



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

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

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

1.  $5x - 3y = 18$   
 $8x - 8y = 16$

2.  $5x + 8y = 58$   
 $6x + 5y = 42$

3.  $3x - 7y = -27$   
 $8x - 4y = 16$

4.  $2x + 7y = 53$   
 $3x + 5y = 52$

5.  $8x - 7y = 50$   
 $7x + 2y = 60$

6.  $4x - 3y = 14$   
 $7x - 4y = 32$

7.  $2x + 7y = 53$   
 $4x - 4y = 16$

8.  $4x + 7y = 37$   
 $3x + 3y = 21$



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

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

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

1.  $5x - 3y = 18$

$$8x - 8y = 16$$

$$x = 6$$

$$y = 4$$

2.  $5x + 8y = 58$

$$6x + 5y = 42$$

$$x = 2$$

$$y = 6$$

3.  $3x - 7y = -27$

$$8x - 4y = 16$$

$$x = 5$$

$$y = 6$$

4.  $2x + 7y = 53$

$$3x + 5y = 52$$

$$x = 9$$

$$y = 5$$

5.  $8x - 7y = 50$

$$7x + 2y = 60$$

$$x = 8$$

$$y = 2$$

6.  $4x - 3y = 14$

$$7x - 4y = 32$$

$$x = 8$$

$$y = 6$$

7.  $2x + 7y = 53$

$$4x - 4y = 16$$

$$x = 9$$

$$y = 5$$

8.  $4x + 7y = 37$

$$3x + 3y = 21$$

$$x = 4$$

$$y = 3$$