

Systems of equations - elimination method

Date_____ Period____

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Solve each system by elimination.

$$\begin{array}{l} 1) \quad -6x + 6y = 12 \\ \quad \quad 6x - 9y = -3 \end{array}$$

$$\begin{array}{l} 2) \quad 6x + 5y = 21 \\ \quad \quad -6x + 2y = 0 \end{array}$$

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

$$\begin{array}{l} 4) \quad -6x + 6y = 30 \\ \quad \quad 5x - 6y = -23 \end{array}$$

$$\begin{array}{l} 5) \quad 3x + 5y = 2 \\ \quad \quad -7x + y = 8 \end{array}$$

$$\begin{array}{l} 6) \quad -2x - 7y = -30 \\ \quad \quad -4x + y = -30 \end{array}$$

$$\begin{array}{l} 7) \ x - 9y = -11 \\ \quad -9x + 2y = 20 \end{array}$$

$$\begin{array}{l} 8) \ 2x - 2y = -2 \\ \quad 7x - 10y = -16 \end{array}$$

$$\begin{array}{l} 9) \ 3x - 9y = 15 \\ \quad 8x - 2y = 18 \end{array}$$

$$\begin{array}{l} 10) \ 6x - 6y = 0 \\ \quad -10x + 4y = 6 \end{array}$$

$$\begin{array}{l} 11) \ 7x - 3y = -21 \\ \quad -4x - 7y = 12 \end{array}$$

$$\begin{array}{l} 12) \ -5x - 3y = -30 \\ \quad -4x + 8y = 28 \end{array}$$