



Linear Combinations (Elimination Method)



Name _____

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

(,)

2. $6x - 2y = 6$
 $x + 4y = 14$

(,)

3. $x + y = 4$
 $2x + 3y = 9$

(,)

4. $5x + 2y = 7$
 $x + 4y = 5$

(,)

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

(,)

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

(,)

$$\begin{aligned} 7. \quad & 2x + y = -1 \\ & 3x - 4y = 15 \end{aligned} \quad (\quad , \quad)$$

$$\begin{aligned} 8. \quad & 2x - y = 8 \\ & x + 3y = -3 \end{aligned} \quad (\quad , \quad)$$

$$\begin{aligned} 9. \quad & 4x + 2y = 6 \\ & 7x - 4y = 18 \end{aligned} \quad (\quad , \quad)$$

$$\begin{aligned} 10. \quad & 3x + 3y = 18 \\ & -4x + 4y = -8 \end{aligned} \quad (\quad , \quad)$$

$$\begin{aligned} 11. \quad & 12x + 4y = 36 \\ & -6x + 12y = 24 \end{aligned} \quad (\quad , \quad)$$

$$\begin{aligned} 12. \quad & 3x + 4y = 24 \\ & x - 2y = 3 \end{aligned} \quad (\quad , \quad)$$

