



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

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

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

1.  $6x - 4y = 12$   
 $2x - 3y = -11$

2.  $7x - 2y = 9$   
 $4x - 7y = -30$

3.  $7x - 3y = 24$   
 $4x + 4y = 48$

4.  $2x - 5y = -23$   
 $4x - 7y = -25$

5.  $6x + 6y = 24$   
 $6x + 5y = 23$

6.  $5x - 8y = 2$   
 $2x + 5y = 9$

7.  $2x + 6y = 60$   
 $8x + 3y = 72$

8.  $4x + 4y = 40$   
 $8x + 6y = 74$



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2.  $7x - 2y = 9$

$4x - 7y = -30$

$x = 3$

$y = 6$

3.  $7x - 3y = 24$

$4x + 4y = 48$

$x = 6$

$y = 6$

4.  $2x - 5y = -23$

$4x - 7y = -25$

$x = 6$

$y = 7$

5.  $6x + 6y = 24$

$6x + 5y = 23$

$x = 3$

$y = 1$

6.  $5x - 8y = 2$

$2x + 5y = 9$

$x = 2$

$y = 1$

7.  $2x + 6y = 60$

$8x + 3y = 72$

$x = 6$

$y = 8$

8.  $4x + 4y = 40$

$8x + 6y = 74$

$x = 7$

$y = 3$