



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

Name: _____

Date: _____ Score: _____

1. $3x + 7y = 87$
 $5x - 5y = -5$

2. $6x - 6y = 6$
 $7x - 6y = 8$

3. $4x - 3y = 33$
 $5x + 2y = 47$

4. $6x - 4y = 34$
 $3x - 4y = 13$

5. $6x + 3y = 45$
 $6x - 7y = -5$

6. $5x - 7y = -15$
 $3x + 3y = 27$

7. $2x + 8y = 76$
 $2x - 5y = -28$

8. $5x - 2y = 33$
 $2x + 3y = 36$



Name: _____

Date: _____ Score: _____

1. $3x + 7y = 87$

$5x - 5y = -5$

$x = 8$

$y = 9$

2. $6x - 6y = 6$

$7x - 6y = 8$

$x = 2$

$y = 1$

3. $4x - 3y = 33$

$5x + 2y = 47$

$x = 9$

$y = 1$

4. $6x - 4y = 34$

$3x - 4y = 13$

$x = 7$

$y = 2$

5. $6x + 3y = 45$

$6x - 7y = -5$

$x = 5$

$y = 5$

6. $5x - 7y = -15$

$3x + 3y = 27$

$x = 4$

$y = 5$

7. $2x + 8y = 76$

$2x - 5y = -28$

$x = 6$

$y = 8$

8. $5x - 2y = 33$

$2x + 3y = 36$

$x = 9$

$y = 6$