

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

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

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

1.  $7x - 3y = 51$   
 $4x + 2y = 44$

2.  $4x - 4y = -32$   
 $8x - 8y = -64$

3.  $5x - 4y = 19$   
 $8x + 6y = 80$

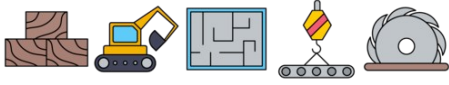
4.  $4x - 6y = -16$   
 $5x + 4y = 49$

5.  $7x + 7y = 98$   
 $6x - 5y = -15$

6.  $6x - 2y = -2$   
 $3x - 4y = -13$

7.  $4x + 5y = 44$   
 $8x - 7y = 20$

8.  $6x + 8y = 32$   
 $5x - 8y = 12$



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

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

1.  $7x - 3y = 51$

$4x + 2y = 44$

$x = 9$

$y = 4$

2.  $4x - 4y = -32$

$8x - 8y = -64$

$x = 1$

$y = 9$

3.  $5x - 4y = 19$

$8x + 6y = 80$

$x = 7$

$y = 4$

4.  $4x - 6y = -16$

$5x + 4y = 49$

$x = 5$

$y = 6$

5.  $7x + 7y = 98$

$6x - 5y = -15$

$x = 5$

$y = 9$

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

$3x - 4y = -13$

$x = 1$

$y = 4$

7.  $4x + 5y = 44$

$8x - 7y = 20$

$x = 6$

$y = 4$

8.  $6x + 8y = 32$

$5x - 8y = 12$

$x = 4$

$y = 1$