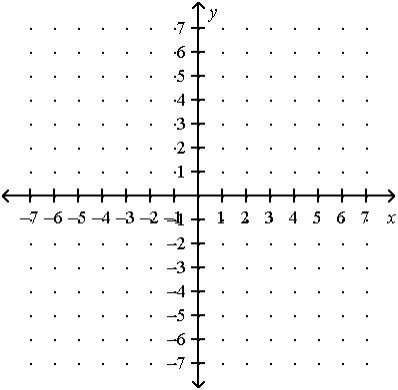
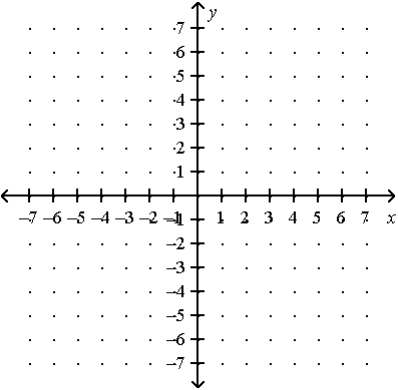
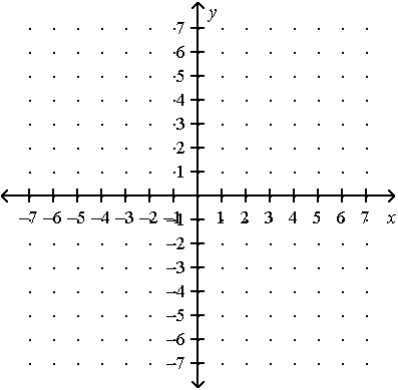


# 3 Methods to Solve

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

**Solve each system by GRAPHING ( $y = mx+b$ ). Write your answer as an ordered pair.**

<p>1.</p> $y = x - 5$ $y = -\frac{4}{3}x + 2$ 	<p>2.</p> $y = -\frac{3}{2}x - 4$ $2x + y = 3$ 	<p>3.</p> $y = -2x + 6$ $y - 6 = -2x$ 
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**Solve each system by using SUBSTITUTION (plug in). Write your answer as an ordered pair.**

<p>4.</p> $x - y = 3$ $y = 2x$	<p>5.</p> $y = 3x - 4$ $5x + y = -4$	<p>6.</p> $6x - 2y = -7$ $y = 3x + 1$
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**Solve each system by ELIMINATION (opposites). Write your answer as an ordered pair.**

<p>7.</p> $x + y = 19$ $x - y = -7$	<p>8.</p> $-3x + 4y = 29$ $3x + 2y = -17$	<p>9.</p> $4x - 9y = 61$ $10x + 3y = 25$
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10. Tell whether the ordered pair (5, -3) is a solution of the system.

$$\begin{cases} 2y = 3x - 21 \\ y = -x + 2 \end{cases}$$

11. Tell whether the ordered pair (3, 2) is a solution of the system.

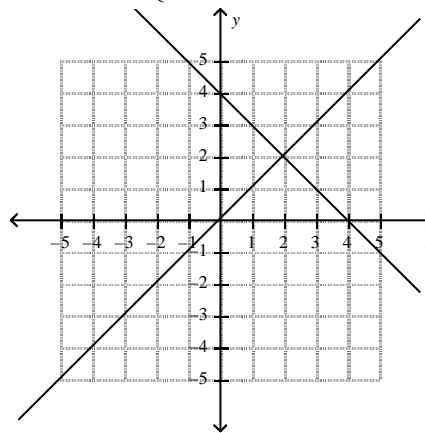
$$\begin{cases} y = -2x + 8 \\ y = \frac{1}{3}x + 1 \end{cases}$$

12. Tell whether the ordered pair (-1, 1) is a solution of the system.

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

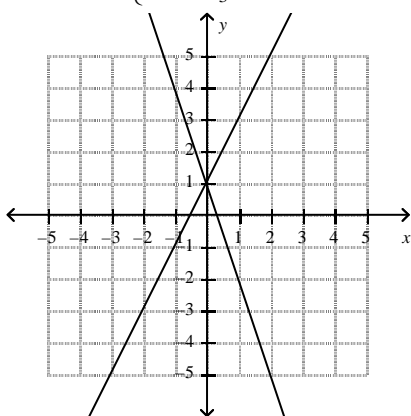
13. What is the solution? Check your ordered pair by plugging it into both equations.

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



14. What is the solution? Check your ordered pair by plugging it into both equations.

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



15. What is the solution? Check your ordered pair by plugging it into both equations.

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

