



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

Name: _____

Date: _____ Score: _____

1. $2x - 6y = -50$
 $3x - 5y = -39$

2. $4x + 3y = 36$
 $7x - 7y = -35$

3. $3x + 4y = 26$
 $4x + 8y = 48$

4. $4x + 3y = 29$
 $5x + 2y = 24$

5. $3x - 6y = 3$
 $2x - 2y = 6$

6. $8x + 5y = 73$
 $6x - 5y = 11$

7. $2x + 2y = 16$
 $5x + 7y = 42$

8. $7x - 8y = 19$
 $4x - 4y = 12$



Name: _____

Date: _____ Score: _____

1. $2x - 6y = -50$

$3x - 5y = -39$

$x = 2$

$y = 9$

2. $4x + 3y = 36$

$7x - 7y = -35$

$x = 3$

$y = 8$

3. $3x + 4y = 26$

$4x + 8y = 48$

$x = 2$

$y = 5$

4. $4x + 3y = 29$

$5x + 2y = 24$

$x = 2$

$y = 7$

5. $3x - 6y = 3$

$2x - 2y = 6$

$x = 5$

$y = 2$

6. $8x + 5y = 73$

$6x - 5y = 11$

$x = 6$

$y = 5$

7. $2x + 2y = 16$

$5x + 7y = 42$

$x = 7$

$y = 1$

8. $7x - 8y = 19$

$4x - 4y = 12$

$x = 5$

$y = 2$