

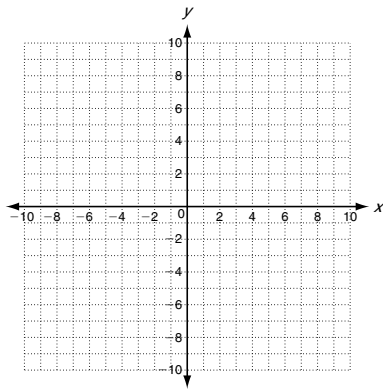
LESSON
6-1 Practice C
Solving Systems by Graphing

Tell whether the ordered pair is a solution of the given equation.

1. $(6, -2)$; $\begin{cases} 2x - y = 14 \\ x + 4y = -2 \end{cases}$ 2. $(4, 0)$; $\begin{cases} x - 2y = 4 \\ -x + y = -8 \end{cases}$ 3. $(-6, -2)$; $\begin{cases} 2x - y = -10 \\ -x + y = 4 \end{cases}$

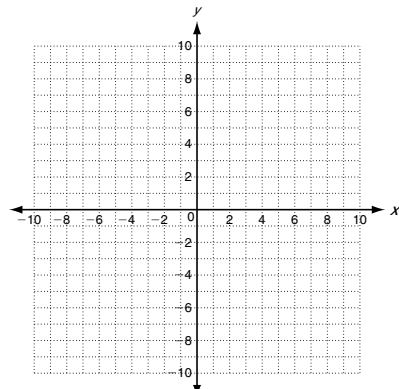
Solve each system by graphing.

4. $\begin{cases} y = 2x + 4 \\ y = -x + 7 \end{cases}$



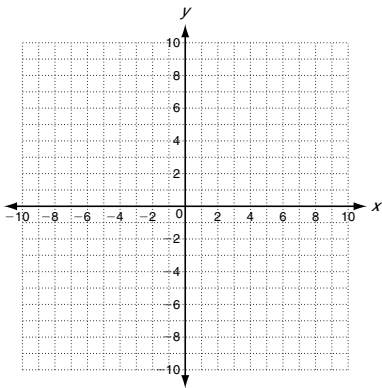
Solution: _____

5. $\begin{cases} y = 2x - 6 \\ y = 3x - 8 \end{cases}$



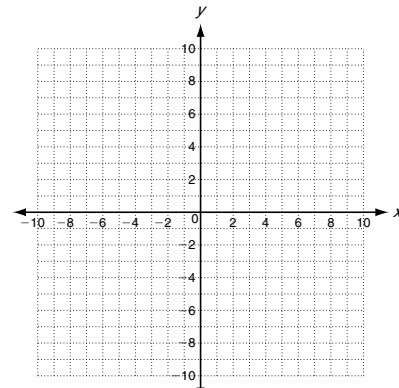
Solution: _____

6. $\begin{cases} x + y = -2 \\ y = 4x - 7 \end{cases}$



Solution: _____

7. $\begin{cases} x = y + 2 \\ 2x = y \end{cases}$



Solution: _____

Use a graphing calculator to solve.

8. To sell an item in an online auction, WebAuctions charges a \$5 listing fee plus 10% of the final selling price. AuctionsOnline charges a \$3 listing fee plus 15% of the final selling price. For what final selling price do both companies charge the same amount? What will that amount be? _____