

## Equations in Standard Form

Name \_\_\_\_\_

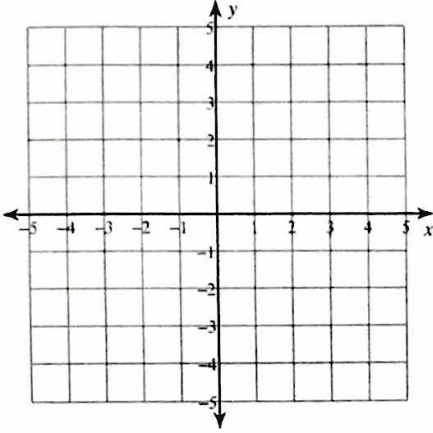
## Solving Systems by Graphing

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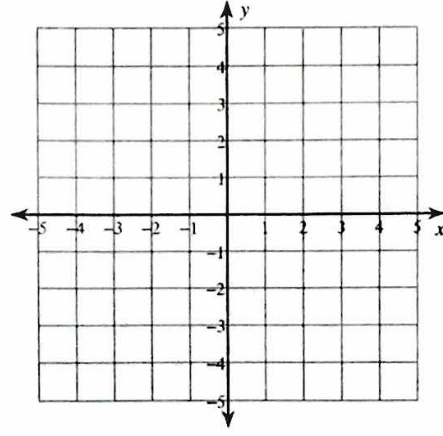
Solve each system by graphing.

Date \_\_\_\_\_ Period \_\_\_\_\_

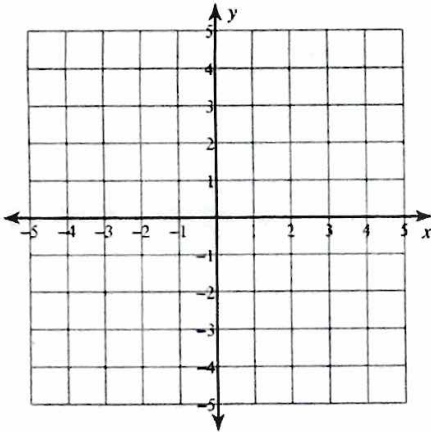
$$1) \begin{cases} 2x + y = 1 \\ x - 2y = 8 \end{cases}$$



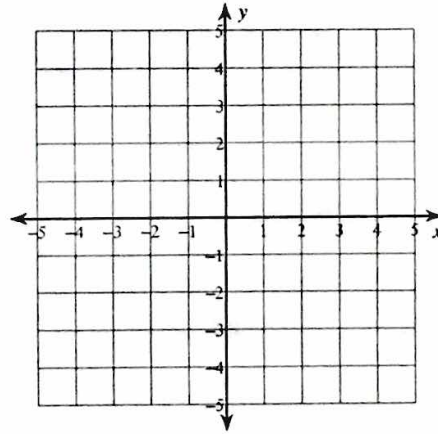
$$2) \begin{cases} 3x + 2y = 4 \\ x + 2y = -4 \end{cases}$$



$$3) \begin{cases} 4x + y = 1 \\ x + y = -2 \end{cases}$$



$$4) \begin{cases} x + 3y = -9 \\ 5x + 3y = 3 \end{cases}$$



## Solving Systems of Equations by Substitution

Solve each system by substitution.

$$\begin{aligned} 1) \quad & y = 6x - 11 \\ & -2x - 3y = -7 \end{aligned}$$

$$\begin{aligned} 2) \quad & 2x - 3y = -1 \\ & y = x - 1 \end{aligned}$$

$$\begin{aligned} 3) \quad & y = -3x + 5 \\ & 5x - 4y = -3 \end{aligned}$$

$$\begin{aligned} 4) \quad & -3x - 3y = 3 \\ & y = -5x - 17 \end{aligned}$$

$$\begin{aligned} 5) \quad & y = -2 \\ & 4x - 3y = 18 \end{aligned}$$

$$\begin{aligned} 6) \quad & y = 5x - 7 \\ & -3x - 2y = -12 \end{aligned}$$

$$\begin{aligned} 7) \quad & -4x + y = 6 \\ & -5x - y = 21 \end{aligned}$$

$$\begin{aligned} 8) \quad & -7x - 2y = -13 \\ & x - 2y = 11 \end{aligned}$$

$$\begin{aligned} 9) \quad & -5x + y = -2 \\ & -3x + 6y = -12 \end{aligned}$$

$$\begin{aligned} 10) \quad & -5x + y = -3 \\ & 3x - 8y = 24 \end{aligned}$$