



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

Name: _____

Date: _____ Score: _____

1. $3x - 5y = 1$
 $8x + 5y = 21$

2. $7x - 3y = 15$
 $4x + 6y = 24$

3. $4x - 2y = 22$
 $7x + 2y = 77$

4. $8x - 4y = 28$
 $8x + 6y = 118$

5. $7x + 3y = 13$
 $5x - 5y = -5$

6. $7x - 5y = 18$
 $7x + 8y = 135$

7. $6x + 7y = 86$
 $8x - 4y = 8$

8. $8x + 8y = 64$
 $7x + 8y = 57$

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

Name: _____

Date: _____ Score: _____

1. $3x - 5y = 1$

$8x + 5y = 21$

$x = 2$

$y = 1$

2. $7x - 3y = 15$

$4x + 6y = 24$

$x = 3$

$y = 2$

3. $4x - 2y = 22$

$7x + 2y = 77$

$x = 9$

$y = 7$

4. $8x - 4y = 28$

$8x + 6y = 118$

$x = 8$

$y = 9$

5. $7x + 3y = 13$

$5x - 5y = -5$

$x = 1$

$y = 2$

6. $7x - 5y = 18$

$7x + 8y = 135$

$x = 9$

$y = 9$

7. $6x + 7y = 86$

$8x - 4y = 8$

$x = 5$

$y = 8$

8. $8x + 8y = 64$

$7x + 8y = 57$

$x = 7$

$y = 1$