

4-in-a-Row Addition & Subtraction

Materials: A game board, three 6-sided dice, two color counters

Directions:

- Roll three dice at the same time. Choose 2 of the dice and place them in either equation. (Discard #3 die)
- Use a color marker to cover the unknown variable (?) on the game board.
- The winner is the first player to cover 4 squares in a row.

$$\boxed{?} + \boxed{?} = \boxed{?}$$

$$\boxed{?} - \boxed{?} = \boxed{?}$$

Addition Equation

Subtraction Equation

1	7	9	5	10	7
12	6	3	6	4	11
4	10	1	8	3	2
8	3	7	5	12	1
9	4	11	2	11	6
8	5	2	9	12	10

Dominating Doubles

Materials: red/yellow counters, 6-sided dice and a transparency marker

Instructions: Player 1 rolls the dice and places the transparency marker in the box for the strategy they want to use. Player 1 applies the strategy to the number on the dice and covers the corresponding square. (Example: if 8 was rolled and the player 1 covered doubles minus 2 they would cover 14 ($8+8-2=14$)). Player 1 and 2 alternate turns until one player gets 4 in a row.

8	6	1	7	10	14
10	3	11	12	2	4
7	0	14	4	7	9
13	5	10	1	11	12
9	2	6	14	8	5
3	13	12	6	0	9

Place the counter in the box for the strategy you want to use and explain why

Doubles minus 2 -2	Doubles minus 1 -1	Doubles	Doubles plus 1 +1	Doubles plus 2 +2
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