



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

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

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

1.  $6x - 8y = -38$   
 $6x - 3y = -3$

2.  $2x - 3y = -4$   
 $5x + 2y = 28$

3.  $2x + 5y = 17$   
 $5x + 8y = 38$

4.  $3x - 7y = -32$   
 $2x + 4y = 22$

5.  $4x + 2y = 38$   
 $2x - 3y = -1$

6.  $3x - 8y = -38$   
 $5x + 8y = 86$

7.  $6x - 2y = 22$   
 $8x - 2y = 30$

8.  $4x - 7y = 0$   
 $3x + 4y = 37$



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

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

1.  $6x - 8y = -38$

$6x - 3y = -3$

$x = 3$

$y = 7$

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

$5x + 2y = 28$

$x = 4$

$y = 4$

3.  $2x + 5y = 17$

$5x + 8y = 38$

$x = 6$

$y = 1$

4.  $3x - 7y = -32$

$2x + 4y = 22$

$x = 1$

$y = 5$

5.  $4x + 2y = 38$

$2x - 3y = -1$

$x = 7$

$y = 5$

6.  $3x - 8y = -38$

$5x + 8y = 86$

$x = 6$

$y = 7$

7.  $6x - 2y = 22$

$8x - 2y = 30$

$x = 4$

$y = 1$

8.  $4x - 7y = 0$

$3x + 4y = 37$

$x = 7$

$y = 4$