6	11	6	4	25.2	35.9	8	6	8	284.0	299.5
-13	5	17	78.3	82.6	18	6	0	57.3	57.1	12	6	4	62.9	60.6	9	6	8	112.3	118.6
-12	5	17	78.9	83.4	19	6	0	25.2	19.5	13	6	4	151.0	156.8	10	6	8	11.7	17.4
-11	5	17	135.4	142.9	20	6	0	152.4	158.0	14	6	4	224.0	229.9	11	6	8	63.5	63.1
-10	5	17	49.7	44.2	21	6	0	92.6	101.7	15	6	4	30.1	32.9	12	6	8	11.8	7.9
-9	5	17	90.3	86.0	22	6	0	38.7	28.3	16	6	4	122.0	126.3	13	6	8	20.2	18.8
-8	5	17	92.2	87.6	23	6	0	126.2	128.4	17	6	4	18.6	6.8	14	6	8	26.7	17.6
-7	5	17	39.6	45.5	24	6	0	13.0	11.7	18	6	4	129.0	136.5	15	6	8	40.4	42.4
-6	5	17	96.9	91.9	25	6	0	47.4	46.7	19	6	4	80.3	85.5	16	6	8	266.2	274.4
-5	5	17	62.9	57.2	26	6	0	128.6	131.9	20	6	4	64.1	67.5	17	6	8	21.1	25.8
-4	5	17	121.8	125.0	27	6	0	88.0	89.7	21	6	4	45.4	51.2	18	6	8	26.5	27.4
-3	5	17	26.3	28.9	28	6	0	60.8	63.9	22	6	4	55.2	54.3	19	6	8	12.7	4.9
-2	5	17	74.6	70.8	29	6	0	45.7	45.7	23	6	4	53.0	53.5	20	6	8	13.1	19.4

-1	5	17	47.4	45.7
0	5	17	56.7	59.6
1	5	17	22.0	20.4
2	5	17	104.8	101.6
3	5	17	141.8	140.6
4	5	17	157.5	157.5
5	5	17	129.7	122.5
6	5	17	120.5	115.6
7	5	17	73.6	71.4
8	5	17	82.0	85.7
9	5	17	52.8	49.7
10	5	17	13.6	11.3
11	5	17	64.4	66.5
12	5	17	49.2	48.0
13	5	17	85.1	78.2
14	5	17	14.3	19.8
15	5	17	34.9	37.4
-27	5	19	101.7	110.2
-26	5	19	13.9	5.4
-25	5	19	115.8	123.6
-24	5	19	58.6	68.1
-23	5	19	27.5	17.1
-22	5	19	65.2	67.6
-21	5	19	91.7	101.5
-20	5	19	13.7	4.4
-19	5	19	67.7	72.1
-18	5	19	19.0	16.7
-17	5	19	29.3	30.8
-16	5	19	25.4	28.2
-15	5	19	40.2	36.9
-14	5	19	69.5	73.2
-13	5	19	60.2	55.8
-12	5	19	73.1	71.5
-11	5	19	70.4	67.1
-10	5	19	13.7	2.4
-9	5	19	95.4	93.0
-8	5	19	24.2	5.1
-7	5	19	25.9	8.7
-6	5	19	65.0	62.4
-5	5	19	108.9	106.1
-4	5	19	13.7	3.1
-3	5	19	115.1	112.6
-2	5	19	61.9	54.7
-1	5	19	48.6	46.4
0	5	19	50.7	52.1
1	5	19	13.3	4.2
2	5	19	13.6	7.1
3	5	19	13.9	7.5
4	5	19	62.6	65.1
5	5	19	34.1	32.6
6	5	19	127.6	121.1
7	5	19	48.2	48.6
8	5	19	13.8	2.2
9	5	19	44.8	45.4
10	5	19	35.1	28.6
11	5	19	14.5	19.9
-22	5	21	13.6	4.1
-21	5	21	116.3	122.0
-20	5	21	14.5	27.0
-19	5	21	152.9	163.8
-18	5	21	85.4	89.1
-17	5	21	52.3	55.1
-16	5	21	68.6	64.8
-15	5	21	120.3	120.4
-14	5	21	35.6	42.0

30	6	0	20.0	22.9
31	6	0	24.9	4.7
32	6	0	128.2	128.9
-33	6	2	83.9	84.5
-32	6	2	33.8	23.4
-31	6	2	14.3	20.9
-30	6	2	107.1	101.8
-29	6	2	59.1	55.7
-28	6	2	13.3	8.4
-27	6	2	53.4	63.1
-26	6	2	13.1	20.7
-24	6	2	174.3	177.7
-23	6	2	140.6	143.2
-22	6	2	40.3	36.8
-21	6	2	145.6	150.3
-20	6	2	80.0	81.6
-19	6	2	38.5	34.2
-18	6	2	42.8	42.0
-17	6	2	36.6	34.6
-16	6	2	257.8	265.3
-15	6	2	11.5	5.5
-14	6	2	110.2	108.2
-13	6	2	35.1	29.9
-12	6	2	210.0	206.3
-11	6	2	123.5	118.9
-10	6	2	279.6	273.8
-9	6	2	51.3	54.0
-8	6	2	131.2	133.6
-7	6	2	20.9	14.3
-6	6	2	47.4	53.5
-5	6	2	70.4	59.2
-4	6	2	168.1	154.8
-3	6	2	23.8	18.7
-2	6	2	277.8	252.2
-1	6	2	49.8	45.7
0	6	2	156.2	189.7
1	6	2	21.1	20.8
2	6	2	78.1	85.0
3	6	2	18.1	6.1
4	6	2	296.0	312.7
5	6	2	183.7	197.3
6	6	2	455.7	489.9
7	6	2	55.1	60.7
8	6	2	20.0	21.2
9	6	2	115.8	123.4
10	6	2	37.7	31.8
11	6	2	34.9	40.5
12	6	2	123.6	129.7
13	6	2	74.9	81.7
14	6	2	158.6	170.0
15	6	2	11.8	5.8
16	6	2	93.8	93.8
17	6	2	64.3	69.4
18	6	2	39.9	40.6
19	6	2	32.0	27.2
20	6	2	159.7	165.1
21	6	2	130.5	134.2
22	6	2	133.5	138.5
23	6	2	58.9	60.3
24	6	2	115.3	116.3
25	6	2	46.4	41.0
26	6	2	91.4	86.3
27	6	2	60.9	56.8
28	6	2	145.0	147.4
29	6	2	48.2	37.8

24	6	4	93.5	92.3
25	6	4	59.3	48.7
26	6	4	168.8	168.3
27	6	4	41.0	40.8
28	6	4	82.9	76.8
29	6	4	34.7	34.1
30	6	4	62.0	61.5
-33	6	6	30.9	39.2
-32	6	6	114.7	115.3
-31	6	6	138.5	139.0
-30	6	6	40.0	51.2
-29	6	6	42.1	43.9
-28	6	6	57.4	52.5
-27	6	6	135.9	136.1
-26	6	6	94.0	95.4
-25	6	6	113.5	119.2
-24	6	6	227.3	226.0
-23	6	6	51.2	45.9
-22	6	6	77.7	82.7
-21	6	6	36.8	32.9
-20	6	6	12.7	2.2
-19	6	6	91.6	85.3
-18	6	6	132.5	125.9
-17	6	6	204.7	198.3
-16	6	6	58.7	59.1
-15	6	6	47.6	48.0
-14	6	6	26.4	17.1
-13	6	6	83.8	79.8
-12	6	6	213.5	199.8
-11	6	6	177.8	164.4
-10	6	6	13.4	13.3
-9	6	6	146.2	129.8
-8	6	6	13.4	9.2
-7	6	6	13.2	14.4
-6	6	6	79.9	77.4
-5	6	6	82.5	77.7
-4	6	6	540.1	532.3
-3	6	6	37.9	41.2
-2	6	6	287.4	315.9
-1	6	6	86.1	95.1
0	6	6	88.0	101.2
1	6	6	81.2	90.8
2	6	6	180.2	192.9
3	6	6	10.3	11.4
4	6	6	51.1	53.0
5	6	6	47.7	50.8
6	6	6	30.7	22.1
7	6	6	33.0	33.1
8	6	6	11.4	17.5
9	6	6	103.4	107.8
10	6	6	30.3	31.8
11	6	6	18.9	19.3
12	6	6	253.0	266.5
13	6	6	76.0	85.2
14	6	6	11.9	5.2
15	6	6	71.3	75.2
16	6	6	154.2	157.8
17	6	6	13.3	15.4
18	6	6	237.3	236.9
19	6	6	79.2	78.9
20	6	6	55.4	53.0
21	6	6	27.7	20.1
22	6	6	13.3	9.8
23	6	6	43.1	44.0
24	6	6	73.9	65.1

21	6	8	13.4	0.8
22	6	8	102.2	100.6
23	6	8	41.5	39.0
24	6	8	69.3	71.3
25	6	8	29.3	24.7
26	6	8	60.0	56.0
27	6	8	14.6	11.1
-33	6	10	77.9	78.1
-32	6	10	27.2	17.5
-31	6	10	36.2	34.2
-30	6	10	14.6	17.6
-29	6	10	51.2	53.9
-28	6	10	80.3	73.0
-27	6	10	98.8	95.4
-26	6	10	70.6	71.0
-25	6	10	108.8	102.5
-24	6	10	14.2	13.8
-23	6	10	40.1	38.3
-22	6	10	214.9	209.2
-21	6	10	96.0	91.6
-20	6	10	45.4	47.2
-19	6	10	189.8	183.9
-18	6	10	201.4	193.2
-17	6	10	113.4	111.8
-16	6	10	82.4	77.2
-15	6	10	69.1	67.7
-14	6	10	155.4	155.8
-13	6	10	227.2	220.7
-12	6	10	391.1	380.3
-11	6	10	92.6	91.8
-10	6	10	36.9	35.9
-9	6	10	135.8	141.9
-8	6	10	148.1	136.9
-7	6	10	29.9	34.2
-6	6	10	142.7	142.3
-5	6	10	46.3	49.1
-4	6	10	78.3	80.3
-3	6	10	85.4	89.0
-2	6	10	24.8	32.1
-1	6	10	114.6	117.7
0	6	10	158.8	171.3
1	6	10	82.0	90.5
2	6	10	145.7	159.8
3	6	10	61.8	64.2
4	6	10	28.6	34.5
5	6	10	55.2	53.0
6	6	10	187.1	196.7
7	6	10	23.6	26.1
8	6	10	244.6	254.9
9	6	10	12.4	21.3
10	6	10	67.6	71.2
11	6	10	12.2	3.8
12	6	10	129.6	137.4
13	6	10	24.7	29.6
14	6	10	49.4	44.1
15	6	10	79.0	77.1
16	6	10	18.9	18.1
17	6	10	48.9	50.4
18	6	10	54.3	53.5
19	6	10	15.8	26.4
20	6	10	13.8	17.8
21	6	10	57.1	59.1
22	6	10	21.2	12.5
23	6	10	32.2	31.2
24	6	10	159.0	151.7

ARROJADITE SHEET NO. 9 - 1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
25	6	10	14.6	12.5	-12	6	16	140.5	143.9	-22	7	1	144.3	146.1	-24	7	5	57.5	59.0
-32	6	12	150.6	151.9	-11	6	16	106.0	109.5	-21	7	1	12.3	10.9	-23	7	5	148.6	147.7
-31	6	12	40.5	37.1	-10	6	16	47.8	52.4	-20	7	1	77.2	85.5	-22	7	5	66.7	69.3
-30	6	12	14.9	7.4	-9	6	16	13.3	14.2	-19	7	1	67.3	69.4	-21	7	5	106.0	106.7
-29	6	12	64.4	64.5	-8	6	16	33.5	22.5	-18	7	1	76.5	77.2	-20	7	5	24.8	21.8
-28	6	12	51.9	48.1	-7	6	16	91.0	94.3	-17	7	1	122.2	121.9	-19	7	5	141.3	138.4
-27	6	12	101.2	107.7	-6	6	16	62.2	61.5	-16	7	1	77.0	71.9	-18	7	5	256.1	251.9
-26	6	12	143.6	136.1	-5	6	16	34.3	36.9	-15	7	1	75.8	73.3	-17	7	5	95.4	88.1
-25	6	12	74.4	70.5	-4	6	16	47.8	42.2	-14	7	1	70.0	68.0	-16	7	5	47.3	52.1
-24	6	12	77.7	76.3	-3	6	16	142.1	143.5	-13	7	1	194.1	201.6	-15	7	5	85.2	85.2
-23	6	12	52.4	48.1	-2	6	16	77.1	77.8	-12	7	1	112.3	111.4	-14	7	5	95.4	92.7
-22	6	12	67.1	63.7	-1	6	16	12.7	7.6	-11	7	1	11.2	4.0	-13	7	5	129.9	120.6
-21	6	12	47.5	42.6	0	6	16	69.0	70.5	-10	7	1	60.3	60.5	-12	7	5	195.1	176.5
-20	6	12	82.6	74.5	1	6	16	64.0	59.6	-9	7	1	84.6	82.5	-11	7	5	38.0	29.8
-19	6	12	113.5	112.4	2	6	16	92.4	96.1	-8	7	1	140.8	143.7	-10	7	5	128.4	119.9
-18	6	12	73.1	66.6	3	6	16	67.2	66.6	-7	7	1	68.5	70.8	-9	7	5	175.7	157.5
-17	6	12	41.1	37.3	4	6	16	118.4	117.1	-6	7	1	143.7	148.5	-8	7	5	98.2	88.0
-16	6	12	124.3	122.3	5	6	16	60.8	71.3	-5	7	1	39.0	35.0	-7	7	5	86.6	76.3
-15	6	12	30.4	31.1	6	6	16	51.4	54.8	-4	7	1	26.7	22.1	-6	7	5	236.6	210.5
-14	6	12	20.4	21.4	7	6	16	21.6	22.7	-3	7	1	238.6	226.4	-5	7	5	315.8	287.5
-13	6	12	141.4	141.6	8	6	16	49.3	44.7	-2	7	1	228.0	212.5	-4	7	5	158.4	147.9
-12	6	12	47.9	40.2	9	6	16	13.5	12.6	-1	7	1	293.7	249.4	-3	7	5	146.5	153.5
-11	6	12	61.9	63.2	10	6	16	104.2	105.4	0	7	1	109.7	124.6	-2	7	5	143.9	152.8
-10	6	12	84.0	89.8	11	6	16	13.4	7.8	1	7	1	45.7	44.7	-1	7	5	119.4	128.9
-9	6	12	183.0	177.2	12	6	16	25.7	15.1	2	7	1	10.3	6.4	0	7	5	44.1	48.7
-8	6	12	222.4	222.4	13	6	16	63.5	59.7	3	7	1	30.1	28.4	1	7	5	88.5	91.8
-7	6	12	69.7	70.9	14	6	16	13.8	9.0	4	7	1	192.6	211.5	2	7	5	97.6	101.5
-6	6	12	186.0	184.6	15	6	16	13.8	13.6	5	7	1	34.0	33.7	3	7	5	10.9	8.8
-5	6	12	12.2	18.7	16	6	16	32.3	27.5	6	7	1	124.9	127.3	4	7	5	134.6	152.2
-4	6	12	41.3	39.7	[illegible]	6	18	87.8	89.5	7	7	1	28.1	27.5	5	7	5	43.7	48.4
-3	6	12	22.8	14.7	-26	6	18	48.6	49.1	8	7	1	155.4	160.5	6	7	5	141.5	159.[illegible]
-2	6	12	234.4	247.2	-25	6	18	13.8	8.4	9	7	1	57.6	56.8	7	7	5	91.3	99.6
-1	6	12	26.9	24.2	-24	6	18	14.0	11.1	10	7	1	11.1	10.9	8	7	5	59.1	61.1
0	6	12	44.5	45.4	-23	6	18	31.5	20.7	11	7	1	11.2	5.5	9	7	5	52.5	56.1
1	6	12	115.7	121.9	-22	6	18	194.9	210.3	12	7	1	200.7	212.4	10	7	5	132.4	142.5
2	6	12	80.3	84.2	-21	6	18	95.0	102.8	13	7	1	32.7	33.7	11	7	5	107.7	112.8
3	6	12	129.0	137.2	-20	6	18	82.4	83.2	14	7	1	256.7	270.1	12	7	5	82.0	84.4
4	6	12	26.9	32.1	-19	6	18	21.7	27.2	15	7	1	188.2	192.4	13	7	5	150.4	154.2
5	6	12	148.1	152.9	-18	6	18	27.3	28.5	16	7	1	266.7	275.0	14	7	5	12.2	14.9
6	6	12	85.6	86.1	-17	6	18	138.2	146.9	17	7	1	25.4	2.8	15	7	5	12.2	5.0
7	6	12	41.0	45.8	-16	6	18	58.8	59.8	18	7	1	60.7	63.9	16	7	5	136.9	136.1
8	6	12	129.9	133.6	-15	6	18	13.2	4.3	19	7	1	132.7	140.5	17	7	5	26.0	33.5
9	6	12	46.0	48.6	-14	6	18	40.7	48.5	20	7	1	12.7	13.4	18	7	5	12.4	8.6
10	6	12	106.5	113.5	-13	6	18	44.6	49.3	21	7	1	120.8	119.6	19	7	5	29.3	24.2
11	6	12	34.7	38.5	-12	6	18	32.5	26.9	22	7	1	96.1	96.2	20	7	5	111.6	118.4
12	6	12	12.4	8.2	-11	6	18	76.2	73.2	23	7	1	46.6	50.8	21	7	5	62.7	61.5
13	6	12	26.2	22.3	-10	6	18	68.0	62.2	24	7	1	91.5	87.4	22	7	5	13.5	6.4
14	6	12	125.9	119.8	-9	6	18	34.0	35.1	25	7	1	49.7	49.1	23	7	5	23.3	25.5
15	6	12	13.1	13.9	-8	6	18	102.7	107.5	26	7	1	35.4	31.4	24	7	5	106.3	99.5
16	6	12	29.3	33.8	-7	6	18	54.6	57.6	27	7	1	48.4	51.0	25	7	5	14.6	11.0
17	6	12	13.3	6.3	-6	6	18	27.3	18.4	28	7	1	117.2	125.4	26	7	5	153.8	155.6
18	6	12	68.3	68.4	-5	6	18	57.8	57.0	29	7	1	14.5	19.1	27	7	5	93.5	90.9
19	6	12	14.3	16.7	-4	6	18	77.9	77.0	30	7	1	67.5	58.8	28	7	5	140.4	131.0
20	6	12	105.7	100.8	-3	6	18	13.7	4.6	31	7	1	34.9	38.0	-32	7	7	14.9	24.6
21	6	12	14.6	10.0	-2	6	18	65.5	69.5	-32	7	3	30.3	26.6	-31	7	7	30.3	28.5
22	6	12	61.1	62.3	-1	6	18	41.4	39.5	-31	7	3	14.3	3.1	-30	7	7	51.3	44.3
-31	6	14	100.1	104.3	0	6	18	147.1	143.6	-30	7	3	14.0	1.1	-29	7	7	103.8	97.4
-30	6	14	114.1	111.8	1	6	18	28.1	24.6	-29	7	3	61.6	60.1	-28	7	7	59.5	58.0
-29	6	14	38.5	46.3	2	6	18	23.5	28.7	-28	7	3	13.8	6.2	-27	7	7	93.4	91.1

-28	6	14	85.6	87.1	3	6	18	46.0	41.7	-27	7	3	110.4	114.8	-26	7	7	97.9	104.1
-27	6	14	28.1	21.6	4	6	18	71.2	68.1	-26	7	3	27.7	31.8	-25	7	7	75.1	81.9
-26	6	14	14.3	18.8	5	6	18	26.6	22.0	-25	7	3	20.7	19.0	-24	7	7	106.6	103.0
-25	6	14	47.0	48.4	6	6	18	13.6	8.0	-24	7	3	155.0	153.6	-23	7	7	40.7	38.0
-24	6	14	22.2	20.5	7	6	18	70.5	72.8	-23	7	3	97.4	93.9	-22	7	7	103.7	103.2
-23	6	14	107.2	103.4	8	6	18	108.0	104.8	-22	7	3	61.3	63.5	-21	7	7	150.2	137.2
-22	6	14	13.8	13.[illegible]	9	6	18	14.1	6.4	-21	7	3	44.7	48.2	-20	7	7	34.3	32.9
-21	6	14	133.0	127.5	10	6	18	14.1	24.9	-20	7	3	93.3	90.9	-19	7	7	78.9	73.8
-20	6	14	23.3	30.6	11	6	18	14.1	15.7	-19	7	3	12.4	17.1	-18	7	7	30.2	30.5
-19	6	14	25.7	19.0	12	6	18	70.0	68.6	-18	7	3	12.2	4.0	-17	7	7	127.2	123.9
-18	6	14	65.8	69.7	-23	6	20	13.6	4.3	-17	7	3	12.4	4.3	-16	7	7	35.2	39.2
-17	6	14	13.3	6.5	-22	6	20	42.6	40.2	-16	7	3	184.1	185.9	-15	7	7	79.2	76.9
-16	6	14	28.6	25.1	-21	6	20	26.3	23.4	-15	7	3	106.5	107.7	-14	7	7	106.5	94.9
-15	6	14	37.5	37.2	-20	6	20	112.5	113.3	-14	7	3	79.5	69.9	-13	7	7	211.5	194.3
-14	6	14	35.9	21.8	-19	6	20	91.5	90.6	-13	7	3	80.0	84.4	-12	7	7	269.9	247.1
-13	6	14	13.0	11.6	-18	6	20	74.0	70.2	-12	7	3	80.2	86.9	-11	7	7	37.3	32.8
-12	6	14	144.9	138.1	-17	6	20	22.[illegible]	24.7	-11	7	3	76.6	71.5	-10	7	7	250.0	230.9
-11	6	14	86.3	88.4	-16	6	20	35.2	38.1	-10	7	3	152.8	154.8	-9	7	7	129.7	118.0
-10	6	14	193.8	205.0	-15	6	20	89.0	90.5	-9	7	3	106.9	107.2	-8	7	7	179.2	174.2
-9	6	14	93.6	90.4	-14	6	20	71.3	67.3	-8	7	3	178.3	175.6	-7	7	7	13.4	18.5
-8	6	14	43.8	49.7	-13	6	20	48.2	41.3	-7	7	3	146.7	144.7	-6	7	7	24.8	9.8
-7	6	14	107.9	112.1	-12	6	20	41.9	32.9	-6	7	3	44.1	37.3	-5	7	7	102.7	99.0
-6	6	14	200.8	207.4	-11	6	20	169.8	160.2	-5	7	3	246.0	218.2	-4	7	7	148.5	154.2
-5	6	14	124.1	127.1	-10	6	20	14.4	18.8	-4	7	3	278.1	241.6	-3	7	7	101.4	106.0
-4	6	14	110.4	109.7	-9	6	20	34.8	27.9	-3	7	3	35.9	30.4	-2	7	7	21.0	20.1
-3	6	14	51.2	48.5	-8	6	20	112.7	106.2	-2	7	3	326.3	329.4	-1	7	7	38.6	38.4
-2	6	14	90.1	93.0	-7	6	20	49.6	46.8	-1	7	3	122.1	130.7	0	7	7	146.4	165.4
-1	6	14	20.3	11.5	-6	6	20	14.1	5.0	0	7	3	235.8	263.7	1	7	7	11.4	16.7
0	6	14	178.0	187.7	-5	6	20	117.8	113.6		7	3	104.6	111.6	2	7	7	106.4	124.1
1	6	14	91.3	94.2	-4	6	20	14.0	3.0	2	7	3	129.4	142.7	3	7	7	11.3	12.2
2	6	14	140.2	145.3	-3	6	20	30.8	25.1	3	7	3	22.7	20.5	4	7	7	52.9	56.0
3	6	14	128.[illegible]	135.1	-2	6	20	13.9	8.7	4	7	3	233.1	249.8	5	7	7	133.3	144.4
4	6	14	26.8	20.6	-1	6	20	14.1	3.1	5	7	3	41.8	40.1	6	7	7	52.8	57.5
5	6	14	66.4	70.8	0	6	20	130.4	125.2	6	7	3	115.6	124.8	7	7	7	11.7	1.9
6	6	14	108.1	107.5	1	6	20	41.8	44.1	7	7	3	33.9	30.8	8	7	7	145.9	153.1
7	6	14	103.2	103.3	2	6	20	48.4	47.9	8	7	3	10.9	7.9	9	7	7	152.9	162.5
8	6	14	93.4	90.8	3	6	20	14.1	5.7	9	7	3	82.8	83.3	10	7	7	230.2	243.6
9	6	14	12.9	1.7	4	6	20	14.3	5.0	10	7	3	92.9	101.7	11	7	7	12.1	15.4
10	6	14	30.0	28.6	5	6	20	70.9	64.0	11	7	3	60.2	64.9	12	7	7	199.9	208.0
11	6	14	35.7	34.8	6	6	20	14.5	22.1	12	7	3	152.0	159.5	13	7	7	127.7	136.3
12	6	14	75.2	78.2	7	6	20	14.3	9.3	13	7	3	43.5	47.9	14	7	7	38.7	40.2
13	6	14	13.6	20.5	-16	6	22	13.8	0.9	14	7	3	323.4	340.2	15	7	7	12.3	2.6
14	6	14	109.4	108.3	-15	6	22	14.0	11.8	15	7	3	103.7	107.2	16	7	7	57.1	59.2
15	6	14	60.5	65.8	-14	6	22	25.8	33.5	16	7	3	12.1	3.0	17	7	7	21.3	20.7
16	6	14	70.9	69.6	-13	6	22	100.3	101.4	17	7	3	98.1	98.0	18	7	7	65.3	68.7
17	6	14	14.9	32.6	-12	6	22	14.2	8.8	18	7	3	64.7	60.2	19	7	7	40.8	41.2
18	6	14	106.0	105.2	-11	6	22	95.1	91.2	19	7	3	39.0	42.8	20	7	7	55.7	51.2
19	6	14	15.8	40.4	-10	6	22	107.6	108.6	20	7	3	59.0	66.5	21	7	7	38.5	39.0
-29	6	16	23.2	28.5	-9	6	22	34.3	36.7	21	7	3	12.6	7.4	22	7	7	35.7	34.6
-28	6	16	30.5	31.6	-8	6	22	46.2	44.6	22	7	3	13.4	23.[illegible]	23	7	7	27.7	26.0
-27	6	16	71.5	72.5	-7	6	22	14.4	3.5	23	7	3	13.3	16.3	24	7	7	101.3	91.8
-26	6	16	78.1	75.0	-6	6	22	14.3	2.5	24	7	3	73.7	70.8	25	7	7	87.3	83.3
-25	6	16	26.2	40.0	-5	6	22	96.4	90.5	25	7	3	73.4	73.5	26	7	7	181.8	178.3
-24	6	16	26.1	17.0	-4	6	22	96.8	91.6	26	7	3	39.4	38.6	-32	7	9	76.9	78.3
-23	6	16	116.9	126.0	-3	6	22	63.8	57.3	27	7	3	63.3	56.2	-31	7	9	40.8	43.0
-22	6	16	14.0	3.6	-2	6	22	14.8	22.1	28	7	3	36.6	32.2	-30	7	9	94.6	86.9
-21	6	16	104.7	107.3	-31	7	1	135.7	136.7	29	7	3	14.4	10.8	-29	7	9	14.7	5.6
-20	6	16	72.2	73.5	-30	7	1	134.3	134.9	-32	7	5	37.7	32.4	-28	7	9	14.8	7.7
-19	6	16	35.2	30.6	-29	7	1	51.5	52.9	-31	7	5	14.3	13.3	-27	7	9	114.1	114.9
-18	6	16	27.6	25.5	-28	7	1	14.2	12.0	-30	7	5	76.5	77.5	-26	7	9	56.1	53.8
-17	6	16	122.7	126.2	-27	7	1	13.5	8.1	-29	7	5	54.7	57.1	-25	7	9	28.1	28.8
-16	6	16	27.9	22.2	-26	7	1	82.2	84.6	-28	7	5	87.1	84.9	-24	7	9	96.3	98.6
-15	6	16	30.8	31.3	-25	7	1	79.5	82.1	-27	7	5	73.0	74.1	-23	7	9	44.9	45.6
-14	6	16	145.7	144.6	-24	7	1	35.1	37.3	-26	7	5	99.6	99.1	-22	7	9	69.4	62.4
-13	6	16	26.6	13.8	-23	7	1	64.1	57.3	-25	7	5	169.4	167.8	-21	7	9	43.5	38.1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-20	7	9	41.2	35.0	-6	7	13	121.3	119.6	-9	7	19	25.2	30.7	-31	8	4	39.1	41.3
-19	7	9	37.7	41.0	-5	7	13	71.1	72.8	-8	7	19	99.3	95.9	-30	8	4	106.1	99.1
-18	7	9	86.3	74.4	-4	7	13	46.4	49.9	-7	7	19	76.3	71.5	-29	8	4	14.2	11.1
-17	7	9	60.1	51.9	-3	7	13	131.3	137.8	-6	7	19	37.4	37.8	-28	8	4	27.8	20.2
-16	7	9	76.8	70.4	-2	7	13	80.3	85.4	-5	7	19	93.5	96.2	-27	8	4	14.1	10.9
-15	7	9	52.9	44.4	-1	7	13	183.2	191.5	-4	7	19	30.6	30.3	-26	8	4	26.8	28.9
-14	7	9	183.6	172.8	0	7	13	56.3	64.3	-3	7	19	26.5	22.5	-25	8	4	79.2	78.2
-13	7	9	36.8	30.0	1	7	13	128.4	131.9	-2	7	19	48.1	47.7	-24	8	4	119.2	119.3
-12	7	9	98.3	100.2	2	7	13	51.9	53.3	-1	7	19	21.2	23.5	-23	8	4	130.7	130.9
-11	7	9	30.4	28.5	3	7	13	12.4	3.3	0	7	19	35.3	27.1	-22	8	4	30.7	26.6
-10	7	9	98.5	99.5	4	7	13	101.3	104.8	1	7	19	36.8	35.7	-21	8	4	36.6	39.0
-9	7	9	24.7	24.0	5	7	13	50.6	50.7	2	7	19	25.9	24.3	-20	8	4	13.1	1.3
-8	7	9	113.7	114.0	6	7	13	76.7	82.0	3	7	19	14.2	9.1	-19	8	4	103.2	98.3
-7	7	9	105.6	99.3	7	7	13	77.8	82.7	4	7	19	109.9	105.6	-18	8	4	215.0	214.1
-6	7	9	194.5	197.9	8	7	13	191.0	197.6	5	7	19	14.0	14.3	-17	8	4	62.0	61.0
-5	7	9	236.2	239.4	9	7	13	13.1	9.2	6	7	19	14.2	3.9	-16	8	4	12.9	20.1
-4	7	9	362.2	377.3	10	7	13	12.9	8.2	7	7	19	21.2	9.3	-15	8	4	124.8	121.2
-3	7	9	22.1	29.3	11	7	13	12.9	7.1	-16	7	21	25.9	19.5	-14	8	4	156.1	152.8
-2	7	9	58.0	59.6	12	7	13	97.4	99.9	-15	7	21	66.8	68.7	-13	8	4	67.5	61.5
-1	7	9	151.3	161.0	13	7	13	13.6	11.4	-14	7	21	32.2	31.7	-12	8	4	168.8	164.7
0	7	9	156.3	165.9	14	7	13	129.4	129.2	-13	7	21	27.0	32.4	-11	8	4	21.3	19.6
1	7	9	42.9	50.1	15	7	13	14.1	29.7	-12	7	21	13.8	9.8	-10	8	4	485.9	463.8
2	7	9	263.8	260.9	16	7	13	13.9	18.5	-11	7	21	21.2	9.1	-9	8	4	40.1	33.8
3	7	9	25.9	24.1	17	7	13	19.7	12.6	-10	7	21	22.9	16.6	-8	8	4	88.2	82.1
4	7	9	42.9	39.1	18	7	13	34.0	19.3	-9	7	21	35.5	28.9	-7	8	4	13.4	3.9
5	7	9	119.5	123.7	19	7	13	57.2	56.7	-8	7	21	48.3	47.2	-6	8	4	14.1	14.2
6	7	9	42.1	38.0	-28	7	15	103.8	105.3	-7	7	21	27.5	20.5	-5	8	4	97.2	77.1
7	7	9	12.0	10.8	-27	7	15	28.0	5.0	-6	7	21	40.0	31.7	-4	8	4	190.0	167.9
8	7	9	106.0	113.7	-26	7	15	14.3	3.9	-5	7	21	85.8	85.9	-3	8	4	108.0	101.7
9	7	9	195.9	202.4	-25	7	15	24.4	19.0	-4	7	21	14.2	3.0	-2	8	4	133.2	134.8
10	7	9	203.2	212.4	-24	7	15	101.1	104.2	-3	7	21	36.2	31.8	-1	8	4	47.4	48.2
11	7	9	31.0	27.9	-23	7	15	158.5	170.1	-2	7	21	32.0	23.8	0	8	4	72.1	77.6
12	7	9	94.8	95.8	-22	7	15	74.8	73.6	-1	7	21	146.2	135.9	1	8	4	112.1	119.7
13	7	9	27.0	31.4	-21	7	15	80.1	88.8	0	8	0	419.5	452.2	2	8	4	192.0	211.0
14	7	9	84.3	88.5	-20	7	15	13.7	4.1	1	8	0	63.7	64.3	3	8	4	11.3	14.1
15	7	9	13.2	24.8	-19	7	15	43.3	45.0	2	8	0	119.9	124.9	4	8	4	140.5	147.9
16	7	9	104.5	105.7	-18	7	15	38.4	47.4	3	8	0	32.1	34.1	5	8	4	31.2	26.5
17	7	9	13.2	17.9	-17	7	15	82.2	91.4	4	8	0	11.0	2.4	6	8	4	323.2	346.3
18	7	9	34.7	40.0	-16	7	15	43.4	41.1	5	8	0	57.6	59.1	7	8	4	100.1	108.5
19	7	9	60.4	59.0	-15	7	15	60.5	62.2	6	8	0	283.8	292.8	8	8	4	42.8	44.9
20	7	9	32.3	27.7	-14	7	15	93.5	92.2	7	8	0	92.0	96.5	9	8	4	96.8	104.7
21	7	9	30.6	32.9	-13	7	15	35.5	31.3	8	8	0	170.9	179.4	10	8	4	152.8	161.6
22	7	9	14.0	12.5	-12	7	15	13.3	11.3	9	8	0	151.4	149.4	11	8	4	106.2	107.7
23	7	9	14.2	0.1	-11	7	15	78.8	77.2	10	8	0	82.6	88.0	12	8	4	276.9	288.4
24	7	9	14.3	5.1	-10	7	15	13.5	10.7	11	8	0	11.7	2.3	13	8	4	75.4	72.2
25	7	9	21.7	10.5	-9	7	15	158.8	158.8	12	8	0	25.1	28.8	14	8	4	28.0	25.9
-31	7	11	70.5	71.6	-8	7	15	61.7	59.8	13	8	0	83.4	87.8	15	8	4	39.6	39.0
-30	7	11	15.3	9.8	-7	7	15	13.3	17.4	14	8	0	126.3	127.2	16	8	4	27.0	15.8
-29	7	11	120.3	116.3	-6	7	15	13.1	3.6	15	8	0	86.9	89.8	17	8	4	12.5	4.7
-28	7	11	15.6	11.3	-5	7	15	173.5	170.7	16	8	0	25.4	29.9	18	8	4	95.4	93.4
-27	7	11	99.7	98.3	-4	7	15	143.6	143.7	17	8	0	12.5	19.4	19	8	4	66.2	66.6
-26	7	11	24.5	26.4	-3	7	15	13.0	9.0	18	8	0	12.3	1.7	20	8	4	77.7	82.4
-25	7	11	148.4	137.5	-2	7	15	31.7	33.8	19	8	0	73.0	75.3	21	8	4	31.5	22.3
-24	7	11	14.8	14.3	-1	7	15	41.2	39.4	20	8	0	68.2	65.7	22	8	4	24.6	13.6
-23	7	11	55.0	49.0	0	7	15	71.0	66.8	21	8	0	31.5	29.6	23	8	4	42.8	46.2
-22	7	11	83.5	72.6	1	7	15	12.9	10.5	22	8	0	219.0	223.7	24	8	4	81.8	81.3
-21	7	11	150.8	143.6	2	7	15	22.5	9.5	23	8	0	21.2	9.7	25	8	4	47.8	53.3
-20	7	11	50.6	56.4	3	7	15	83.7	82.0	24	8	0	13.5	7.4	26	8	4	109.2	105.5
-19	7	11	66.4	59.8	4	7	15	22.6	4.3	25	8	0	31.0	23.9	27	8	4	14.5	6.4

-18	7	11	60.7	51.1	5	7	15	34.9	33.1	26	8	0	59.3	56.3	-31	8	6	14.7	19.0
-17	7	11	92.1	87.9	6	7	15	13.5	11.7	27	8	0	68.0	65.9	-30	8	6	14.3	4.2
-16	7	11	92.9	89.1	7	7	15	71.8	72.9	28	8	0	44.6	48.3	-29	8	6	14.3	6.8
-15	7	11	116.5	115.2	8	7	15	54.4	52.4	29	8	0	90.2	86.5	-28	8	6	66.3	62.7
-14	7	11	129.5	132.7	9	7	15	103.4	105.5	30	8	0	141.3	138.1	-27	8	6	25.2	23.0
-13	7	11	142.4	141.1	10	7	15	27.5	23.4	-30	8	2	61.5	56.4	-26	8	6	14.3	18.9
-12	7	11	126.8	126.9	11	7	15	49.2	42.9	-29	8	2	64.6	61.6	-25	8	6	146.5	145.2
-11	7	11	59.6	60.9	12	7	15	73.4	73.6	-28	8	2	179.2	179.1	-24	8	6	68.5	65.8
-10	7	11	34.4	26.3	13	7	15	14.7	31.2	-27	8	2	66.0	67.8	-23	8	6	55.9	52.9
-9	7	11	83.0	79.9	14	7	15	145.7	137.5	-26	8	2	52.0	45.3	-22	8	6	71.7	75.4
-8	7	11	13.5	2.1	15	7	15	48.3	40.1	-25	8	2	13.3	6.6	-21	8	6	26.2	18.9
-7	7	11	30.9	29.5	16	7	15	58.0	63.4	-24	8	2	13.4	17.6	-20	8	6	158.8	155.6
-6	7	11	69.6	65.2	-26	7	17	14.1	10.9	-23	8	2	70.1	70.7	-19	8	6	39.2	34.4
-5	7	11	29.3	27.5	-25	7	17	57.1	55.4	-22	8	2	13.3	6.6	-18	8	6	104.1	103.7
-4	7	11	18.1	19.7	-24	7	17	23.3	21.5	-21	8	2	75.4	78.2	-17	8	6	72.7	70.7
-3	7	11	42.5	46.5	-23	7	17	56.2	63.0	-20	8	2	244.6	241.7	-16	8	6	168.3	160.5
-2	7	11	30.3	29.2	-22	7	17	55.3	53.5	-19	8	2	24.0	17.2	-15	8	6	65.3	60.6
-1	7	11	62.9	67.9	-21	7	17	13.6	10.8	-18	8	2	35.6	43.7	-14	8	6	229.5	222.1
0	7	11	110.5	118.4	-20	7	17	13.9	28.1	-17	8	2	86.9	83.5	-13	8	6	75.4	71.1
1	7	11	125.6	134.3	-19	7	17	74.8	75.3	-16	8	2	135.8	132.5	-12	8	6	59.7	56.7
2	7	11	201.9	216.8	-18	7	17	74.9	79.6	-15	8	2	83.6	83.2	-11	8	6	46.4	47.9
3	7	11	46.5	46.3	-17	7	17	44.0	48.4	-14	8	2	97.8	98.6	-10	8	6	24.2	8.3
4	7	11	132.0	138.4	-16	7	17	13.6	5.8	-13	8	2	12.2	13.0	-9	8	6	119.9	107.8
5	7	11	57.9	55.9	-15	7	17	118.1	117.0	-12	8	2	33.6	34.8	-8	8	6	281.0	256.2
6	7	11	17.5	17.4	-14	7	17	13.6	9.5	-11	8	2	32.1	31.5	-7	8	6	62.0	60.8
7	7	11	74.2	77.0	-13	7	17	74.1	73.4	-10	8	2	150.7	148.0	-6	8	6	194.9	183.1
8	7	11	18.5	25.9	-12	7	17	149.3	153.6	-9	8	2	81.6	78.8	-5	8	6	54.7	52.3
9	7	11	24.8	17.6	-11	7	17	104.0	102.2	-8	8	2	249.1	241.5	-4	8	6	70.7	72.4
10	7	11	12.3	3.6	-10	7	17	13.9	7.5	-7	8	2	39.6	41.3	-3	8	6	127.9	132.8
11	7	11	69.6	71.9	-9	7	17	97.6	96.0	-6	8	2	101.3	96.6	-2	8	6	11.8	12.0
12	7	11	33.1	34.3	-8	7	17	73.5	75.7	-5	8	2	125.3	109.3	-1	8	6	57.9	62.7
13	7	11	12.5	6.3	-7	7	17	21.8	16.7	-4	8	2	157.9	156.7	0	8	6	11.4	11.5
14	7	11	12.8	10.5	-6	7	17	91.5	90.8	-3	8	2	83.6	76.7	1	8	6	144.0	158.9
15	7	11	41.9	39.5	-5	7	17	112.7	115.3	-2	8	2	199.5	181.1	2	8	6	78.1	83.6
16	7	11	13.6	22.7	-4	7	17	72.4	74.9	-1	8	2	243.1	256.3	3	8	6	51.0	49.6
17	7	11	22.1	8.5	-3	7	17	61.9	62.5	0	8	2	178.5	199.3	4	8	6	150.9	164.2
18	7	11	45.5	46.5	-2	7	17	113.4	117.5	1	8	2	149.2	163.5	5	8	6	22.9	17.6
19	7	11	46.8	50.6	-1	7	17	26.2	28.5	2	8	2	31.1	23.0	6	8	6	41.3	43.8
20	7	11	93.7	95.6	0	7	17	73.9	67.6	3	8	2	11.0	4.7	7	8	6	11.5	2.1
21	7	11	14.7	3.5	1	7	17	45.0	43.6	4	8	2	280.7	298.9	8	8	6	118.7	129.7
22	7	11	112.1	105.4	2	7	17	25.1	29.0	5	8	2	101.6	106.8	9	8	6	19.0	9.4
-30	7	13	60.4	70.5	3	7	17	13.5	10.3	6	8	2	102.2	113.6	10	8	6	248.1	266.3
-29	7	13	25.7	15.3	4	7	17	35.1	35.3	7	8	2	22.8	21.1	11	8	6	66.9	80.0
-28	7	13	48.0	48.4	5	7	17	42.5	38.5	8	8	2	163.3	171.8	12	8	6	266.6	282.2
-27	7	13	70.9	65.3	6	7	17	87.9	85.5	9	8	2	23.6	20.9	13	8	6	37.0	7.2
-26	7	13	37.1	44.0	7	7	17	13.8	14.9	10	8	2	75.8	75.1	14	8	6	56.5	60.2
-25	7	13	67.1	63.3	8	7	17	25.6	23.6	11	8	2	51.6	49.1	15	8	6	24.3	26.1
-24	7	13	14.4	1.7	9	7	17	63.4	66.2	12	8	2	185.0	194.9	16	8	6	184.4	192.2
-23	7	13	71.2	71.0	10	7	17	13.7	5.6	13	8	2	98.8	101.5	17	8	6	13.2	15.8
-22	7	13	58.3	60.2	11	7	17	14.0	13.9	14	8	2	12.0	18.0	18	8	6	42.2	33.8
-21	7	13	76.4	74.3	12	7	17	28.3	28.3	15	8	2	62.4	63.3	19	8	6	92.7	91.4
-20	7	13	76.1	75.3	-23	7	19	57.2	67.2	16	8	2	168.5	177.9	20	8	6	13.7	18.6
-19	7	13	56.8	52.2	-22	7	19	43.1	53.3	17	8	2	53.0	44.9	21	8	6	63.1	66.1
-18	7	13	114.8	116.5	-21	7	19	94.9	100.9	18	8	2	67.5	68.2	22	8	6	35.6	28.6
-17	7	13	13.7	21.2	-20	7	19	40.0	43.4	19	8	2	21.3	17.4	23	8	6	13.8	3.6
-16	7	13	45.5	50.9	-19	7	19	75.5	77.2	20	8	2	221.5	226.0	24	8	6	67.9	61.7
-15	7	13	139.4	148.1	-18	7	19	68.3	67.5	21	8	2	47.6	48.6	25	8	6	80.4	73.4
-14	7	13	81.8	85.2	-17	7	19	74.1	79.0	22	8	2	51.6	55.1	26	8	6	14.7	15.7
-13	7	13	37.7	41.9	-16	7	19	13.7	13.6	23	8	2	22.3	21.6	-31	8	8	81.1	74.1
-12	7	13	146.2	148.4	-15	7	19	13.8	6.1	24	8	2	13.6	3.5	-30	8	8	14.9	9.3
-11	7	13	13.0	7.2	-14	7	19	66.0	69.9	25	8	2	48.6	53.0	-28	8	8	116.6	115.5
-10	7	13	13.0	12.2	-13	7	19	14.0	18.0	26	8	2	14.1	18.8	-27	8	8	41.3	39.4
-9	7	13	101.5	103.3	-12	7	19	32.7	31.9	27	8	2	27.1	23.8	-26	8	8	14.4	24.5
-8	7	13	13.3	8.4	-11	7	19	61.9	64.7	28	8	2	79.7	78.5	-25	8	8	38.7	36.2
-7	7	13	171.7	179.8	-10	7	19	79.4	80.9	29	8	2	119.2	118.8	-24	8	8	24.7	27.6

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-23	8	8	92.1	94.2	-6	8	12	253.4	264.1	-7	8	18	14.3	17.5	6	9	3	11.6	6.7
-22	8	8	43.5	45.0	-5	8	12	13.0	8.6	-6	8	18	99.1	101.4	7	9	3	130.9	138.9
-21	8	8	70.6	64.5	-4	8	12	39.2	43.7	-5	8	18	30.1	12.5	8	9	3	140.2	146.8
-20	8	8	81.1	74.9	-3	8	12	115.1	124.2	-4	8	18	55.2	54.4	9	9	3	92.2	98.5
-19	8	8	103.6	97.6	-2	8	12	101.1	104.2	-3	8	18	14.2	25.0	10	9	3	43.3	45.1
-18	8	8	235.2	223.9	-1	8	12	12.3	9.0	-2	8	18	53.0	49.7	11	9	3	11.9	4.0
-17	8	8	58.0	56.7	0	8	12	65.2	62.4	-1	8	18	96.1	91.9	12	9	3	50.3	53.8
-16	8	9	33.4	21.1	1	8	12	74.9	76.2	0	8	18	25.0	26.4	13	9	3	46.9	40.1
-15	8	8	92.3	82.6	2	8	12	52.5	56.2	1	8	18	40.6	39.1	14	9	3	30.8	25.9
-14	8	8	49.9	44.7	3	8	12	37.9	44.5	2	8	18	23.7	10.7	15	9	3	48.8	48.5
-13	8	8	60.5	52.4	4	8	12	51.4	53.2	3	8	18	77.7	73.1	16	9	3	12.6	1.5
-12	8	8	173.3	156.7	5	8	12	22.7	22.2	4	8	18	40.0	35.2	17	9	3	59.5	62.9
-11	8	8	102.8	93.0	6	8	12	69.7	72.4	5	8	18	26.0	23.6	18	9	3	24.6	31.8
-10	8	8	13.7	4.3	7	8	12	13.0	24.0	6	8	18	14.1	3.4	19	9	3	13.3	3.1
-9	8	8	67.0	62.4	8	8	12	98.2	105.1	7	8	18	14.2	1.0	20	9	3	59.8	65.8
-8	8	8	91.7	84.1	9	8	12	115.3	117.8	-16	8	20	114.6	115.1	21	9	3	137.6	139.7
-7	8	8	100.5	101.0	10	8	12	102.8	104.3	-15	8	20	78.1	77.4	22	9	3	146.6	140.8
-6	8	8	196.0	197.4	11	8	12	73.3	74.3	-14	8	20	69.9	72.8	23	9	3	45.4	47.7
-5	8	8	117.2	116.2	12	8	12	107.4	109.4	-13	8	20	14.1	8.4	24	9	3	36.4	33.6
-4	8	8	111.4	117.0	13	8	12	13.7	14.1	-12	8	20	70.1	70.6	25	9	3	57.7	57.5
-3	8	8	53.5	53.7	14	8	12	112.4	112.7	-11	8	20	61.1	64.6	26	9	3	28.3	13.0
-2	8	8	121.3	135.7	15	8	12	34.8	14.2	-10	8	20	106.2	105.6	-29	9	5	26.8	25.2
-1	8	8	11.8	3.7	16	8	12	28.8	18.7	-9	8	20	32.6	34.6	-28	9	5	44.3	37.6
0	8	8	191.8	206.3	17	8	12	14.0	18.6	-8	8	20	41.8	39.4	-27	9	5	41.2	37.1
1	8	8	12.1	5.2	18	8	12	45.3	40.9	-7	8	20	42.6	33.9	-26	9	5	22.6	22.2
2	8	8	283.0	307.8	19	8	12	14.2	18.5	-6	8	20	14.3	2.9	-25	9	5	20.3	12.1
3	8	8	49.4	50.7	-28	8	14	48.0	56.4	-5	8	20	64.5	51.6	-24	9	5	21.2	25.4
4	8	8	35.0	23.4	-27	8	14	85.1	82.3	-4	8	20	57.0	51.8	-23	9	5	150.7	149.7
5	8	8	44.5	55.4	-26	8	14	99.8	103.9	-3	8	20	14.3	10.1	-22	9	5	110.3	111.5
6	8	8	38.9	35.8	-25	8	14	24.4	12.9	-2	8	20	14.8	1.6	-21	9	5	131.3	128.6
7	8	8	28.0	27.8	-24	8	14	30.4	31.9	-1	8	20	88.7	84.2	-20	9	5	88.7	91.8
8	8	8	85.4	86.7	-23	8	14	112.1	110.1	0	8	20	66.2	58.4	-19	9	5	81.3	79.0
9	8	8	136.9	145.2	-22	8	14	45.9	56.9	-28	9	1	14.3	3.6	-18	9	5	77.1	78.3
10	8	8	135.8	141.7	-21	8	14	70.9	74.9	-27	9	1	14.2	6.7	-17	9	5	47.9	47.3
11	8	8	38.7	37.5	-20	8	14	128.1	123.6	-26	9	1	24.5	15.3	-16	9	5	22.7	14.7
12	8	8	27.5	22.9	-19	8	14	14.2	6.5	-25	9	1	13.9	14.3	-15	9	5	36.4	30.1
13	8	8	18.2	12.9	-18	8	14	128.2	132.3	-24	9	1	13.8	9.6	-14	9	5	104.1	99.2
14	8	8	78.5	83.4	-17	8	14	38.8	45.6	-23	9	1	35.0	36.9	-13	9	5	42.3	39.7
15	8	8	94.3	95.6	-16	8	14	124.2	129.7	-22	9	1	116.3	117.5	-12	9	5	65.1	55.0
16	8	8	31.1	33.2	-15	8	14	30.5	21.4	-21	9	1	78.5	77.8	-11	9	5	46.1	40.0
17	8	8	13.8	21.0	-14	8	14	65.0	71.6	-20	9	1	29.1	27.4	-10	9	5	136.5	127.1
18	8	8	189.5	186.6	-13	8	14	78.8	86.6	-19	9	1	82.3	81.2	-9	9	5	80.4	75.3
19	8	8	63.1	72.6	-12	8	14	19.2	8.2	-18	9	1	110.8	114.0	-8	9	5	84.8	70.7
20	8	8	96.5	98.8	-11	8	14	54.6	53.2	-17	9	1	12.9	17.7	-7	9	5	49.6	44.6
21	8	8	28.2	31.1	-10	8	14	13.8	8.3	-16	9	1	46.7	45.9	-6	9	5	108.3	96.2
22	8	8	159.5	159.2	-9	8	14	59.4	59.5	-15	9	1	80.4	84.7	-5	9	5	90.1	83.2
23	8	8	14.6	3.9	-8	8	14	64.4	64.7	-14	9	1	71.9	71.0	-4	9	5	115.7	116.4
24	8	8	82.6	82.7	-7	8	14	13.4	8.3	-13	9	1	79.3	79.5	-3	9	5	80.8	83.7
-30	8	10	93.6	94.9	-6	8	14	61.4	68.8	-12	9	1	24.9	31.7	-2	9	5	73.8	77.2
-29	8	10	41.4	39.3	-5	8	14	40.0	43.7	-11	9	1	114.2	113.9	-1	9	5	11.6	7.0
-28	8	10	107.8	108.8	-4	8	14	120.1	123.0	-10	9	1	285.3	287.4	0	9	5	52.6	47.7
-27	8	10	15.2	8.4	-3	8	14	97.7	93.3	-9	9	1	170.0	164.5	1	9	5	70.5	77.8
-26	8	10	14.9	12.0	-2	8	14	91.4	90.8	-8	9	1	85.1	88.1	2	9	5	118.2	128.0
-25	8	10	22.3	24.6	-1	8	14	34.2	32.1	-7	9	1	115.6	110.6	3	9	5	145.6	153.7
-24	8	10	39.2	35.6	0	8	14	77.9	79.6	-6	9	1	108.6	106.1	4	9	5	256.5	275.3
-23	8	10	35.6	35.9	1	8	14	12.9	2.7	-5	9	1	33.5	34.3	5	9	5	21.0	21.0
-22	8	10	14.8	9.8	2	8	14	42.6	42.6	-4	9	1	68.3	59.7	6	9	5	19.8	21.4
-21	8	10	71.8	66.7	3	8	14	41.3	44.0	-3	9	1	60.3	58.3	7	9	5	11.9	22.6
-20	8	10	26.7	27.6	4	8	14	268.9	277.2	-2	9	1	43.7	42.8	8	9	5	56.6	57.8

-19	8	10	42.3	25.3	5	8	14	58.9	60.1	-1	9	1	121.9	103.7	9	9	5	33.7	35.0
-18	8	10	14.5	9.2	6	8	14	27.8	25.3	0	9	1	11.2	10.9	10	9	5	109.1	119.3
-17	8	10	14.5	15.9	7	8	14	58.1	54.9	1	9	1	35.9	40.6	11	9	5	41.3	55.6
-16	8	10	141.9	132.8	8	8	14	23.6	15.1	2	9	1	10.9	10.3	12	9	5	12.4	12.9
-15	8	10	98.1	87.0	9	8	14	13.4	14.0	3	9	1	54.4	58.2	13	9	5	35.9	37.3
-14	8	10	107.0	103.6	10	8	14	13.4	9.2	4	9	1	16.1	19.0	14	9	5	31.3	28.7
-13	8	10	56.3	47.8	11	8	14	13.6	14.3	5	9	1	11.3	6.9	15	9	5	54.5	52.7
-12	8	10	177.2	179.0	12	8	14	80.6	82.7	6	9	1	172.3	177.2	16	9	5	13.1	20.5
-11	8	10	109.6	115.9	13	8	14	46.7	55.1	7	9	1	83.7	87.3	17	9	5	13.1	11.2
-10	8	10	74.8	77.2	14	8	14	37.9	47.4	8	9	1	155.9	160.0	18	9	5	55.9	53.1
-9	8	10	35.7	34.7	15	8	14	19.7	15.2	9	9	1	51.1	58.0	19	9	5	13.5	12.6
-8	8	10	273.7	268.5	16	8	14	61.0	58.2	10	9	1	24.0	22.8	20	9	5	112.3	114.2
-7	8	10	13.4	12.9	-25	8	16	14.5	13.7	11	9	1	11.9	3.6	21	9	5	64.8	64.5
-6	8	10	32.0	39.8	-24	8	16	131.8	139.1	12	9	1	12.1	17.3	22	9	5	14.1	3.6
-5	8	10	189.7	191.0	-23	8	16	102.3	110.4	13	9	1	37.3	32.9	23	9	5	14.2	6.7
-4	8	10	12.5	5.2	-22	8	16	87.4	94.1	14	9	1	66.5	62.9	24	9	5	32.4	30.1
-3	8	10	21.3	21.2	-21	8	16	34.6	47.7	15	9	1	41.8	39.3	25	9	5	14.7	3.6
-2	8	10	97.8	100.9	-20	8	16	40.8	32.1	16	9	1	22.6	20.3	-29	9	7	14.7	5.4
-1	8	10	20.0	12.6	-19	8	16	14.0	16.7	17	9	1	52.6	51.7	-28	9	7	14.8	7.1
0	8	10	79.4	81.2	-18	8	16	14.0	11.3	18	9	1	118.0	121.0	-27	9	7	94.2	89.3
1	8	10	126.5	129.3	-17	8	16	79.6	77.6	19	9	1	13.3	17.1	-26	9	7	38.2	35.9
2	8	10	12.3	12.7	-16	8	16	110.2	110.6	20	9	1	25.0	24.3	-25	9	7	36.3	33.7
3	8	10	71.9	73.7	-15	8	16	101.3	95.8	21	9	1	70.1	71.7	-24	9	7	29.3	26.1
4	8	10	143.9	155.5	-14	8	16	61.5	66.1	22	9	1	14.0	6.9	-23	9	7	36.4	34.7
5	8	10	35.6	40.1	-13	8	16	14.1	29.0	23	9	1	52.0	50.4	-22	9	7	93.3	86.0
6	8	10	86.8	92.2	-12	8	16	13.8	4.0	24	9	1	50.5	48.8	-21	9	7	50.0	44.9
7	8	10	12.5	8.8	-11	8	16	26.7	24.6	25	9	1	92.2	90.8	-20	9	7	44.4	42.1
8	8	10	175.9	185.4	-10	8	16	62.2	58.9	26	9	1	14.1	5.0	-19	9	7	24.7	24.3
9	8	10	45.0	47.5	-9	8	16	13.9	9.5	27	9	1	27.8	33.1	-18	9	7	14.1	8.5
10	8	10	41.5	39.3	-8	8	16	65.9	65.7	28	9	1	101.1	101.4	-17	9	7	137.1	128.2
11	8	10	24.0	25.9	-7	8	16	28.5	31.7	-29	9	3	132.8	134.4	-16	9	7	32.8	27.7
12	8	10	81.7	80.1	-6	8	16	71.4	67.8	-28	9	3	14.5	8.6	-15	9	7	29.6	20.1
13	8	10	13.1	1.4	-5	8	16	13.9	26.1	-27	9	3	61.0	53.7	-14	9	7	112.2	98.7
14	8	10	97.8	96.2	-4	8	16	13.6	10.6	-26	9	3	14.3	4.3	-13	9	7	151.5	135.3
15	8	10	22.5	37.2	-3	8	16	25.9	5.0	-25	9	3	169.1	169.1	-12	9	7	114.8	102.4
16	8	10	61.1	65.2	-2	8	16	21.9	4.3	-24	9	3	112.1	116.5	-11	9	7	107.1	95.3
17	8	10	13.4	5.7	-1	8	16	65.9	70.5	-23	9	3	29.2	28.7	-10	9	7	23.0	13.7
18	8	10	13.5	10.3	0	8	16	13.8	28.1	-22	9	3	13.7	6.8	-9	9	7	136.7	130.9
19	8	10	21.5	3.0	1	8	16	91.1	92.4	-21	9	3	44.3	52.7	-8	9	7	84.1	80.4
20	8	10	55.9	60.6	2	8	16	23.9	30.4	-20	9	3	13.4	16.6	-7	9	7	43.2	44.5
21	8	10	14.9	13.2	3	8	16	62.1	63.3	-19	9	3	73.5	75.8	-6	9	7	13.8	10.0
22	8	10	142.1	139.9	4	8	16	70.1	69.5	-18	9	3	100.2	99.7	-5	9	7	55.3	60.5
-29	8	12	139.1	126.2	5	8	16	35.7	38.2	-17	9	3	12.9	2.2	-4	9	7	176.2	181.6
-28	8	12	58.1	57.0	6	8	16	154.8	159.2	-16	9	3	106.5	105.1	-3	9	7	116.1	119.7
-27	8	12	94.9	92.3	7	8	16	52.0	47.6	-15	9	3	47.0	41.1	-2	9	7	113.3	119.8
-26	8	12	54.1	59.1	8	8	16	43.3	41.0	-14	9	3	131.7	135.0	-1	9	7	26.5	31.5
-25	8	12	21.4	4.7	9	8	16	26.6	23.1	-13	9	3	12.9	1.8	0	9	7	151.7	165.6
-24	8	12	14.8	7.0	10	8	16	39.0	39.3	-12	9	3	46.0	39.0	1	9	7	78.6	87.3
-23	8	12	25.6	29.2	11	8	16	55.7	58.0	-11	9	3	134.9	128.5	2	9	7	11.7	5.1
-22	8	12	107.5	100.0	12	8	16	22.6	16.5	-10	9	3	92.3	88.7	3	9	7	156.5	170.7
-21	8	12	63.1	61.7	-22	8	18	13.9	8.6	-9	9	3	178.5	172.2	4	9	7	114.8	125.1
-20	8	12	59.4	52.1	-21	8	18	53.8	51.3	-8	9	3	112.2	114.2	5	9	7	56.1	52.5
-19	8	12	53.8	54.2	-20	8	18	80.2	88.6	-7	9	3	121.1	110.6	6	9	7	26.6	30.1
-18	8	12	111.2	103.9	-19	8	18	26.0	28.1	-6	9	3	133.6	121.8	7	9	7	66.5	70.9
-17	8	12	53.5	52.6	-18	8	18	51.4	53.6	-5	9	3	125.3	112.3	8	9	7	11.9	7.2
-16	8	12	119.6	124.1	-17	8	18	72.3	69.5	-4	9	3	14.7	18.9	9	9	7	17.9	9.0
-15	8	12	113.0	111.3	-16	8	18	57.6	62.0	-3	9	3	63.9	52.1	10	9	7	56.8	60.8
-14	8	12	50.4	50.0	-15	8	18	65.2	64.1	-2	9	3	12.9	17.3	11	9	7	22.8	23.1
-13	8	12	23.3	27.8	-14	8	18	128.9	137.3	-1	9	3	58.0	62.6	12	9	7	12.5	2.7
-12	8	12	35.7	27.0	-13	8	18	42.1	48.6	0	9	3	62.2	65.6	13	9	7	19.3	12.4
-11	8	12	95.0	97.8	-12	8	18	53.8	52.1	1	9	3	69.4	75.7	14	9	7	13.0	12.7
-10	8	12	32.3	32.2	-11	8	18	106.6	105.7	2	9	3	17.1	23.4	15	9	7	20.0	13.8
-9	8	12	28.1	23.5	-10	8	18	70.6	75.2	3	9	3	73.5	80.3	16	9	7	27.6	27.2
-8	8	12	115.1	116.9	-9	8	18	28.1	33.5	4	9	3	120.8	135.0	17	9	7	37.1	34.2
-7	8	12	138.1	133.1	-8	8	18	39.4	33.5	5	9	3	48.0	44.3	18	9	7	29.6	23.6

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
19	9	7	22.9	19.9	-6	9	13	93.1	98.1	20	10	0	47.8	48.5	-15	10	6	24.5	15.2
20	9	7	21.6	6.6	-5	9	13	63.0	61.6	21	10	0	14.0	24.7	-14	10	6	14.3	8.5
21	9	7	87.3	88.3	-4	9	13	42.6	45.0	22	10	0	93.7	91.5	-13	10	6	124.0	110.6
22	9	7	28.0	34.7	-3	9	13	57.3	60.3	23	10	0	70.0	65.6	-12	10	6	222.0	206.3
23	9	7	29.0	30.7	-2	9	13	68.9	72.1	24	10	0	26.0	27.2	-11	10	6	14.6	17.1
-29	9	9	15.4	12.0	-1	9	13	64.4	69.3	25	10	0	14.6	20.7	-10	10	6	25.7	20.4
-28	9	9	86.8	89.3	0	9	13	12.9	5.5	26	10	0	79.6	73.0	-9	10	6	61.2	52.3
-27	9	9	130.5	120.6	1	9	13	38.0	39.6	-27	10	2	85.9	80.1	-8	10	6	173.0	152.7
-26	9	9	45.5	47.2	2	9	13	13.1	20.1	-26	10	2	14.7	13.0	-7	10	6	97.6	86.2
-25	9	9	50.9	51.7	3	9	13	47.7	50.6	-25	10	2	14.6	11.7	-6	10	6	34.4	30.6
-24	9	9	113.4	105.0	4	9	13	29.7	30.2	-24	10	2	139.5	137.2	-5	10	6	81.1	81.3
-23	9	9	97.1	90.1	5	9	13	67.2	70.5	-23	10	2	14.2	6.2	-4	10	6	313.5	313.4
-22	9	9	78.2	75.0	6	9	13	69.8	65.8	-22	10	2	19.9	5.6	-3	10	6	59.2	62.6
-21	9	9	151.2	138.7	7	9	13	46.9	53.9	-21	10	2	110.2	108.0	-2	10	6	57.0	54.4
-20	9	9	123.6	122.5	8	9	13	80.8	78.0	-20	10	2	85.6	80.9	-1	10	6	46.0	47.6
-19	9	9	71.4	63.4	9	9	13	13.3	5.0	-19	10	2	14.9	16.8	0	10	6	77.7	85.1
-18	9	9	44.6	35.1	10	9	13	51.9	57.3	-18	10	2	13.6	7.3	1	10	6	39.0	52.3
-17	9	9	51.5	43.5	11	9	13	27.7	31.9	-17	10	2	35.1	33.8	2	10	6	24.7	21.7
-16	9	9	65.3	60.9	12	9	13	50.2	52.3	-16	10	2	292.5	287.4	3	10	6	117.7	126.4
-15	9	9	124.0	112.7	13	9	13	79.4	81.5	-15	10	2	79.4	74.8	4	10	6	94.2	94.9
-14	9	9	46.5	47.8	14	9	13	37.2	8.7	-14	10	2	33.0	26.5	5	10	6	63.3	63.5
-13	9	9	20.9	15.2	15	9	13	14.2	20.9	-13	10	2	56.7	56.8	6	10	6	99.9	99.4
-12	9	9	57.9	50.7	16	9	13	14.3	27.0	-12	10	2	27.0	25.2	7	10	6	93.4	101.2
-11	9	9	139.4	134.6	-24	9	15	21.2	19.4	-11	10	2	21.9	19.2	8	10	6	60.0	67.8
-10	9	9	60.4	55.3	-23	9	15	14.6	14.7	-10	10	2	24.0	25.6	9	10	6	111.0	117.2
-9	9	9	112.3	108.7	-22	9	15	14.4	11.6	-9	10	2	62.4	64.3	10	10	6	18.2	5.9
-8	9	9	40.0	37.9	-21	9	15	102.1	99.1	-8	10	2	232.5	219.4	11	10	6	25.6	18.1
-7	9	9	127.6	125.8	-20	9	15	36.7	38.2	-7	10	2	13.0	10.8	12	10	6	172.7	177.0
-6	9	9	62.5	63.7	-19	9	15	47.9	44.8	-6	10	2	13.1	7.7	13	10	6	60.6	67.4
-5	9	9	34.6	36.3	-18	9	15	23.6	25.9	-5	10	2	44.5	44.6	14	10	6	103.8	105.7
-4	9	9	65.7	64.7	-17	9	15	150.7	151.1	-4	10	2	178.1	165.8	15	10	6	39.6	38.3
-3	9	9	87.2	94.7	-16	9	15	38.7	39.5	-3	10	2	122.5	109.0	16	10	6	163.2	165.5
-2	9	9	12.4	17.4	-15	9	15	78.4	78.9	-2	10	2	26.6	24.6	17	10	6	44.7	40.3
-1	9	9	73.5	74.7	-14	9	15	118.1	121.7	-1	10	2	22.7	21.5	18	10	6	118.0	118.4
0	9	9	73.1	72.9	-13	9	15	14.0	7.2	0	10	2	250.6	267.0	19	10	6	43.1	41.8
1	9	9	100.0	102.1	-12	9	15	26.6	21.1	1	10	2	11.5	3.3	20	10	6	47.4	46.6
2	9	9	55.5	61.1	-11	9	15	56.4	55.3	2	10	2	37.2	37.3	21	10	6	14.0	11.1
3	9	9	116.0	125.8	-10	9	15	14.7	27.6	3	10	2	65.2	69.2	22	10	6	14.3	2.6
4	9	9	12.2	3.3	-9	9	15	110.6	108.2	4	10	2	140.1	151.7	-27	10	8	39.9	45.1
5	9	9	55.9	55.2	-8	9	15	22.3	4.3	5	10	2	18.2	30.2	-26	10	8	73.0	72.3
6	9	9	17.5	15.7	-7	9	15	14.1	4.2	6	10	2	127.4	136.2	-25	10	8	15.0	13.7
7	9	9	12.5	19.3	-6	9	15	137.7	134.3	7	10	2	40.3	44.6	-24	10	8	15.0	0.7
8	9	9	90.0	92.9	-5	9	15	13.9	18.5	8	10	2	119.3	123.3	-23	10	8	42.5	35.2
9	9	9	35.3	37.4	-4	9	15	46.9	48.8	9	10	2	34.9	35.3	-22	10	8	110.6	103.2
10	9	9	13.0	9.1	-3	9	15	84.8	86.4	10	10	2	66.7	67.2	-21	10	8	14.8	12.8
11	9	9	30.0	29.9	-2	9	15	13.6	11.3	11	10	2	12.4	16.3	-20	10	8	15.0	9.9
12	9	9	74.8	79.3	-1	9	15	55.5	58.9	12	10	2	70.8	70.6	-19	10	8	44.6	35.4
13	9	9	22.8	25.5	0	9	15	69.7	67.1	13	10	2	81.6	78.1	-18	10	8	64.7	60.4
14	9	9	36.4	45.1	1	9	15	27.2	23.0	14	10	2	111.6	113.5	-17	10	8	54.2	56.1
15	9	9	61.7	62.5	2	9	15	22.6	20.3	15	10	2	57.1	59.3	-16	10	8	51.1	41.3
16	9	9	79.7	82.4	3	9	15	86.1	86.8	16	10	2	144.8	152.3	-15	10	8	44.0	33.3
17	9	9	14.1	17.7	4	9	15	13.8	7.4	17	10	2	54.4	56.7	-14	10	8	253.4	222.3
18	9	9	104.1	106.1	5	9	15	41.2	41.5	18	10	2	13.4	4.0	-13	10	8	15.4	14.4
19	9	9	50.8	54.3	6	9	15	13.5	9.8	19	10	2	58.1	61.7	-12	10	8	36.0	33.3
20	9	9	14.1	17.3	7	9	15	46.2	41.5	20	10	2	99.5	97.6	-11	10	8	121.8	116.5
21	9	9	14.3	4.4	8	9	15	25.0	14.1	21	10	2	24.7	26.0	-10	10	8	96.0	87.9
-28	9	11	59.0	54.1	9	9	15	14.0	5.4	22	10	2	24.1	9.2	-9	10	8	47.7	42.0
-27	9	11	65.3	64.8	10	9	15	51.4	49.4	23	10	2	14.1	4.1	-8	10	8	54.9	52.4
-26	9	11	55.2	49.8	11	9	15	13.9	1.0	24	10	2	69.7	74.3	-7	10	8	95.2	90.6

-25	9	11	39.6	29.8	12	9	15	50.6	52.7	25	10	2	41.4	30.4	-6	10	8	43.0	34.8
-24	9	11	74.7	66.7	-21	9	17	22.2	20.2	-27	10	4	94.4	93.9	-5	10	8	112.4	112.4
-23	9	11	15.2	4.3	-20	9	17	34.1	42.2	-26	10	4	110.7	109.5	-4	10	8	51.8	50.9
-22	9	11	87.7	83.6	-19	9	17	66.5	68.2	-25	10	4	14.4	2.7	-3	10	8	79.0	76.3
-21	9	11	115.4	107.6	-18	9	17	28.0	24.9	-24	10	4	14.8	23.5	-2	10	8	220.8	232.2
-20	9	11	142.3	133.4	-17	9	17	67.1	73.1	-23	10	4	58.7	53.9	-1	10	8	12.7	11.0
-19	9	11	59.0	55.5	-16	9	17	20.7	27.3	-22	10	4	95.1	87.4	0	10	8	12.3	14.8
-18	9	11	50.9	50.8	-15	9	17	14.1	5.8	-21	10	4	61.1	56.3	1	10	8	55.8	56.9
-17	9	11	69.4	73.8	-14	9	17	72.4	71.4	-20	10	4	111.5	107.3	2	10	8	217.8	236.0
-16	9	11	23.2	21.3	-13	9	17	101.8	106.9	-19	10	4	43.9	37.5	3	10	8	12.6	10.0
-15	9	11	13.9	1.9	-12	9	17	14.8	17.2	-18	10	4	74.8	71.1	4	10	8	20.8	10.3
-14	9	11	14.0	17.9	-11	9	17	164.5	166.8	-17	10	4	47.9	43.1	5	10	8	38.9	39.7
-13	9	11	37.5	39.8	-10	9	17	14.4	8.6	-16	10	4	14.0	15.9	6	10	8	30.3	28.9
-12	9	11	71.1	71.3	-9	9	17	14.5	12.3	-15	10	4	73.4	73.8	7	10	8	90.9	95.0
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-10	9	11	40.8	40.3	-7	9	17	29.2	18.2	-13	10	4	73.2	61.6	9	10	8	23.1	22.8
-9	9	11	24.3	22.9	-6	9	17	63.1	58.0	-12	10	4	28.1	26.1	10	10	8	51.7	55.3
-8	9	11	31.0	27.5	-5	9	17	79.3	75.0	-11	10	4	39.6	36.3	11	10	8	13.1	8.5
-7	9	11	60.0	61.9	-4	9	17	60.1	62.2	-10	10	4	163.6	151.8	12	10	8	24.0	27.0
-6	9	11	30.9	29.1	-3	9	17	89.9	83.1	-9	10	4	100.8	97.6	13	10	8	19.0	21.8
-5	9	11	158.7	164.6	-2	9	17	14.0	10.6	-8	10	4	14.2	0.8	14	10	8	93.5	93.9
-4	9	11	72.2	77.1	-1	9	17	61.9	61.8	-7	10	4	46.5	38.1	15	10	8	39.8	35.0
-3	9	11	34.7	34.7	0	9	17	51.3	48.4	-6	10	4	27.7	26.9	16	10	8	101.3	101.1
-2	9	11	12.6	5.2	1	9	17	78.6	69.3	-5	10	4	124.4	107.3	17	10	8	81.7	80.1
-1	9	11	64.7	67.8	2	9	17	107.2	101.6	-4	10	4	182.6	164.5	18	10	8	63.2	61.3
0	9	11	74.1	75.7	3	9	17	136.0	137.9	-3	10	4	51.4	54.5	19	10	8	29.1	20.4
1	9	11	12.7	15.6	4	9	17	94.0	94.8	-2	10	4	183.4	186.3	20	10	8	26.6	18.4
2	9	11	112.2	118.8	5	9	17	71.3	68.7	-1	10	4	52.9	53.6	-26	10	10	36.8	32.1
3	9	11	20.2	11.9	6	9	17	43.6	41.0	0	10	4	11.7	0.9	-25	10	10	57.1	53.1
4	9	11	80.5	83.1	7	9	17	14.1	12.2	1	10	4	67.6	68.3	-24	10	10	51.3	46.0
5	9	11	105.0	109.3	-15	9	19	13.7	6.1	2	10	4	147.9	166.9	-23	10	10	27.0	31.1
6	9	11	49.3	52.9	-14	9	19	14.2	6.9	3	10	4	11.9	2.7	-22	10	10	84.2	78.8
7	9	11	21.7	10.1	-13	9	19	61.2	60.2	4	10	4	162.8	173.8	-21	10	10	15.1	4.7
8	9	11	108.4	113.9	-12	9	19	89.6	89.8	5	10	4	200.0	211.6	-20	10	10	85.8	80.5
9	9	11	36.1	38.1	-11	9	19	98.3	104.8	6	10	4	115.4	125.1	-19	10	10	25.7	22.1
10	9	11	53.6	52.7	-10	9	19	74.1	78.5	7	10	4	35.5	45.5	-18	10	10	37.4	38.0
11	9	11	47.8	45.9	-9	9	19	160.1	146.7	8	10	4	12.2	8.9	-17	10	10	154.1	145.9
12	9	11	86.5	84.3	-8	9	19	64.0	61.1	9	10	4	12.4	2.2	-16	10	10	14.5	9.9
13	9	11	30.9	47.0	-7	9	19	44.5	34.9	10	10	4	215.6	224.8	-15	10	10	14.9	16.6
14	9	11	46.5	56.6	-6	9	19	70.5	66.6	11	10	4	125.9	131.2	-14	10	10	14.9	28.6
15	9	11	69.8	74.2	-5	9	19	143.1	137.1	12	10	4	57.5	61.9	-13	10	10	50.4	45.3
16	9	11	40.9	38.3	-4	9	19	14.6	1.6	13	10	4	82.0	84.8	-12	10	10	156.3	155.7
17	9	11	14.2	23.0	-3	9	19	52.1	52.7	14	10	4	93.2	96.0	-11	10	10	46.5	49.3
18	9	11	100.8	97.9	-2	9	19	40.5	37.3	15	10	4	13.0	11.9	-10	10	10	176.5	171.4
19	9	11	14.4	15.4	-1	9	19	14.8	16.6	16	10	4	13.4	25.2	-9	10	10	53.9	52.2
-26	9	13	15.2	17.8	0	10	0	61.4	59.8	17	10	4	20.5	1.1	-8	10	10	74.9	70.3
-25	9	13	28.1	22.2	1	10	0	62.3	59.2	18	10	4	85.9	86.4	-7	10	10	33.1	30.5
-24	9	13	14.9	3.8	2	10	0	184.6	187.5	19	10	4	13.9	14.4	-6	10	10	84.7	86.8
-23	9	13	115.6	121.3	3	10	0	74.3	72.2	20	10	4	29.4	16.8	-5	10	10	33.9	34.5
-22	9	13	23.0	25.3	4	10	0	101.1	97.6	21	10	4	31.5	32.9	-4	10	10	13.0	18.7
-21	9	13	44.3	41.1	5	10	0	66.3	68.5	22	10	4	121.7	118.4	-3	10	10	12.8	12.2
-20	9	13	60.0	60.3	6	10	0	295.9	297.0	23	10	4	14.5	0.5	-2	10	10	59.0	59.0
-19	9	13	107.4	103.7	7	10	0	145.2	140.8	24	10	4	46.1	53.9	-1	10	10	13.1	4.6
-18	9	13	36.1	29.5	8	10	0	208.6	213.6	-27	10	6	71.7	65.3	0	10	10	195.3	207.2
-17	9	13	14.4	2.9	9	10	0	90.6	90.5	-26	10	6	32.8	31.9	1	10	10	68.2	67.7
-16	9	13	113.1	115.1	10	10	0	158.6	164.1	-25	10	6	15.2	4.8	2	10	10	29.4	28.9
-15	9	13	163.5	160.9	11	10	0	84.3	81.3	-24	10	6	237.2	228.6	3	10	10	66.3	65.6
-14	9	13	38.5	41.5	12	10	0	12.6	1.6	-23	10	6	50.0	49.9	4	10	10	37.2	35.6
-13	9	13	72.2	77.3	13	10	0	39.2	39.3	-22	10	6	14.6	14.1	5	10	10	38.1	38.5
-12	9	13	42.8	40.7	14	10	0	177.0	177.4	-21	10	6	14.4	16.3	6	10	10	153.3	161.1
-11	9	13	117.3	114.3	15	10	0	33.2	28.8	-20	10	6	14.4	3.2	7	10	10	70.3	81.6
-10	9	13	198.6	197.8	16	10	0	17.3	3.9	-19	10	6	52.4	53.6	8	10	10	280.9	291.7
-9	9	13	152.0	154.2	17	10	0	17.3	15.7	-18	10	6	14.6	20.2	9	10	10	22.1	4.9
-8	9	13	68.9	67.8	18	10	0	53.3	50.9	-17	10	6	49.7	40.3	10	10	10	20.2	21.5
-7	9	13	40.9	42.2	19	10	0	18.3	9.3	-16	10	6	14.6	26.5	11	10	10	61.4	63.4

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
12	10	10	14.0	25.7	-19	11	1	36.3	34.8	8	11	5	74.6	73.3	3	11	11	13.4	13.0
13	10	10	34.8	30.9	-18	11	1	47.5	49.3	9	11	5	61.0	67.4	4	11	11	13.6	11.6
14	10	10	22.1	22.5	-17	11	1	114.7	114.7	10	11	5	23.8	11.4	5	11	11	26.6	28.6
15	10	10	89.1	91.8	-16	11	1	47.9	37.9	11	11	5	20.2	20.5	6	11	11	88.7	95.3
16	10	10	74.3	66.3	-15	11	1	58.7	54.6	12	11	5	29.4	32.8	7	11	11	103.0	107.1
17	10	10	14.2	14.9	-14	11	1	13.5	11.4	13	11	5	35.7	35.3	8	11	11	34.4	45.4
18	10	10	59.7	52.9	-13	11	1	13.3	12.3	14	11	5	62.4	68.1	9	11	11	45.5	52.0
-25	10	12	15.7	22.3	-12	11	1	13.3	19.3	15	11	5	29.4	32.2	10	11	11	84.6	88.2
-24	10	12	97.4	92.8	-11	11	1	13.1	18.0	16	11	5	73.8	76.0	11	11	11	54.6	55.8
-23	10	12	28.0	32.8	-10	11	1	23.7	24.8	17	11	5	79.4	81.7	12	11	11	39.5	46.1
-22	10	12	88.7	82.6	-9	11	1	22.4	3.5	18	11	5	14.1	2.6	13	11	11	14.4	17.9
-21	10	12	14.9	14.1	-8	11	1	21.7	20.5	19	11	5	33.3	31.3	-20	11	13	79.7	78.5
-20	10	12	24.3	10.7	-7	11	1	75.8	75.9	20	11	5	14.3	4.7	-19	11	13	26.5	23.9
-19	10	12	42.9	42.6	-6	11	1	90.4	83.5	21	11	5	14.3	5.4	-18	11	13	91.7	98.2
-18	10	12	39.8	36.1	-5	11	1	47.9	49.7	-24	11	7	32.6	30.5	-17	11	13	42.2	46.5
-17	10	12	65.3	67.2	-4	11	1	64.1	60.9	-23	11	7	62.8	58.5	-16	11	13	38.7	37.5
-16	10	12	23.5	8.5	-3	11	1	13.2	3.4	-22	11	7	43.6	43.4	-15	11	13	89.8	87.8
-15	10	12	32.5	38.2	-2	11	1	13.9	11.2	-21	11	7	46.1	37.1	-14	11	13	14.7	10.9
-14	10	12	14.3	9.7	-1	11	1	15.4	14.7	-20	11	7	22.4	26.8	-13	11	13	62.7	62.7
-13	10	12	14.3	16.3	0	11	1	53.2	57.2	-19	11	7	40.7	39.4	-12	11	13	47.6	46.3
-12	10	12	58.9	56.4	1	11	1	11.9	10.3	-18	11	7	15.2	13.1	-11	11	13	27.0	24.1
-11	10	12	54.0	51.1	2	11	1	18.2	15.3	-17	11	7	132.4	125.6	-10	11	13	48.5	42.5
-10	10	12	74.0	74.6	3	11	1	35.9	39.8	-16	11	7	29.1	25.4	-9	11	13	38.4	42.0
-9	10	12	39.2	42.0	4	11	1	11.7	3.3	-15	11	7	57.3	51.2	-8	11	13	62.3	62.8
-8	10	12	75.4	74.3	5	11	1	11.9	10.1	-14	11	7	15.1	14.0	-7	11	13	85.6	88.2
-7	10	12	13.9	5.8	6	11	1	65.1	67.6	-13	11	7	122.5	105.1	-6	11	13	14.3	10.2
-6	10	12	105.2	104.8	7	11	1	77.4	77.3	-12	11	7	15.7	22.3	-5	11	13	14.1	10.6
-5	10	12	13.6	19.8	8	11	1	12.8	7.2	-11	11	7	37.7	33.9	-4	11	13	21.5	30.5
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-3	10	12	34.6	38.8	10	11	1	45.0	50.0	-9	11	7	15.0	15.7	-2	11	13	14.2	4.1
-2	10	12	205.5	212.0	11	11	1	12.8	0.6	-8	11	7	14.5	5.3	-1	11	13	107.3	104.9
-1	10	12	13.5	12.3	12	11	1	13.2	13.0	-7	11	7	74.0	69.3	0	11	13	45.4	48.0
0	10	12	13.2	20.3	13	11	1	84.4	87.8	-6	11	7	61.8	57.3	1	11	13	67.6	66.4
1	10	12	53.8	53.7	14	11	1	46.2	46.5	-5	11	7	23.2	21.5	2	11	13	14.0	21.1
2	10	12	26.5	29.4	15	11	1	86.4	82.1	-4	11	7	13.5	10.0	3	11	13	36.4	41.7
3	10	12	25.5	14.7	16	11	1	104.2	99.9	-3	11	7	42.7	35.7	4	11	13	13.8	5.5
4	10	12	28.1	25.3	17	11	1	48.6	47.6	-2	11	7	30.1	32.9	5	11	13	48.9	42.4
5	10	12	37.1	31.7	18	11	1	38.8	27.4	-1	11	7	77.6	80.1	6	11	13	14.1	13.6
6	10	12	27.8	15.4	19	11	1	14.4	14.9	0	11	7	48.2	54.2	7	11	13	14.1	19.1
7	10	12	84.7	88.0	20	11	1	64.4	63.4	1	11	7	12.8	19.8	8	11	13	13.8	2.5
8	10	12	43.1	44.3	21	11	1	62.0	60.6	2	11	7	50.2	52.3	9	11	13	14.0	11.1
9	10	12	13.9	16.0	22	11	1	14.3	1.4	3	11	7	12.9	19.2	10	11	13	28.3	28.4
10	10	12	76.2	80.1	23	11	1	14.4	4.7	4	11	7	122.1	126.1	-16	11	15	14.7	15.8
11	10	12	14.4	25.6	-25	11	3	31.6	29.7	5	11	7	40.9	38.7	-15	11	15	22.5	22.3
12	10	12	49.2	49.7	-24	11	3	63.3	56.8	6	11	7	36.3	35.6	-14	11	15	41.2	44.8
13	10	12	47.9	64.0	-23	11	3	27.9	23.5	7	11	7	12.7	7.0	-13	11	15	76.1	78.3
14	10	12	159.5	158.4	-22	11	3	15.0	29.6	8	11	7	97.2	103.4	-12	11	15	29.4	31.6
15	10	12	55.0	29.8	-21	11	3	14.5	15.3	9	11	7	83.6	89.6	-11	11	15	15.0	27.5
-22	10	14	46.7	51.4	-20	11	3	56.7	52.8	10	11	7	27.1	32.3	-10	11	15	73.3	80.9
-21	10	14	38.1	34.6	-19	11	3	14.5	20.1	11	11	7	42.1	48.9	-9	11	15	149.8	137.4
-20	10	14	14.3	4.9	-18	11	3	34.8	33.1	12	11	7	13.6	14.2	-8	11	15	35.9	37.4
-19	10	14	41.7	43.6	-17	11	3	116.4	111.2	13	11	7	29.8	31.6	-7	11	15	14.6	8.5
-18	10	14	48.1	44.9	-16	11	3	43.6	39.6	14	11	7	71.2	68.6	-6	11	15	68.6	65.1
-17	10	14	70.5	74.3	-15	11	3	13.9	19.9	15	11	7	77.3	79.4	-5	11	15	94.9	84.6
-16	10	14	130.6	129.3	-14	11	3	14.0	15.9	16	11	7	14.0	4.3	-4	11	15	58.6	57.3
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-14	10	14	14.1	5.2	-12	11	3	94.8	95.0	18	11	7	14.4	19.3	-2	11	15	14.3	6.7
-13	10	14	14.3	10.5	-11	11	3	115.2	109.8	19	11	7	23.2	9.2	-1	11	15	72.7	71.2
-12	10	14	84.2	82.3	-10	11	3	109.8	103.6	-24	11	9	15.7	4.4	0	11	15	21.0	25.5

-11	10	14	14.3	8.3	-9	11	3	60.2	63.4	-23	11	9	15.3	6.0	1	11	15	14.6	23.7
-10	10	14	66.0	67.7	-8	11	3	107.4	104.0	-22	11	9	15.3	6.8	2	11	15	30.1	25.8
-9	10	14	21.9	23.9	-7	11	3	47.0	44.2	-21	11	9	31.1	22.3	3	11	15	44.1	45.1
-8	10	14	51.9	49.3	-6	11	3	14.4	6.5	-20	11	9	96.3	89.5	4	11	15	33.9	29.5
-7	10	14	78.9	78.1	-5	11	3	67.2	59.2	-19	11	9	35.7	30.4	0	12	0	149.9	156.2
-6	10	14	69.9	74.9	-4	11	3	160.3	140.8	-18	11	9	90.1	85.7	1	12	0	56.9	56.1
-5	10	14	67.0	67.0	-3	11	3	77.3	63.1	-17	11	9	15.7	18.8	2	12	0	63.0	60.1
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-2	10	14	68.6	67.3	0	11	3	61.3	67.4	-14	11	9	78.6	75.3	5	12	0	89.3	87.1
-1	10	14	13.7	3.0	1	11	3	70.7	74.7	-13	11	9	74.7	70.2	6	12	0	116.8	114.1
0	10	14	167.0	171.2	2	11	3	105.1	114.5	-12	11	9	24.6	20.9	7	12	0	73.1	71.9
1	10	14	47.3	48.3	3	11	3	18.7	16.1	-11	11	9	149.2	146.1	8	12	0	109.1	108.2
2	10	14	93.5	91.6	4	11	3	17.4	13.2	-10	11	9	109.0	106.9	9	12	0	161.7	156.1
3	10	14	86.7	88.5	5	11	3	12.1	17.5	-9	11	9	14.8	16.1	10	12	0	59.9	57.7
4	10	14	13.8	5.9	6	11	3	12.2	9.4	-8	11	9	69.9	70.7	11	12	0	124.9	124.8
5	10	14	55.6	53.4	7	11	3	37.5	40.2	-7	11	9	42.0	36.0	12	12	0	18.0	23.8
6	10	14	24.7	20.1	8	11	3	22.8	17.2	-6	11	9	72.4	75.5	13	12	0	55.3	56.4
7	10	14	56.2	63.7	9	11	3	30.1	34.8	-5	11	9	81.6	83.4	14	12	0	162.8	159.5
8	10	14	14.3	26.1	10	11	3	19.8	30.6	-4	11	9	13.8	20.4	15	12	0	109.1	110.6
9	10	14	14.1	16.6	11	11	3	13.0	13.2	-3	11	9	13.6	21.4	16	12	0	14.2	14.8
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11	10	14	13.9	5.3	13	11	3	25.4	21.9	-1	11	9	94.0	99.2	18	12	0	53.5	53.6
-19	10	16	32.0	23.9	14	11	3	55.4	62.0	0	11	9	38.5	40.4	19	12	0	25.1	5.9
-18	10	16	32.1	30.0	15	11	3	72.9	72.3	1	11	9	13.0	4.7	20	12	0	45.6	40.4
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-8	10	16	28.0	17.0	-23	11	5	164.0	156.2	11	11	9	14.1	29.9	-14	12	2	24.3	19.3
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-6	10	16	56.8	54.0	-21	11	5	14.8	0.6	13	11	9	36.9	42.6	-12	12	2	14.5	23.5
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-1	10	16	34.9	30.3	-16	11	5	39.0	28.0	-21	11	11	102.7	94.6	-7	12	2	14.6	13.2
0	10	16	25.2	26.2	-15	11	5	97.7	92.5	-20	11	11	15.5	2.5	-6	12	2	48.6	50.0
1	10	16	40.1	40.5	-14	11	5	168.4	159.1	-19	11	11	15.6	11.0	-5	12	2	119.8	103.3
2	10	16	14.0	13.3	-13	11	5	115.1	106.3	-18	11	11	50.8	53.0	-4	12	2	44.6	37.5
3	10	16	26.9	9.9	-12	11	5	57.2	57.4	-17	11	11	96.0	91.2	-3	12	2	53.3	41.1
4	10	16	109.8	107.7	-11	11	5	77.2	72.0	-16	11	11	52.7	48.9	-2	12	2	77.2	72.2
5	10	16	14.7	1.9	-10	11	5	63.9	57.3	-15	11	11	111.8	102.4	-1	12	2	69.9	69.3
6	10	16	90.0	89.5	-9	11	5	38.4	33.0	-14	11	11	15.0	10.2	0	12	2	163.8	169.6
-12	10	18	14.3	2.7	-8	11	5	15.2	12.3	-13	11	11	71.4	65.4	1	12	2	12.9	16.5
-11	10	18	14.6	13.7	-7	11	5	15.4	9.7	-12	11	11	36.9	24.3	2	12	2	44.7	44.5
-10	10	18	43.8	36.4	-6	11	5	102.4	92.8	-11	11	11	36.8	34.1	3	12	2	77.7	81.0
-9	10	18	15.2	17.1	-5	11	5	109.1	101.1	-10	11	11	14.8	6.9	4	12	2	185.2	196.1
-8	10	18	82.4	81.5	-4	11	5	28.3	31.7	-9	11	11	84.4	89.5	5	12	2	62.5	68.5
-7	10	18	76.9	76.3	-3	11	5	158.7	165.7	-8	11	11	14.9	21.8	6	12	2	31.8	38.6
-6	10	18	40.9	32.4	-2	11	5	13.2	3.7	-7	11	11	14.7	21.7	7	12	2	129.7	137.3
-5	10	18	14.8	15.6	-1	11	5	71.5	70.1	-6	11	11	37.7	37.1	8	12	2	102.9	100.8
-4	10	18	82.0	77.8	0	11	5	20.5	26.2	-5	11	11	78.2	75.9	9	12	2	94.2	95.7
-3	10	18	14.5	3.1	1	11	5	12.4	9.8	-4	11	11	96.9	100.8	10	12	2	125.7	125.0
-2	10	18	81.3	72.4	2	11	5	12.4	8.1	-3	11	11	61.3	68.5	11	12	2	57.7	61.2
-24	11	1	14.6	4.1	3	11	5	19.8	11.0	-2	11	11	32.9	29.7	12	12	2	152.4	151.7
-23	11	1	49.5	51.7	4	11	5	45.6	41.9	-1	11	11	69.1	66.9	13	12	2	20.3	2.8
-22	11	1	14.5	7.6	5	11	5	61.4	61.9	0	11	11	92.0	92.2	14	12	2	13.8	9.8
-21	11	1	46.4	47.2	6	11	5	67.4	67.8	1	11	11	13.5	8.2	15	12	2	22.9	10.4
-20	11	1	14.3	23.2	7	11	5	12.9	17.4	2	11	11	25.7	21.1	16	12	2	136.2	135.3

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
17	12	2	45.9	40.2	9	12	8	104.4	110.0	-16	13	3	44.9	39.6	4	13	9	14.0	1.9
18	12	2	14.1	1.8	10	12	8	67.5	75.5	-15	13	3	30.7	27.4	5	13	9	37.3	32.4
19	12	2	14.7	26.0	11	12	8	14.3	24.7	-14	13	3	14.8	5.8	6	13	9	31.8	28.5
20	12	2	139.4	141.4	12	12	8	52.0	50.2	-13	13	3	47.5	46.1	7	13	9	28.8	31.7
-22	12	4	46.1	42.5	13	12	8	41.0	43.1	-12	13	3	45.3	38.5	8	13	9	14.6	25.2
-21	12	4	38.0	35.3	14	12	8	25.1	16.7	-11	13	3	115.9	110.5	-12	13	11	15.3	5.4
-20	12	4	42.9	38.5	-19	12	10	16.1	12.7	-10	13	3	70.3	66.6	-11	13	11	56.2	55.9
-19	12	4	14.9	1.4	-18	12	10	16.2	17.8	-9	13	3	107.6	95.1	-10	13	11	52.0	49.6
-18	12	4	113.9	110.6	-17	12	10	36.1	36.1	-8	13	3	15.3	12.9	-9	13	11	25.6	28.3
-17	12	4	14.7	2.3	-16	12	10	136.3	124.9	-7	13	3	46.3	35.4	-8	13	11	15.6	5.6
-16	12	4	47.3	51.3	-15	12	10	42.0	40.1	-6	13	3	45.3	39.2	-7	13	11	25.0	34.3
-15	12	4	90.0	78.8	-14	12	10	27.1	27.2	-5	13	3	16.1	3.8	-6	13	11	15.2	3.0
-14	12	4	40.9	33.6	-13	12	10	63.4	67.7	-4	13	3	35.5	34.2	-5	13	11	104.0	99.7
-13	12	4	74.2	67.8	-12	12	10	91.6	88.5	-3	13	3	15.9	8.5	-4	13	11	58.1	54.2
-12	12	4	42.2	37.6	-11	12	10	65.1	66.6	-2	13	3	52.1	48.5	-3	13	11	22.4	12.9
-11	12	4	15.3	14.1	-10	12	10	15.2	10.8	-1	13	3	71.8	70.4	-2	13	11	14.4	2.3
-10	12	4	248.8	230.1	-9	12	10	108.5	106.7	0	13	3	112.2	113.7	-1	13	11	22.0	25.2
-9	12	4	196.6	176.6	-8	12	10	205.1	196.5	1	13	3	13.3	2.8	0	13	11	14.1	2.4
-8	12	4	26.4	21.8	-7	12	10	67.8	66.3	2	13	3	13.3	10.9	1	13	11	28.0	31.7
-7	12	4	28.3	29.6	-6	12	10	14.8	9.5	3	13	3	13.4	22.3	2	13	11	53.8	51.6
-6	12	4	54.1	50.9	-5	12	10	14.8	22.3	4	13	3	30.2	21.1	3	13	11	37.8	40.6
-5	12	4	91.7	80.9	-4	12	10	95.9	97.5	5	13	3	13.4	4.3	0	14	0	14.0	11.8
-4	12	4	15.2	12.0	-3	12	10	63.1	56.9	6	13	3	13.8	22.6	1	14	0	145.2	141.7
-3	12	4	56.5	55.4	-2	12	10	33.4	37.0	7	13	3	35.3	32.2	2	14	0	169.0	169.6
-2	12	4	146.3	146.6	-1	12	10	49.7	40.7	8	13	3	35.3	29.7	3	14	0	61.3	56.5
-1	12	4	13.3	4.2	0	12	10	53.6	54.6	9	13	3	63.4	65.0	4	14	0	40.9	34.4
0	12	4	65.2	66.9	1	12	10	160.8	167.3	10	13	3	13.6	8.0	5	14	0	14.4	8.2
1	12	4	28.1	19.2	2	12	10	24.5	29.0	11	13	3	27.5	25.7	6	14	0	129.8	122.9
2	12	4	81.3	86.0	3	12	10	79.4	80.8	12	13	3	14.5	24.5	7	14	0	79.9	73.0
3	12	4	230.4	238.1	4	12	10	79.4	74.1	13	13	3	54.2	54.6	8	14	0	64.3	64.9
4	12	4	85.3	91.4	5	12	10	41.1	39.9	14	13	3	42.9	41.5	9	14	0	33.2	28.1
5	12	4	58.1	59.1	6	12	10	90.6	92.6	15	13	3	14.4	21.7	10	14	0	95.3	88.9
6	12	4	204.4	211.8	7	12	10	28.3	35.1	16	13	3	45.7	48.9	11	14	0	64.3	62.7
7	12	4	13.7	4.9	8	12	10	167.3	166.3	-18	13	5	15.5	27.1	12	14	0	29.7	33.1
8	12	4	13.3	2.9	9	12	10	36.4	20.8	-17	13	5	45.0	44.8	-13	14	2	39.8	41.0
9	12	4	106.8	111.7	10	12	10	45.4	52.5	-16	13	5	28.6	32.0	-12	14	2	15.2	5.1
10	12	4	120.0	123.6	11	12	10	29.0	41.7	-15	13	5	79.4	77.5	-11	14	2	15.3	20.3
11	12	4	48.5	46.7	-17	12	12	15.2	8.9	-14	13	5	25.7	26.4	-10	14	2	81.1	77.9
12	12	4	105.3	108.3	-16	12	12	51.4	51.6	-13	13	5	49.4	45.1	-9	14	2	62.5	63.2
13	12	4	37.3	46.0	-15	12	12	15.3	9.7	-12	13	5	45.9	33.8	-8	14	2	132.3	120.1
14	12	4	99.2	96.7	-14	12	12	75.3	74.3	-11	13	5	33.7	34.3	-7	14	2	15.2	7.9
15	12	4	32.9	43.1	-13	12	12	42.1	32.7	-10	13	5	16.0	7.6	-6	14	2	81.7	76.8
16	12	4	45.6	40.8	-12	12	12	15.0	6.7	-9	13	5	45.2	38.7	-5	14	2	44.2	43.9
17	12	4	31.9	19.6	-11	12	12	109.7	110.1	-8	13	5	35.7	32.2	-4	14	2	110.2	93.2
18	12	4	64.5	63.9	-10	12	12	15.1	10.4	-7	13	5	82.4	75.0	-3	14	2	181.2	156.0
-22	12	6	15.3	16.4	-9	12	12	95.9	86.0	-6	13	5	16.4	17.6	-2	14	2	69.3	67.3
-21	12	6	110.9	110.3	-8	12	12	15.3	11.5	-5	13	5	76.2	68.3	-1	14	2	15.4	27.0
-20	12	6	174.2	166.5	-7	12	12	73.2	71.5	-4	13	5	76.4	67.5	0	14	2	73.5	73.0
-19	12	6	15.4	5.6	-6	12	12	141.2	140.4	-3	13	5	53.3	52.7	1	14	2	13.7	2.4
-18	12	6	33.4	27.8	-5	12	12	57.1	52.7	-2	13	5	69.2	71.4	2	14	2	37.1	38.9
-17	12	6	50.5	47.3	-4	12	12	67.9	65.1	-1	13	5	79.1	82.3	3	14	2	19.8	22.8
-16	12	6	76.6	76.7	-3	12	12	41.3	44.6	0	13	5	13.8	28.4	4	14	2	56.9	55.2
-15	12	6	15.3	4.8	-2	12	12	55.3	54.5	1	13	5	13.4	21.0	5	14	2	21.2	6.9
-14	12	6	124.8	118.9	-1	12	12	14.1	8.4	2	13	5	86.9	86.7	6	14	2	59.5	52.9
-13	12	6	178.2	158.8	0	12	12	14.0	7.3	3	13	5	70.4	74.2	7	14	2	33.2	35.2
-12	12	6	15.7	6.1	1	12	12	22.3	11.0	4	13	5	27.1	15.7	8	14	2	79.5	81.0
-11	12	6	53.6	53.9	2	12	12	49.3	44.6	5	13	5	13.7	16.3	9	14	2	48.2	46.8
-10	12	6	79.3	66.7	3	12	12	14.2	14.2	6	13	5	49.5	48.6	10	14	2	20.5	15.7
-9	12	6	92.7	84.1	4	12	12	57.5	59.2	7	13	5	54.1	62.0	11	14	2	14.2	3.4

-8	12	6	184.2	163.9	5	12	12	47.5	50.5	8	13	5	86.8	90.9	-13	14	4	44.2	42.4
-7	12	6	15.3	3.8	6	12	12	37.7	41.2	9	13	5	58.7	67.4	-12	14	4	41.0	28.6
-6	12	6	35.5	23.4	7	12	12	34.4	31.9	10	13	5	14.0	5.7	-11	14	4	76.5	70.3
-5	12	6	32.7	34.3	-12	12	14	24.0	26.1	11	13	5	14.0	7.3	-10	14	4	93.1	83.7
-4	12	6	166.0	163.6	-11	12	14	47.6	41.4	12	13	5	20.7	9.1	-9	14	4	16.1	23.9
-3	12	6	14.3	16.0	-10	12	14	15.0	10.4	13	13	5	29.9	21.6	-8	14	4	63.6	55.2
-2	12	6	50.6	48.3	-9	12	14	36.4	40.1	14	13	5	23.4	18.5	-7	14	4	16.3	8.2
-1	12	6	59.3	61.4	-8	12	14	22.6	3.6	-17	13	7	118.1	104.1	-6	14	4	17.2	3.0
0	12	6	13.2	18.7	-7	12	14	82.5	75.4	-16	13	7	73.0	66.1	-5	14	4	90.2	79.5
1	12	6	42.3	46.2	-6	12	14	14.8	3.9	-15	13	7	40.5	29.4	-4	14	4	110.5	103.2
2	12	6	49.2	53.4	-5	12	14	14.5	6.0	-14	13	7	34.1	23.7	-3	14	4	15.7	17.3
3	12	6	67.4	74.0	-4	12	14	79.3	71.1	-13	13	7	66.8	54.7	-2	14	4	99.8	103.4
4	12	6	174.0	180.1	-3	12	14	14.4	5.6	-12	13	7	16.6	19.8	-1	14	4	14.5	14.5
5	12	6	72.2	74.2	-2	12	14	66.6	62.4	-11	13	7	16.4	6.9	0	14	4	20.0	3.9
6	12	6	13.2	13.4	-1	12	14	61.0	66.5	-10	13	7	64.2	54.1	1	14	4	96.9	100.0
7	12	6	13.3	6.2	0	12	14	82.9	79.5	-9	13	7	33.3	36.7	2	14	4	13.9	13.1
8	12	6	69.3	73.2	1	12	14	43.9	43.0	-8	13	7	175.6	164.5	3	14	4	26.9	26.7
9	12	6	117.0	118.2	-18	13	1	69.0	68.5	-7	13	7	95.4	82.7	4	14	4	62.7	66.0
10	12	6	69.2	69.6	-17	13	1	62.5	61.8	-6	13	7	60.0	50.3	5	14	4	92.4	96.6
11	12	6	78.7	75.1	-16	13	1	30.2	19.3	-5	13	7	15.5	28.7	6	14	4	58.3	61.2
12	12	6	111.4	112.8	-15	13	1	103.3	100.3	-4	13	7	45.8	51.3	7	14	4	14.1	18.0
13	12	6	21.6	19.3	-14	13	1	35.3	28.8	-3	13	7	56.5	50.0	8	14	4	33.7	41.1
14	12	6	14.0	8.7	-13	13	1	21.2	2.4	-2	13	7	48.4	48.1	9	14	4	14.5	18.9
15	12	6	14.0	10.3	-12	13	1	62.4	54.2	-1	13	7	13.7	5.7	-11	14	6	40.2	37.1
16	12	6	123.7	120.0	-11	13	1	20.6	8.6	0	13	7	58.6	55.4	-10	14	6	17.2	22.9
17	12	6	56.5	61.7	-10	13	1	65.8	63.6	1	13	7	51.8	51.3	-9	14	6	59.6	51.3
-21	12	8	77.1	65.3	-9	13	1	85.4	84.5	2	13	7	37.7	40.9	-8	14	6	39.0	32.3
-20	12	8	38.7	33.4	-8	13	1	38.8	30.8	3	13	7	85.6	84.8	-7	14	6	58.5	45.3
-19	12	8	15.9	7.0	-7	13	1	14.4	7.5	4	13	7	14.0	6.8	-6	14	6	25.4	14.0
-18	12	8	163.0	144.7	-6	13	1	28.8	31.1	5	13	7	37.9	38.1	-5	14	6	88.1	88.6
-17	12	8	28.6	32.5	-5	13	1	14.2	11.1	6	13	7	31.0	35.9	-4	14	6	190.3	180.8
-16	12	8	49.2	45.7	-4	13	1	31.7	29.5	7	13	7	53.7	57.4	-3	14	6	92.3	92.3
-15	12	8	57.8	55.6	-3	13	1	14.7	2.3	8	13	7	14.1	0.4	-2	14	6	41.3	39.3
-14	12	8	86.0	78.5	-2	13	1	74.1	64.2	9	13	7	13.9	1.5	-1	14	6	14.1	1.9
-13	12	8	67.6	59.7	-1	13	1	16.9	17.4	10	13	7	74.9	74.1	0	14	6	14.2	8.9
-12	12	8	82.1	76.0	0	13	1	13.1	20.2	11	13	7	44.7	50.9	1	14	6	14.0	8.5
-11	12	8	42.4	43.1	1	13	1	67.4	72.6	-15	13	9	49.6	45.2	2	14	6	14.0	17.9
-10	12	8	33.9	27.4	2	13	1	57.1	56.4	-14	13	9	70.3	58.8	3	14	6	26.6	26.4
-9	12	8	15.3	12.8	3	13	1	118.6	122.1	-13	13	9	46.0	50.1	4	14	6	14.1	8.3
-8	12	8	96.3	87.4	4	13	1	86.1	86.9	-12	13	9	16.1	21.1	5	14	6	14.2	9.4
-7	12	8	66.1	67.6	5	13	1	13.6	16.0	-11	13	9	69.4	59.4	6	14	6	75.3	76.3
-6	12	8	96.4	90.3	6	13	1	13.2	6.1	-10	13	9	91.0	87.4	7	14	6	87.6	94.0
-5	12	8	44.2	40.9	7	13	1	31.2	29.7	-9	13	9	16.0	25.1	-8	14	8	39.3	45.1
-4	12	8	60.6	65.0	8	13	1	46.4	53.6	-8	13	9	24.3	26.6	-7	14	8	67.9	63.6
-3	12	8	102.4	105.4	9	13	1	28.1	18.1	-7	13	9	56.3	56.1	-6	14	8	40.8	30.4
-2	12	8	88.6	85.7	10	13	1	111.4	102.3	-6	13	9	65.3	64.0	-5	14	8	135.3	130.1
-1	12	8	13.6	9.9	11	13	1	43.3	43.6	-5	13	9	37.0	37.1	-4	14	8	38.3	32.1
0	12	8	71.1	75.7	12	13	1	115.2	115.3	-4	13	9	117.8	117.6	-3	14	8	52.7	50.4
1	12	8	53.1	60.4	13	13	1	66.7	67.2	-3	13	9	29.6	33.1	-2	14	8	60.6	56.8
2	12	8	216.7	230.0	14	13	1	112.0	103.2	-2	13	9	20.9	9.6	-1	14	8	62.5	59.6
3	12	8	23.9	31.6	15	13	1	24.2	16.1	-1	13	9	67.0	71.4	0	14	8	28.4	25.3
4	12	8	22.7	17.2	16	13	1	24.9	30.3	0	13	9	74.1	74.7	1	14	8	61.6	65.0
5	12	8	93.3	98.7	17	13	1	22.4	25.3	1	13	9	66.0	71.5	2	14	8	137.1	139.9
6	12	8	14.3	26.9	-18	13	3	15.1	14.8	2	13	9	14.5	18.8	-1	15	1	75.2	65.2
7	12	8	35.0	39.3	-17	13	3	14.7	6.1	3	13	9	39.9	39.2	0	15	1	48.0	49.4
8	12	8	37.4	50.6															

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