

Section 6.3 - Solving systems by elimination

Solve each system by elimination. Check the solution in both of the original equations.

$$\begin{aligned} 1) \quad & -3x - 3y = 12 \\ & -9x + 3y = -24 \end{aligned}$$

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

$$\begin{aligned} 3) \quad & -5x + 3y = 2 \\ & -5x - 5y = -30 \end{aligned}$$

$$\begin{aligned} 4) \quad & 7x + y = 6 \\ & 10x + y = 12 \end{aligned}$$