



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

Name: _____

Date: _____ Score: _____

1. $8x + 6y = 46$
 $5x - 7y = -25$

2. $8x + 5y = 64$
 $7x + 3y = 45$

3. $6x - 7y = -51$
 $5x + 3y = 37$

4. $8x + 7y = 66$
 $7x + 3y = 39$

5. $8x - 3y = 13$
 $2x - 8y = -4$

6. $7x + 7y = 56$
 $6x - 4y = 28$

7. $6x - 8y = 6$
 $6x + 6y = 48$

8. $3x - 2y = 19$
 $3x - 4y = 11$



Name: _____

Date: _____ Score: _____

1. $8x + 6y = 46$

$5x - 7y = -25$

$x = 2$

$y = 5$

2. $8x + 5y = 64$

$7x + 3y = 45$

$x = 3$

$y = 8$

3. $6x - 7y = -51$

$5x + 3y = 37$

$x = 2$

$y = 9$

4. $8x + 7y = 66$

$7x + 3y = 39$

$x = 3$

$y = 6$

5. $8x - 3y = 13$

$2x - 8y = -4$

$x = 2$

$y = 1$

6. $7x + 7y = 56$

$6x - 4y = 28$

$x = 6$

$y = 2$

7. $6x - 8y = 6$

$6x + 6y = 48$

$x = 5$

$y = 3$

8. $3x - 2y = 19$

$3x - 4y = 11$

$x = 9$

$y = 4$