



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

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

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

1.  $2x - 6y = -24$   
 $5x + 7y = 94$

2.  $6x - 4y = -20$   
 $3x + 8y = 70$

3.  $8x + 2y = 28$   
 $5x - 3y = -8$

4.  $3x + 2y = 29$   
 $2x - 4y = -18$

5.  $8x + 6y = 86$   
 $2x - 2y = 4$

6.  $3x + 4y = 39$   
 $5x - 2y = 13$

7.  $3x + 2y = 11$   
 $6x - 5y = 13$

8.  $6x - 5y = 7$   
 $4x - 8y = 0$



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

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

1.  $2x - 6y = -24$   
 $5x + 7y = 94$

$x = 9$   
 $y = 7$

2.  $6x - 4y = -20$   
 $3x + 8y = 70$

$x = 2$   
 $y = 8$

3.  $8x + 2y = 28$   
 $5x - 3y = -8$

$x = 2$   
 $y = 6$

4.  $3x + 2y = 29$   
 $2x - 4y = -18$

$x = 5$   
 $y = 7$

5.  $8x + 6y = 86$   
 $2x - 2y = 4$

$x = 7$   
 $y = 5$

6.  $3x + 4y = 39$   
 $5x - 2y = 13$

$x = 5$   
 $y = 6$

7.  $3x + 2y = 11$   
 $6x - 5y = 13$

$x = 3$   
 $y = 1$

8.  $6x - 5y = 7$   
 $4x - 8y = 0$

$x = 2$   
 $y = 1$