

Solving systems by elimination #3

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Date_____ Period____

Solve each system by elimination.

$$\begin{array}{l} 1) \quad 3x - 7y = 27 \\ \quad \quad 8x + 9y = -11 \end{array}$$

$$\begin{array}{l} 2) \quad 4x - 5y = 27 \\ \quad \quad -10x - 2y = -24 \end{array}$$

$$\begin{array}{l} 3) \quad 16x - 8y = 16 \\ \quad \quad 12x - 6y = 12 \end{array}$$

$$\begin{array}{l} 4) \quad -8x - 10y = -26 \\ \quad \quad -5x + 9y = -1 \end{array}$$

$$\begin{array}{l} 5) \quad 20x - 36y = 28 \\ \quad \quad -25x + 45y = -10 \end{array}$$

$$\begin{array}{l} 6) \quad 7x - 5y = 2 \\ \quad \quad 9x - 9y = -18 \end{array}$$

$$\begin{aligned} 7) \quad & 9x + 5y = 4 \\ & -7x - 7y = -28 \end{aligned}$$

$$\begin{aligned} 8) \quad & -15x - 15y = -15 \\ & -50x - 50y = 0 \end{aligned}$$

$$\begin{aligned} 9) \quad & -4x + 2y = -30 \\ & -10x - 3y = -3 \end{aligned}$$

$$\begin{aligned} 10) \quad & -7x + 4y = -8 \\ & -6x + 9y = -18 \end{aligned}$$

$$\begin{aligned} 11) \quad & 7x + 5y = -26 \\ & -6x + 8y = 10 \end{aligned}$$

$$\begin{aligned} 12) \quad & 14x - 63y = 0 \\ & -16x + 72y = 0 \end{aligned}$$