



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

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

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

1.  $7x - 8y = -65$   
 $8x - 6y = -46$

2.  $4x + 8y = 100$   
 $2x + 8y = 86$

3.  $5x + 3y = 24$   
 $3x + 8y = 33$

4.  $7x + 8y = 97$   
 $5x + 6y = 71$

5.  $7x - 5y = 0$   
 $8x + 6y = 82$

6.  $4x - 6y = 20$   
 $7x + 2y = 60$

7.  $4x + 7y = 53$   
 $5x - 5y = -30$

8.  $3x + 7y = 59$   
 $6x + 5y = 73$

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

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

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

1.  $7x - 8y = -65$

$8x - 6y = -46$

$x = 1$

$y = 9$

2.  $4x + 8y = 100$

$2x + 8y = 86$

$x = 7$

$y = 9$

3.  $5x + 3y = 24$

$3x + 8y = 33$

$x = 3$

$y = 3$

4.  $7x + 8y = 97$

$5x + 6y = 71$

$x = 7$

$y = 6$

5.  $7x - 5y = 0$

$8x + 6y = 82$

$x = 5$

$y = 7$

6.  $4x - 6y = 20$

$7x + 2y = 60$

$x = 8$

$y = 2$

7.  $4x + 7y = 53$

$5x - 5y = -30$

$x = 1$

$y = 7$

8.  $3x + 7y = 59$

$6x + 5y = 73$

$x = 8$

$y = 5$