



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

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

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

1.  $3x - 4y = -13$   
 $5x + 4y = 53$

2.  $6x - 6y = -36$   
 $2x - 6y = -48$

3.  $2x + 5y = 40$   
 $7x + 4y = 59$

4.  $6x + 8y = 56$   
 $4x + 8y = 40$

5.  $8x + 2y = 58$   
 $3x - 5y = -30$

6.  $6x + 3y = 24$   
 $3x + 6y = 21$

7.  $6x - 4y = 32$   
 $4x - 7y = 17$

8.  $5x + 8y = 97$   
 $3x + 2y = 33$



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$5x + 4y = 53$

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$y = 7$

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$2x - 6y = -48$

$x = 3$

$y = 9$

3.  $2x + 5y = 40$

$7x + 4y = 59$

$x = 5$

$y = 6$

4.  $6x + 8y = 56$

$4x + 8y = 40$

$x = 8$

$y = 1$

5.  $8x + 2y = 58$

$3x - 5y = -30$

$x = 5$

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8.  $5x + 8y = 97$

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$x = 5$

$y = 9$