



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

Name: _____

Date: _____ Score: _____

1. $2x + 8y = 26$
 $7x + 8y = 51$

2. $8x + 5y = 102$
 $3x + 8y = 75$

3. $8x - 7y = 14$
 $2x - 2y = 2$

4. $6x + 7y = 84$
 $8x + 2y = 68$

5. $5x + 2y = 25$
 $5x + 3y = 30$

6. $4x + 7y = 19$
 $7x - 8y = 13$

7. $4x - 2y = 18$
 $3x + 6y = 51$

8. $6x + 5y = 34$
 $5x + 7y = 34$



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

Name: _____

Date: _____ Score: _____

1. $2x + 8y = 26$

$$7x + 8y = 51$$

$$x = 5$$

$$y = 2$$

2. $8x + 5y = 102$

$$3x + 8y = 75$$

$$x = 9$$

$$y = 6$$

3. $8x - 7y = 14$

$$2x - 2y = 2$$

$$x = 7$$

$$y = 6$$

4. $6x + 7y = 84$

$$8x + 2y = 68$$

$$x = 7$$

$$y = 6$$

5. $5x + 2y = 25$

$$5x + 3y = 30$$

$$x = 3$$

$$y = 5$$

6. $4x + 7y = 19$

$$7x - 8y = 13$$

$$x = 3$$

$$y = 1$$

7. $4x - 2y = 18$

$$3x + 6y = 51$$

$$x = 7$$

$$y = 5$$

8. $6x + 5y = 34$

$$5x + 7y = 34$$

$$x = 4$$

$$y = 2$$