



Elimination Method

Version 1

Name: _____

Date: _____

Score: _____

Direction: Solve each system of equations using the Elimination Method. Show your solution on the space provided.

$$1) \begin{cases} 8x + y = -27 \\ -9x + 4y = 15 \end{cases}$$

$$2) \begin{cases} 3x + 8y = 23 \\ -x - 16y = -21 \end{cases}$$

$$3) \begin{cases} -10x + y = 12 \\ -2x - 2y = -2 \end{cases}$$



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$$1) \begin{cases} 8x + y = -27 \\ -9x + 4y = 15 \end{cases}$$

$$x = -3, y = -3$$

$$2) \begin{cases} 3x + 8y = 23 \\ -x - 16y = -21 \end{cases}$$

$$x = 5, y = 1$$

$$3) \begin{cases} -10x + y = 12 \\ -2x - 2y = -2 \end{cases}$$

$$x = -1, y = 2$$