

Elimination ZIG ZAG

Date _____ Period _____

Solve each system by elimination.

$$\begin{aligned} 1) \quad & -6x + 8y = -16 \\ & -2x - 8y = -16 \end{aligned}$$

$$\begin{aligned} 2) \quad & 7x - y = -20 \\ & -2x + y = 10 \end{aligned}$$

$$\begin{aligned} 3) \quad & 10x + y = 30 \\ & -2x - y = -14 \end{aligned}$$

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

$$\begin{aligned} 5) \quad & 7x + 7y = 0 \\ & 2x - 7y = 9 \end{aligned}$$

$$\begin{aligned} 6) \quad & 9x - 9y = -18 \\ & -9x + 4y = 3 \end{aligned}$$

$$\begin{aligned} 7) \quad & 3x + 9y = 9 \\ & -8x - 9y = 6 \end{aligned}$$

$$\begin{aligned} 8) \quad & -6x - y = 7 \\ & 6x - 3y = -3 \end{aligned}$$

$$\begin{aligned} 9) \quad & 7x + y = -27 \\ & x - y = -5 \end{aligned}$$

$$\begin{aligned} 10) \quad & -8x - y = 23 \\ & 8x + 2y = -14 \end{aligned}$$

$$\begin{aligned} 11) \quad & -3x + y = 5 \\ & 3x + 8y = -14 \end{aligned}$$

$$\begin{aligned} 12) \quad & 6x - 7y = -30 \\ & -6x + 3y = 6 \end{aligned}$$

$$\begin{aligned} 13) \quad & 6x + 7y = -17 \\ & -9x - 7y = 8 \end{aligned}$$

$$\begin{aligned} 14) \quad & 2x - 2y = -8 \\ & -2x + 10y = -8 \end{aligned}$$

$$\begin{aligned} 15) \quad & -6x + y = 28 \\ & 5x - y = -22 \end{aligned}$$

$$\begin{aligned} 16) \quad & -8x + 7y = 0 \\ & -4x - 7y = 0 \end{aligned}$$

$$\begin{aligned} 17) \quad & -5x - 10y = -5 \\ & 5x - 3y = 5 \end{aligned}$$

$$\begin{aligned} 18) \quad & 8x + 3y = 20 \\ & -8x - 2y = -24 \end{aligned}$$

$$\begin{aligned} 19) \quad & 4x - 6y = -14 \\ & -4x - 5y = 25 \end{aligned}$$

$$\begin{aligned} 20) \quad & 9x - 3y = -18 \\ & -4x + 3y = -2 \end{aligned}$$

$$\begin{aligned} 21) \quad & -2x - 4y = 4 \\ & 2x - 9y = -4 \end{aligned}$$

$$\begin{aligned} 22) \quad & 9x - 4y = 26 \\ & -9x + 5y = -19 \end{aligned}$$

$$\begin{aligned} 23) \quad & -5x - 8y = 2 \\ & 7x + 8y = -22 \end{aligned}$$

$$\begin{aligned} 24) \quad & 3x - 7y = -21 \\ & -3x - 3y = 21 \end{aligned}$$

$$\begin{aligned} 25) \quad & -x - y = -2 \\ & x + 5y = 10 \end{aligned}$$

$$\begin{aligned} 26) \quad & -x - 2y = 6 \\ & -5x + 2y = -30 \end{aligned}$$

$$\begin{aligned} 27) \quad & -3x - 6y = -18 \\ & 7x + 6y = 18 \end{aligned}$$

$$\begin{aligned} 28) \quad & 7x - 7y = 0 \\ & -4x + 7y = -24 \end{aligned}$$

$$\begin{aligned} 29) \quad & 3x - y = -5 \\ & x + y = 5 \end{aligned}$$

$$\begin{aligned} 30) \quad & -x - 6y = -7 \\ & x - 6y = -5 \end{aligned}$$

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 $(4, 1)$

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 $(-2, 6)$

$$\begin{aligned} 3) \quad & 10x + y = 30 \\ & -2x - y = -14 \end{aligned}$$

 $(2, 10)$

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

 $(1, 0)$

$$\begin{aligned} 5) \quad & 7x + 7y = 0 \\ & 2x - 7y = 9 \end{aligned}$$

 $(1, -1)$

$$\begin{aligned} 6) \quad & 9x - 9y = -18 \\ & -9x + 4y = 3 \end{aligned}$$

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$$\begin{aligned} 8) \quad & -6x - y = 7 \\ & 6x - 3y = -3 \end{aligned}$$

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$$\begin{aligned} 16) \quad & -8x + 7y = 0 \\ & -4x - 7y = 0 \\ & \quad (0, 0) \end{aligned}$$

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$$\begin{aligned} 21) \quad & -2x - 4y = 4 \\ & 2x - 9y = -4 \\ & \quad (-2, 0) \end{aligned}$$

$$\begin{aligned} 22) \quad & 9x - 4y = 26 \\ & -9x + 5y = -19 \\ & \quad (6, 7) \end{aligned}$$

$$\begin{aligned} 23) \quad & -5x - 8y = 2 \\ & 7x + 8y = -22 \\ & \quad (-10, 6) \end{aligned}$$

$$\begin{aligned} 24) \quad & 3x - 7y = -21 \\ & -3x - 3y = 21 \\ & \quad (-7, 0) \end{aligned}$$

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$$\begin{aligned} 30) \quad & -x - 6y = -7 \\ & x - 6y = -5 \\ & \quad (1, 1) \end{aligned}$$