



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

Name: _____

Date: _____ Score: _____

1. $6x - 3y = -18$
 $6x - 2y = -10$

2. $8x - 8y = 0$
 $4x + 6y = 20$

3. $6x + 6y = 72$
 $2x + 5y = 51$

4. $6x + 7y = 90$
 $8x + 7y = 106$

5. $6x - 6y = -30$
 $6x - 3y = -9$

6. $8x - 5y = -37$
 $7x + 8y = 79$

7. $3x + 4y = 27$
 $8x + 4y = 52$

8. $6x - 2y = 20$
 $5x + 2y = 24$



Name: _____

Date: _____ Score: _____

1. $6x - 3y = -18$

$6x - 2y = -10$

$x = 1$

$y = 8$

2. $8x - 8y = 0$

$4x + 6y = 20$

$x = 2$

$y = 2$

3. $6x + 6y = 72$

$2x + 5y = 51$

$x = 3$

$y = 9$

4. $6x + 7y = 90$

$8x + 7y = 106$

$x = 8$

$y = 6$

5. $6x - 6y = -30$

$6x - 3y = -9$

$x = 2$

$y = 7$

6. $8x - 5y = -37$

$7x + 8y = 79$

$x = 1$

$y = 9$

7. $3x + 4y = 27$

$8x + 4y = 52$

$x = 5$

$y = 3$

8. $6x - 2y = 20$

$5x + 2y = 24$

$x = 4$

$y = 2$