



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

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

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

1.  $5x - 5y = -5$   
 $5x - 2y = 19$

2.  $6x - 7y = -2$   
 $4x - 2y = 4$

3.  $3x + 2y = 13$   
 $6x + 3y = 24$

4.  $2x - 3y = -15$   
 $2x - 2y = -8$

5.  $8x - 7y = 8$   
 $4x + 4y = 64$

6.  $8x - 2y = 0$   
 $8x + 4y = 24$

7.  $5x + 6y = 94$   
 $2x + 7y = 79$

8.  $5x + 6y = 41$   
 $3x - 3y = -15$



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

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

1.  $5x - 5y = -5$

$5x - 2y = 19$

$x = 7$

$y = 8$

2.  $6x - 7y = -2$

$4x - 2y = 4$

$x = 2$

$y = 2$

3.  $3x + 2y = 13$

$6x + 3y = 24$

$x = 3$

$y = 2$

4.  $2x - 3y = -15$

$2x - 2y = -8$

$x = 3$

$y = 7$

5.  $8x - 7y = 8$

$4x + 4y = 64$

$x = 8$

$y = 8$

6.  $8x - 2y = 0$

$8x + 4y = 24$

$x = 1$

$y = 4$

7.  $5x + 6y = 94$

$2x + 7y = 79$

$x = 8$

$y = 9$

8.  $5x + 6y = 41$

$3x - 3y = -15$

$x = 1$

$y = 6$