



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

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

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

1.  $5x - 5y = 20$   
 $8x - 2y = 44$

2.  $7x - 2y = -4$   
 $3x - 8y = -66$

3.  $4x + 8y = 20$   
 $5x + 5y = 20$

4.  $8x + 6y = 84$   
 $5x - 7y = -12$

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

6.  $2x + 5y = 11$   
 $5x + 8y = 23$

7.  $4x - 8y = -24$   
 $6x + 6y = 72$

8.  $5x + 5y = 40$   
 $5x - 3y = -16$

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

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

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

1.  $5x - 5y = 20$

$8x - 2y = 44$

$x = 6$

$y = 2$

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

$3x - 8y = -66$

$x = 2$

$y = 9$

3.  $4x + 8y = 20$

$5x + 5y = 20$

$x = 3$

$y = 1$

4.  $8x + 6y = 84$

$5x - 7y = -12$

$x = 6$

$y = 6$

5.  $6x - 4y = -6$

$4x - 5y = -25$

$x = 5$

$y = 9$

6.  $2x + 5y = 11$

$5x + 8y = 23$

$x = 3$

$y = 1$

7.  $4x - 8y = -24$

$6x + 6y = 72$

$x = 6$

$y = 6$

8.  $5x + 5y = 40$

$5x - 3y = -16$

$x = 1$

$y = 7$