

Review: Solving Systems of Equations - Elimination Method

Solve each System by the Elimination Method. Check.

$$\begin{aligned} 1) \quad x - y &= 0 \\ 2x - y &= -1 \end{aligned}$$

$$\begin{aligned} 2) \quad x + 2y &= 8 \\ 2x - y &= 6 \end{aligned}$$

$$\begin{aligned} 3) \quad 5x - 2y &= 8 \\ x + 6y &= -24 \end{aligned}$$

$$\begin{aligned} 4) \quad 3x + 4y &= 2 \\ 6x + 12y &= 5 \end{aligned}$$

$$\begin{aligned} 5) \quad 5x - y &= 9 \\ x + 3y &= 21 \end{aligned}$$

$$\begin{aligned} 6) \quad 3x + 4y &= 7 \\ 5x + 3y &= 8 \end{aligned}$$

Answers:

$$1) \quad (-1, -1)$$

$$2) \quad (4, 2)$$

$$3) \quad (0, -4)$$

$$4) \quad \left(\frac{1}{3}, \frac{1}{4}\right)$$

$$5) \quad (3, 6)$$

$$6) \quad (1, 1)$$

*did you check your sol'ns ???