

Alg 1+ Solving Using Elimination

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Name _____

Solve each system of equations using elimination. Write your answer as a coordinate pair (x,y) and put a circle or box around it.

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

$$\begin{aligned} 2) \quad & 4x - 6y = 4 \\ & 6x + 6y = 6 \end{aligned}$$

$$\begin{aligned} 3) \quad & -6x + 5y = -12 \\ & -5x - 5y = -10 \end{aligned}$$

$$\begin{aligned} 4) \quad & -2x - 4y = -4 \\ & 2x - 6y = 4 \end{aligned}$$

$$5) \begin{aligned} 5x + y &= 1 \\ -4x - y &= 0 \end{aligned}$$

$$6) \begin{aligned} 2x + y &= -2 \\ -2x + 5y &= -10 \end{aligned}$$

$$7) \begin{aligned} x - 4y &= -9 \\ -x + y &= 3 \end{aligned}$$

$$8) \begin{aligned} -2x + 4y &= 16 \\ x - 4y &= -14 \end{aligned}$$

$$9) \begin{aligned} -6x - 5y &= -15 \\ 6x + y &= 3 \end{aligned}$$

$$10) \begin{aligned} -6x + y &= 6 \\ 3x - y &= -3 \end{aligned}$$