

Connect Four: 1.3 Multiplying and Dividing Integers

Number of Players – 2 per group

Materials Needed: Game Board, copy of answers for moderator (teacher), two dice, chips of two different colors.

Rules:

1. Decide who goes first by tossing a die.
2. The first player tosses both dice and locates the corresponding box on the game board. For example, if the player tosses and 3 and a 4, they may go to the 3rd row, 4th column or 4th row, 3rd column.
3. The player solves the problem and asks the moderator if he/she is correct. If the solution is correct, the player places his/her marker in that box. If the solution is incorrect, the other player can steal the box by giving the correct solution.
4. If a player tosses the dice and the box indicated is already occupied, the player rolls the dice again.
5. The winner is the player who has four of his/her game markers in a row, column, or diagonal.



Game Board	1	2	3	4	5	6
1	$13 \times (-21)$	$-42 \div 6$	$61 \times (-4)$	$123 \div 3$	$14 \times (-15)$	$-115 \div 5$
2	14×30	$-11 \times (-12)$	$9 \times (-12)$	$75 \div 3$	$-108 \div 12$	$-144 \div 16$
3	$-144 \div 3$	$-36 \times (-4)$	$-24 \div 3$	$-6 \times (-8)$	$92 \div 2$	$33 \times (-5)$
4	$12 \times (-13)$	$32 \div 4$	$-96 \div (-6)$	$225 \div (-3)$	$-21 \times (-5)$	$56 \div 8$
5	$-120 \div 4$	$21 \times (-4)$	$26 \times (-4)$	$31 \times (-3)$	$90 \div 9$	$-88 \div (-11)$
6	$332 \div 4$	$-51 \div 3$	$18 \times (-5)$	$63 \times (-4)$	$-196 \div (-14)$	36×4

Answer Key	1	2	3	4	5	6
1	-273	-7	-244	41	-210	-23
2	420	132	-108	25	-9	-9
3	-48	144	-8	-48	46	-165
4	-156	8	16	-75	105	7
5	-30	-84	-104	-93	10	8
6	83	-17	-90	-252	-14	144