

SYSTEMS OF EQUATIONS: ELIMINATION #2

Use elimination to solve each system of equations.

1. $x - 4y = -13$
 $2x + 4y = 10$

(-1 , 3)

2. $x + 7y = 30$
 $x + 3y = 14$

(2 , 4)

3. $4x - y = 6$
 $-4x + 3y = 14$

(4 , 10)

4. $4x - 3y = 2$
 $4x - 5y = -10$

(5 , 6)

5. $2x - 3y = 12$
 $x + 3y = 6$

(6 , 0)

6. $-6x + 3y = 45$
 $5x + 3y = -10$

(-5 , 5)

7. $4x - 2y = -8$
 $8x - 3y = -6$

(3 , 10)

8. $2x + 3y = 1$
 $4x + 5y = -5$

(-10 , 7)

9. $8x - 6y = 0$
 $2x + 3y = -18$

(-3 , -4)

10. $2x + 5y = 12$
 $3x + 8y = 20$

(-4 , 4)

11. $4x - 3y = 23$
 $3x + 4y = -14$

(2 , -5)

12. $-5x - 3y = 18$
 $2x - 7y = 1$

(-3 , -1)