



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

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

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

1.  $5x + 3y = 45$   
 $8x - 8y = 8$

2.  $6x - 6y = 6$   
 $2x + 6y = 66$

3.  $5x + 5y = 45$   
 $2x - 7y = -45$

4.  $8x - 8y = -16$   
 $4x - 8y = -24$

5.  $8x - 8y = 8$   
 $2x + 5y = 23$

6.  $3x - 2y = 22$   
 $6x - 4y = 44$

7.  $4x - 4y = 8$   
 $3x - 5y = -4$

8.  $4x - 3y = 7$   
 $5x + 5y = 35$



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

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

1.  $5x + 3y = 45$

$8x - 8y = 8$

$x = 6$

$y = 5$

2.  $6x - 6y = 6$

$2x + 6y = 66$

$x = 9$

$y = 8$

3.  $5x + 5y = 45$

$2x - 7y = -45$

$x = 2$

$y = 7$

4.  $8x - 8y = -16$

$4x - 8y = -24$

$x = 2$

$y = 4$

5.  $8x - 8y = 8$

$2x + 5y = 23$

$x = 4$

$y = 3$

6.  $3x - 2y = 22$

$6x - 4y = 44$

$x = 8$

$y = 1$

7.  $4x - 4y = 8$

$3x - 5y = -4$

$x = 7$

$y = 5$

8.  $4x - 3y = 7$

$5x + 5y = 35$

$x = 4$

$y = 3$