



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

Name: _____

Date: _____ Score: _____

1. $3x - 3y = 3$
 $3x + 6y = 21$

2. $6x - 4y = 4$
 $8x + 7y = 67$

3. $6x + 3y = 24$
 $2x - 8y = -28$

4. $3x - 6y = -21$
 $8x - 5y = -1$

5. $2x + 5y = 47$
 $3x - 8y = -38$

6. $3x - 3y = 6$
 $3x + 2y = 31$

7. $3x + 6y = 51$
 $5x + 6y = 53$

8. $3x - 8y = -37$
 $2x + 4y = 50$



Name: _____

Date: _____ Score: _____

1. $3x - 3y = 3$

$3x + 6y = 21$

$x = 3$

$y = 2$

2. $6x - 4y = 4$

$8x + 7y = 67$

$x = 4$

$y = 5$

3. $6x + 3y = 24$

$2x - 8y = -28$

$x = 2$

$y = 4$

4. $3x - 6y = -21$

$8x - 5y = -1$

$x = 3$

$y = 5$

5. $2x + 5y = 47$

$3x - 8y = -38$

$x = 6$

$y = 7$

6. $3x - 3y = 6$

$3x + 2y = 31$

$x = 7$

$y = 5$

7. $3x + 6y = 51$

$5x + 6y = 53$

$x = 1$

$y = 8$

8. $3x - 8y = -37$

$2x + 4y = 50$

$x = 9$

$y = 8$