

Solving systems by elimination #4

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Date_____ Period____

Solve each system by elimination.

$$\begin{array}{l} 1) \quad 12x + 7y = 18 \\ \quad \quad 6x + 4y = 6 \end{array}$$

$$\begin{array}{l} 2) \quad -x + 8y = -5 \\ \quad \quad -4x - 4y = 16 \end{array}$$

$$\begin{array}{l} 3) \quad -2x - 8y = -4 \\ \quad \quad 8x - 4y = 16 \end{array}$$

$$\begin{array}{l} 4) \quad 6x + y = 7 \\ \quad \quad 8x + 9y = -29 \end{array}$$

$$\begin{array}{l} 5) \quad 6x + 4y = -30 \\ \quad \quad -8x - 4y = 28 \end{array}$$

$$\begin{array}{l} 6) \quad x + 3y = -16 \\ \quad \quad 10x - 3y = 5 \end{array}$$

$$\begin{array}{l} 7) \quad -7x + 9y = -18 \\ \quad \quad 9x - 9y = 18 \end{array}$$

$$\begin{array}{l} 8) \quad x + 4y = -1 \\ \quad \quad -x - 4y = 6 \end{array}$$

$$\begin{array}{l} 9) \quad 72x + 54y = 18 \\ \quad \quad 48x + 36y = 12 \end{array}$$

$$\begin{array}{l} 10) \quad 8x - 6y = -4 \\ \quad \quad -9x + 7y = 4 \end{array}$$

$$\begin{array}{l} 11) \quad 3x - 5y = 23 \\ \quad \quad -7x - 4y = 9 \end{array}$$

$$\begin{array}{l} 12) \quad 5x + 7y = 3 \\ \quad \quad 6x + 6y = 18 \end{array}$$