

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

## HW - Graphing Systems Review

### Short Answer

1. Is the ordered pair (0, 3) is a solution of the system.

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

2. Tell whether the ordered pair (-3, 0) is a solution of the system.

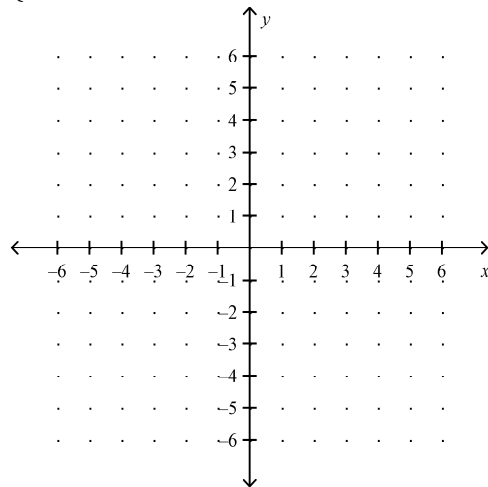
$$\begin{cases} y = x + 3 \\ x + y = -3 \end{cases}$$

3. Tell whether the ordered pair (-1, 4) is a solution of the system.

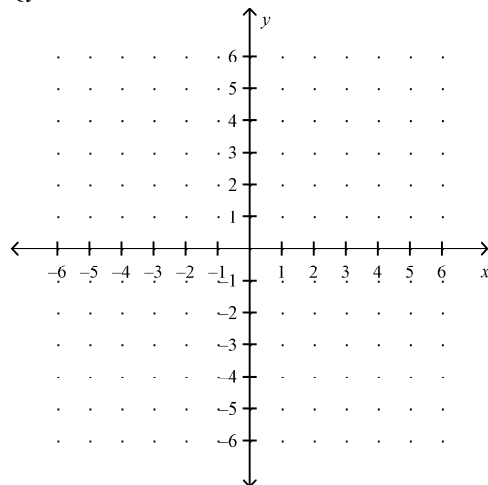
$$\begin{cases} y = 4x - 1 \\ 2x + y = -2 \end{cases}$$

**Solve each system? Check your ordered pair by plugging it into both equations.**

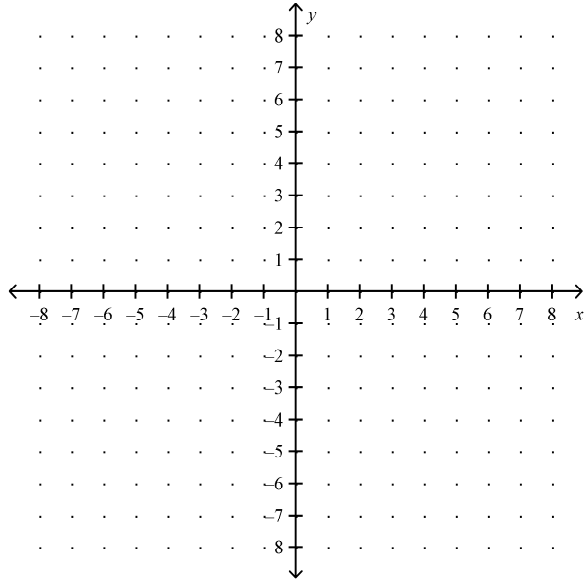
4. 
$$\begin{cases} y = x + 3 \\ y = -\frac{2}{3}x - 2 \end{cases}$$



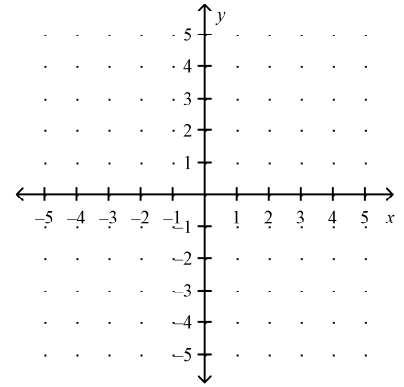
5. 
$$\begin{cases} y = 2x + 1 \\ y = 2x - 4 \end{cases}$$



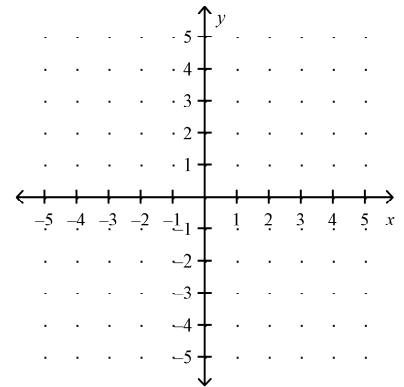
6. 
$$\begin{cases} -3x + y = 8 \\ y = \frac{2}{3}x + 1 \end{cases}$$



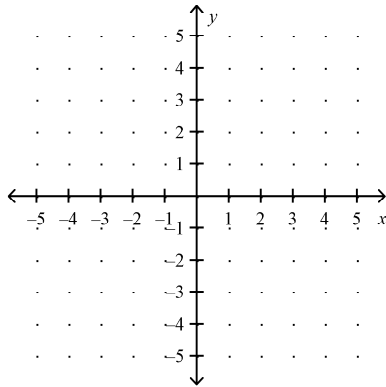
9. 
$$\begin{cases} y = x - 4 \\ x + y = 0 \end{cases}$$



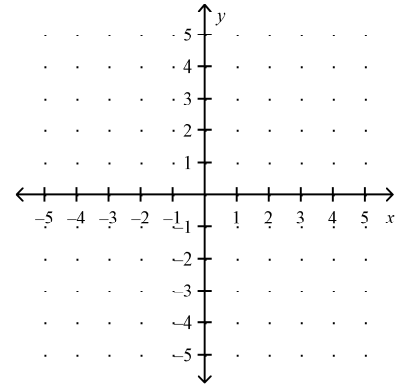
10. 
$$\begin{cases} -2x - y = 4 \\ y = -2x - 4 \end{cases}$$



7. 
$$\begin{cases} y = \frac{1}{5}x - 2 \\ -\frac{1}{5}x + y = 4 \end{cases}$$



11. 
$$\begin{cases} y = 3 \\ x = -3 \end{cases}$$



8. 
$$\begin{cases} y = x - 4 \\ -x + y = -4 \end{cases}$$

