

BUMP: Evaluating Expressions

Materials: Two dice, eight different colored counters per players.

To play: Players take turns rolling two dice. The first die indicates the expression to use and the second die determines the number to evaluate. The player then evaluates the expression. The player then covers the result of evaluating. If another player has a counter on this number, they can "bump" this counter off and put one of their own counters on it. You can only bump when there is only one counter on the number. If that number is covered by one of the player's own counter, they can add another counter on top and then they have won that space and no more counters can be added. The winner of the game is the first player to use all eight of their counters.

Expressions

1	2	3	4	5	6
$2x + 1$	$x + x + x + 10 - 15$	$6 + x$	$2(x + 1)$	$x^2 - 1$	$3(6 - x)$

Answers

