

More Solving Systems by Elimination

Use elimination to solve the system of linear equations.

1. $-2x + y = 1$
 $-4x + 2y = -6$

No Solution

4. $-x - 2y = 3$
 $-2x + 4y = -2$

$(-1, -1)$

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

$(-2, -2)$

10. $-x - 5y = 30$
 $2x - 7y = 25$

$(-5, -5)$

2. $x - y = 4$
 $x + y = 4$

$(4, 0)$

5. $-3x - 2y = 6$
 $-6x + 4y = -12$

$(0, -3)$

8. $x - y = 5$
 $x - y = 2$

No Solution

11. $-x + 8y = 16$
 $3x + 4y = 36$

$(8, 3)$

3. $6x + 3y = 6$
 $2x + y = 2$

Infinitely Many

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

$(3, -3)$

9. $3x - 10y = -15$
 $-3x + 10y = 15$

Infinitely Many

12. $6x - 5y = 3$
 $-12x + 10y = 5$

No Solution