



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

Name: _____

Date: _____ Score: _____

1. $8x + 8y = 128$
 $5x - 6y = -19$

2. $7x + 6y = 68$
 $2x - 7y = -59$

3. $8x - 4y = 48$
 $2x + 2y = 30$

4. $2x + 5y = 16$
 $2x - 7y = -8$

5. $4x + 2y = 8$
 $7x - 6y = -5$

6. $5x - 6y = -13$
 $3x - 7y = -18$

7. $4x + 5y = 66$
 $8x + 2y = 84$

8. $5x - 4y = 8$
 $7x + 3y = 37$



Name: _____

Date: _____ Score: _____

1. $8x + 8y = 128$

$5x - 6y = -19$

$x = 7$

$y = 9$

2. $7x + 6y = 68$

$2x - 7y = -59$

$x = 2$

$y = 9$

3. $8x - 4y = 48$

$2x + 2y = 30$

$x = 9$

$y = 6$

4. $2x + 5y = 16$

$2x - 7y = -8$

$x = 3$

$y = 2$

5. $4x + 2y = 8$

$7x - 6y = -5$

$x = 1$

$y = 2$

6. $5x - 6y = -13$

$3x - 7y = -18$

$x = 1$

$y = 3$

7. $4x + 5y = 66$

$8x + 2y = 84$

$x = 9$

$y = 6$

8. $5x - 4y = 8$

$7x + 3y = 37$

$x = 4$

$y = 3$