



## Two-Variables Linear Equations ( $ax+by=c$ )

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

1.  $6x + 6y = 54$   
 $6x - 2y = 6$

2.  $5x - 6y = -14$   
 $4x - 7y = -20$

3.  $2x - 5y = -9$   
 $3x + 8y = 33$

4.  $3x - 6y = 6$   
 $5x + 4y = 52$

5.  $4x - 8y = -36$   
 $5x - 6y = -25$

6.  $7x - 3y = 8$   
 $5x + 4y = 61$

7.  $5x - 3y = 7$   
 $7x - 5y = 5$

8.  $4x - 7y = 3$   
 $7x - 7y = 21$



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$y = 6$

2.  $5x - 6y = -14$

$4x - 7y = -20$

$x = 2$

$y = 4$

3.  $2x - 5y = -9$

$3x + 8y = 33$

$x = 3$

$y = 3$

4.  $3x - 6y = 6$

$5x + 4y = 52$

$x = 8$

$y = 3$

5.  $4x - 8y = -36$

$5x - 6y = -25$

$x = 1$

$y = 5$

6.  $7x - 3y = 8$

$5x + 4y = 61$

$x = 5$

$y = 9$

7.  $5x - 3y = 7$

$7x - 5y = 5$

$x = 5$

$y = 6$

8.  $4x - 7y = 3$

$7x - 7y = 21$

$x = 6$

$y = 3$