



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

Name: _____

Date: _____ Score: _____

1. $2x - 6y = -10$
 $8x - 2y = 26$

2. $2x + 8y = 32$
 $6x - 8y = 32$

3. $2x + 5y = 49$
 $6x - 5y = -33$

4. $7x + 5y = 83$
 $5x + 7y = 73$

5. $3x + 6y = 69$
 $2x + 7y = 67$

6. $3x + 3y = 39$
 $5x + 6y = 70$

7. $5x + 2y = 26$
 $4x - 4y = 4$

8. $7x + 7y = 63$
 $4x + 8y = 48$



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

Name: _____

Date: _____ Score: _____

1. $2x - 6y = -10$
 $8x - 2y = 26$

$x = 4$
 $y = 3$

2. $2x + 8y = 32$
 $6x - 8y = 32$

$x = 8$
 $y = 2$

3. $2x + 5y = 49$
 $6x - 5y = -33$

$x = 2$
 $y = 9$

4. $7x + 5y = 83$
 $5x + 7y = 73$

$x = 9$
 $y = 4$

5. $3x + 6y = 69$
 $2x + 7y = 67$

$x = 9$
 $y = 7$

6. $3x + 3y = 39$
 $5x + 6y = 70$

$x = 8$
 $y = 5$

7. $5x + 2y = 26$
 $4x - 4y = 4$

$x = 4$
 $y = 3$

8. $7x + 7y = 63$
 $4x + 8y = 48$

$x = 6$
 $y = 3$