

2nd Roll, granted that the first roll is played correctly

1st	2nd	1-1	1-2	1-3	1-4	1-5	1-6	2-2	2-3	2-4	2-5	2-6	3-3	3-4	3-5	3-6	4-4	4-5	4-6	5-5	5-6	6-6
1-2	13/11, 6/5	8/7(2), 6/5(2)	24/23, 13/11	24/20*	24/23, 24/20*	24/23, 13/8	13/7, 8/7	24/20*, 6/4(2)	24/21, 13/11	24/20*, 13/11	24/22, 13/18	24/18, 13/11	24/21(2), 8/5(2)	24/20*, 13/10	8/3, 6/3	24/15	24/20*(2), 13/9(2)	24/20*, 13/8	24/20*, 24/14*	13/3(2)	24/13	24/18(2), 13/7(2)
1-3	8/5, 6/5	24/22, 6/5(2)	24/23, 13/11	8/5, 6/5	24/23, 13/9	24/23, 13/8	13/7, 8/7	24/22(2), 6/4(2)	24/22, 13/10	8/4, 6/4	24/22, 13/18	24/18, 13/11	24/21(2), 13/10(2)	24/21, 13/9	8/3, 6/3	24/18, 13/10	13/5(2)	13/9, 13/8	24/14	13/3(2)	24/13	24/18(2), 13/7(2)
1-4	24/23, 13/9	24/22, 6/5(2)	24/23, 13/11	8/5, 6/5	6/2*, 2/1*	24/23, 13/8	13/7, 8/7	24/22(2), 6/4(2)	24/22, 13/10	8/4, 6/4	24/22, 13/18	24/16*	24/21(2), 13/10(2)	24/20, 6/2*	24/16*	24/18, 13/10	24/16*, 6/2*(2)	24/20, 6/1*	8/2*, 6/2	8/3(2), 6/1*(2)	24/13	24/18(2), 13/7(2)
1-5	24/23, 13/8	24/22, 6/5(2)	24/21	8/5, 6/5	6/2*, 2/1*	24/23, 13/8	13/7, 8/7	13/11(2), 6/4(2)	24/21, 13/11	8/4, 6/4	24/22, 13/18	24/16	24/21(2), 13/10(2)	24/21, 24/20	8/3, 6/3	24/15	24/20(2), 13/9(2)	24/20, 13/8	8/2*, 6/2	8/3(2), 6/1*(2)	24/13	24/18(2), 13/7(2)
1-6	13/7, 8/7	8/7(2), 6/5(2)	13/11, 6/5	8/5, 6/5	24/23, 13/9	24/23, 13/8	13/7, 8/7	13/11(2), 6/4(2)	24/22, 13/10	8/4, 6/4	24/22, 13/18	24/16	24/21(2), 13/10(2)	24/21, 24/20	8/3, 6/3	24/15	24/20(2), 13/9(2)	24/20, 13/8	24/14	13/3(2)	13/8, 13/7	13/7(2), 8/2(2)
2-3	24/21, 13/11	6/4*(2)	6/4*, 24/23	8/5, 6/5	8/4*, 24/23	24/23, 13/8	13/7, 8/7	13/11(2), 6/4*(2)	13/10, 6/4*	8/4*, 6/4	13/8, 6/4*	24/18, 6/4*	24/21(2), 13/10(2)	13/10, 8/4*	8/3, 6/3	13/4*	24/20(2), 8/4*(2)	13/4*	24/14*	8/3(2), 6/1*(2)	24/13	24/18(2), 13/7(2)
2-4	8/4, 6/4	8/7(2), 6/5(2)	24/23, 13/11	8/5, 6/5	24/23, 13/9	24/23, 13/8	13/7, 8/7	24/22(2), 6/4(2)	24/22, 13/10	8/4, 6/4	24/22, 13/18	24/18, 13/11	8/5(2), 6/3(2)	24/20, 13/10	8/3, 6/3	24/18, 13/10	24/20(2), 13/9(2)	24/20, 13/8	8/2, 6/2	13/3(2)	24/13	24/18(2), 13/7(2)
2-5	24/22, 13/8	24/22, 6/5(2)	24/23, 13/11	8/5, 6/5	24/23, 24/20	24/23, 13/8	13/7, 8/7	13/11(2), 6/4(2)	6/3*, 3/1*	8/4, 6/4	24/22, 13/18	24/18, 13/11	8/5(2), 6/3*(2)	24/20, 6/3*	8/3*, 6/3	24/15*	24/20(2), 13/9(2)	24/15*	13/3*	8/3*(2), 6/1*(2)	24/13	24/18(2), 13/7(2)
2-6	24/18, 13/11	8/7*(2), 6/5(2)	13/11, 8/7*	8/5, 6/5	13/9, 8/7*	13/7*	13/7*, 8/7	13/11(2), 6/4(2)	24/22, 24/21	13/7*	24/22, 6/1*	24/22, 13/7*	13/7*(2)	24/21, 13/9	8/3, 6/3	24/21, 13/7*	24/20(2), 13/9(2)	24/20, 6/1*	24/14*	8/3(2), 6/1*(2)	13/7*, 6/1*	24/18(2), 13/7*(2)
3-4	13/10, 13/9	8/7(2), 6/5(2)	13/11, 6/5	8/5, 6/5	13/9, 6/5	13/8, 6/5	13/7, 8/7	24/22(2), 6/4(2)	24/22, 13/10	8/4, 6/4	24/22, 13/18	24/16*	24/21(2), 8/5(2)	13/10, 13/9	24/16*	24/15*	24/20(2), 13/9(2)	24/15*	24/14	13/3(2)	24/13	24/18(2), 13/7(2)
3-5	8/3, 6/3	8/7(2), 6/5(2)	24/23, 13/11	8/5, 6/5	24/23, 13/9	24/23, 13/8	13/7, 8/7	13/11(2), 6/4(2)	24/21, 13/11	8/4, 6/4	13/11, 13/8	24/18, 13/11	24/21(2), 13/10(2)	13/10, 13/9	8/3, 6/3	24/18, 13/10	24/20(2), 13/9(2)	24/20, 13/8	8/2, 6/2	13/3(2)	24/13	24/18(2), 13/7(2)
3-6	24/18, 13/10	8/7*(2), 6/5(2)	13/11, 8/7*	8/5, 6/5	13/9, 8/7*	13/7*	13/7*, 8/7	13/11(2), 6/4(2)	24/21, 13/11	13/7*	24/22, 6/1*	24/22, 13/7*	13/7*(2)	24/21, 13/9	8/3, 6/3	24/15*	24/20(2), 13/9(2)	24/15*	24/20, 13/7*	8/3(2), 6/1*(2)	13/7*, 6/1*	24/18(2), 13/7*(2)
4-5	24/20, 13/8	24/22, 6/5*(2)	13/11, 6/5*	8/5*, 6/5	13/9, 6/5*	13/8, 6/5*	13/7, 8/7	13/11(2), 6/4(2)	13/11, 8/5*	8/4, 6/4	24/22, 13/18	13/5*	8/5*(2), 6/3(2)	13/9, 8/5*	13/5*	13/7, 8/5*	13/5*(2)	24/20, 13/8	8/2, 6/2	8/3(2), 6/1*(2)	24/13	24/18(2), 13/7(2)
4-6	24/18, 13/9	8/7*(2), 6/5(2)	13/11, 8/7*	24/21, 8/7*	24/20, 8/7*	13/7*	13/7*, 8/7	24/16*	24/21, 13/11	13/7*	24/22, 6/1*	24/16*	13/7*(2)	24/21, 13/9	24/16*	24/21, 13/7*	24/16*(2)	24/20, 6/1*	24/20, 13/7*	8/3(2), 6/1*(2)	13/7*, 6/1*	24/18(2), 13/7(2)
5-6	24/13	8/7(2), 6/5(2)	13/11, 6/5	8/5, 6/5	24/23, 13/9	24/23, 13/8	13/7, 8/7	13/11(2), 6/4(2)	24/21, 13/11	8/4, 6/4	13/11, 13/8	24/18, 13/11	24/21(2), 13/10(2)	24/21, 13/9	8/3, 6/3	24/18, 13/10	24/20(2), 13/9(2)	24/20, 13/8	8/2, 6/2	8/3(2), 6/1*(2)	24/13	24/18(2), 13/7(2)
	2nd	1-1	1-2	1-3	1-4	1-5	1-6	2-2	2-3	2-4	2-5	2-6	3-3	3-4	3-5	3-6	4-4	4-5	4-6	5-5	5-6	6-6

Chances (%) of stepping off the bar with one or two pieces off the bar

Open Points	1 piece	2 pieces
1	31%	3%
2	55%	11%
3	75%	25%
4	89%	44%
5	97%	69%
6	100%	100%

Chances (%) of hitting a blot X steps away, granted the way is not blocked

Move	Direct Only	Direct & Indirect	Move	Indirect	Move	Indirect	Move	Indirect
1		31%	7	17%	13	-	19	-
2		33%	8	17%	14	-	20	3%
3	31%	39%	9	14%	15	3%	21	-
4		42%	10	8%	16	3%	22	-
5		42%	11	6%	17	-	23	-
6		47%	12	8%	18	3%	24	3%

Equity at X-away * X-away

	1	2	3	4	5	6	7	8	9	10
1	50,0%	67,7%	75,1%	81,4%	84,2%	88,7%	90,7%	93,3%	94,4%	95,9%
2	32,3%	50,0%	60,0%	66,9%	74,4%	79,9%	84,2%	87,5%	90,2%	92,3%
3	24,9%	40,1%	50,0%	57,2%	64,8%	71,1%	76,2%	80,5%	84,0%	87,1%
4	18,6%	33,1%	42,9%	50,0%	57,7%	64,3%	69,9%	74,6%	78,8%	82,4%
5	15,8%	25,6%	35,2%	42,3%	50,0%	56,6%	62,6%	67,8%	72,5%	76,7%
6	11,3%	20,1%	28,9%	35,7%	43,4%	50,0%	56,3%	61,6%	66,8%	71,3%
7	9,3%	15,8%	23,8%	30,1%	37,4%	43,7%	50,0%	55,5%	60,9%	65,6%
8	6,8%	12,5%	19,5%	25,4%	32,2%	38,4%	44,5%	50,0%	55,4%	60,4%
9	5,6%	9,8%	16,0%	21,2%	27,5%	33,2%	39,2%	44,6%	50,0%	55,0%
10	4,1%	7,7%	12,9%	17,6%	23,3%	28,7%	34,4%	39,6%	45,0%	50,0%

Number of rolls hitting a blot X steps away, granted the way is not blocked

Steps	1	2	3	4	5	6	7	8	9	10
Rolls	11	12	14	15	15	17	6	6	5	3
Steps	11	12	13	14	15	16	17	18	19	20
Rolls	2	3	0	0	1	1	0	1	0	1
Steps	21	22	23	24						
Rolls	0	0	0	1						