

Sheet1

Initial state: Game is set up.

Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
white_checkers						5		3					5												2 white_bar	0
red_checkers	2											5					3		5						red_bar	0
1 White player rolls dice: 4 5																									double_cub	1

2 Red player rolls dice: 3 4, white starts.

Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
white_checkers						3		3		1	1		5												2 white_bar	0
red_checkers	2											5					3		5						red_bar	0
4 Red rolls: 3 3. Moves 19->16, 19->16, 19->16, 19->16.																									double_cub	1

4 Red rolls: 3 3. Moves 19->16, 19->16, 19->16, 19->16.

Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
white_checkers						3		3		1	1		5												2 white_bar	0
red_checkers	2											5				4	3		1						red_bar	0
5 White rolls: 3 5. Moves 6->9, 6->11.																									double_cub	1

5 White rolls: 3 5. Moves 6->9, 6->11.

Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
white_checkers						1		3	1	2	1		5												2 white_bar	0
red_checkers	2											5				4	3		1						red_bar	0
6 Red rolls: 5 2. Moves 19->17, 16->11. White checker goes 11->white bar.																									double_cub	1

6 Red rolls: 5 2. Moves 19->17, 16->11. White checker goes 11->white bar.

Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
white_checkers						1		3	1	2			5												2 white_bar	1
red_checkers	2										1	5				3	3		1						red_bar	0
7 White rolls: 2 4. Moves bar->4, 6->8.																									double_cub	1

7 White rolls: 2 4. Moves bar->4, 6->8.

Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
white_checkers				1				4	1	2			5												2 white_bar	0
red_checkers	2										1	5				3	3		1						red_bar	0
																									double_cub	1

Initial state: Endgame. White's turn to roll.

Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
white_checkers																					2	1			2 white_bar	0
red_checkers	2																								red_bar	0
n White rolls: 3 4. Moves 22->out, 21->out.																									double_cub	1

Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
white_checkers																					2	1			2 white_bar	0
red_checkers	2																								red_bar	0

Sheet1

n+1 Red rolls: 4 5. Moves 1->out, 1->out. Red wins.

double_cub 1

Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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white_checkers	2	1	2	white_bar	0
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red_checkers	red_bar	0
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double_cub 1
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