Concentrate – Linear Equations in Standard Form

Preparation:

Group students into groups of 2. Copy the page with the equations onto cardstock. Hand one piece of card stock to each group of 2 students. Have the students cut out the 21 cards.

Procedure:

Students will take turns turning over 2 cards. The students has until the count of 5 to say if it is a match or not (count slowly or use a timer). If it is a match, the student keeps the 2 cards. If it is not a match, they turn it back over. If they say it is a match and it isn't, that student loses a turn. The winning student is the student who has made the most matches.

Answer Key

1)   No Match

2) $2x = -y + -6$ 4) $2x + y = -6$

3) $-2x + y = -6$ 11) $2x - y = 6$

5) $y = -3x - 9$ 6) $3x + y = -9$

7) $-7x = -4y + 1$ 21) $7x - 4y = -1$

8) $4x + 5y = 2$ 15) $5y = -4x + 2$

9) $2x - 3y = 14$ 12) $-3y + 3x = 14$

10) $3x + 14 = 3y$ 17) $3x - 2y = -14$

13) $4x - y = -2$ 20) $y = 4x + 2$

14) $2y - 5 = -4x$ 19) $4x + 2y = 5$

16) $5x + 3y = -6$ 18) $-3y - 5x = 6$

No Match 1	$2x = -y + -6$ 2	$-2x + y = -6$ 3
$2x + y = -6$ 4	$3x + y = -9$ 5	$3x + y = -9$ 6
$-7x = -4y + 1$ 7	$4x + 5y = 2$ 8	$2x - 3y = 14$ 9
$3x + 14 = 2y$ 10	$2x - y = 6$ 11	$-3y + 2x = 14$ 12
$4x - y = -2$ 13	$2y - 5 = -4x$ 14	$5y = -4x + 2$ 15
$5x + 3y = -6$ 16	$3x - 2y = -14$ 17	$-3y - 5x = 6$ 18
$4x + 2y = 5$ 19	$y = 4x + 2$ 20	$7x - 4y = -1$ 21