



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

Name: _____

Date: _____ Score: _____

1. $5x + 3y = 25$
 $8x - 6y = -14$

2. $7x + 8y = 120$
 $8x - 2y = 48$

3. $8x - 6y = -28$
 $5x + 3y = 23$

4. $2x + 6y = 40$
 $2x + 8y = 50$

5. $8x + 2y = 12$
 $7x - 3y = 1$

6. $8x + 5y = 80$
 $3x - 6y = -33$

7. $5x + 5y = 55$
 $5x - 3y = -17$

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



Name: _____

Date: _____ Score: _____

1. $5x + 3y = 25$

$8x - 6y = -14$

$x = 2$

$y = 5$

2. $7x + 8y = 120$

$8x - 2y = 48$

$x = 8$

$y = 8$

3. $8x - 6y = -28$

$5x + 3y = 23$

$x = 1$

$y = 6$

4. $2x + 6y = 40$

$2x + 8y = 50$

$x = 5$

$y = 5$

5. $8x + 2y = 12$

$7x - 3y = 1$

$x = 1$

$y = 2$

6. $8x + 5y = 80$

$3x - 6y = -33$

$x = 5$

$y = 8$

7. $5x + 5y = 55$

$5x - 3y = -17$

$x = 2$

$y = 9$

8. $2x + 2y = 6$

$7x - 6y = 8$

$x = 2$

$y = 1$