



## Solving Systems of Equations by Elimination

Name: \_\_\_\_\_

Date: \_\_\_\_\_



Solve each system of equations.

$$1) \begin{cases} y = 2x - 3 \\ y = x - 1 \end{cases}$$

$$2) \begin{cases} 4x + 2y = 14 \\ 7x - 3y = -8 \end{cases}$$

$$3) \begin{cases} x - 3y = 7 \\ 2x - 7y = 15 \end{cases}$$

$$4) \begin{cases} 2x + 3y = 13 \\ 3x - y = 3 \end{cases}$$

$$5) \begin{cases} 2x - 6y = -30 \\ -x - y = -1 \end{cases}$$

$$6) \begin{cases} 4x = -8y \\ -4x - 4y = 1 \end{cases}$$

$$7) \begin{cases} x - y = 11 \\ 2x + 8 = -y \end{cases}$$

$$8) \begin{cases} 4x + 3y = 0 \\ 5x - 3y = 27 \end{cases}$$



QUIZ ?

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## Answers



Solve each system of equations.

$$1) \begin{cases} y = 2x - 3 \\ y = x - 1 \end{cases}$$

$$x = 2, y = 1$$

$$2) \begin{cases} 4x + 2y = 14 \\ 7x - 3y = -8 \end{cases}$$

$$x = 4, y = -1$$

$$3) \begin{cases} x - 3y = 7 \\ 2x - 7y = 15 \end{cases}$$

$$x = 4, y = -1$$

$$4) \begin{cases} 2x + 3y = 13 \\ 3x - y = 3 \end{cases}$$

$$x = 2, y = 3$$

$$5) \begin{cases} 2x - 6y = -30 \\ -x - y = -1 \end{cases}$$

$$x = -3, y = 4$$

$$6) \begin{cases} 4x = -8y \\ -4x - 4y = 1 \end{cases}$$

$$x = -\frac{1}{2}, y = \frac{1}{4}$$

$$7) \begin{cases} x - y = 11 \\ 2x + 8 = -y \end{cases}$$

$$x = 1, y = -10$$

$$8) \begin{cases} 4x + 3y = 0 \\ 5x - 3y = 27 \end{cases}$$

$$x = 3, y = -4$$



QUIZ ?

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