

Solving systems by elimination #1

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Date_____ Period____

Solve each system by elimination.

$$\begin{aligned} 1) \quad & -4x - 8y = -16 \\ & 6x + 8y = 12 \end{aligned}$$

$$\begin{aligned} 2) \quad & 8x - y = -29 \\ & -8x + 2y = 26 \end{aligned}$$

$$\begin{aligned} 3) \quad & -2x + 5y = 24 \\ & 2x + 7y = 0 \end{aligned}$$

$$\begin{aligned} 4) \quad & 5x + y = 8 \\ & -5x - 2y = -1 \end{aligned}$$

$$\begin{aligned} 5) \quad & 8x - 2y = 6 \\ & -8x + 9y = 29 \end{aligned}$$

$$\begin{aligned} 6) \quad & 3x - 3y = -15 \\ & -6x + 3y = 9 \end{aligned}$$

$$\begin{array}{l} 7) \quad -x + 10y = -13 \\ \quad \quad x - 10y = 12 \end{array}$$

$$\begin{array}{l} 8) \quad 8x - 4y = 0 \\ \quad \quad -8x + 4y = 0 \end{array}$$

$$\begin{array}{l} 9) \quad 4x - 5y = -20 \\ \quad \quad -4x - 2y = -8 \end{array}$$

$$\begin{array}{l} 10) \quad -x + 3y = -9 \\ \quad \quad -7x - 3y = -15 \end{array}$$

$$\begin{array}{l} 11) \quad 5x + 3y = -2 \\ \quad \quad 3x - 3y = -6 \end{array}$$

$$\begin{array}{l} 12) \quad 3x + 4y = 9 \\ \quad \quad -3x - 9y = 6 \end{array}$$