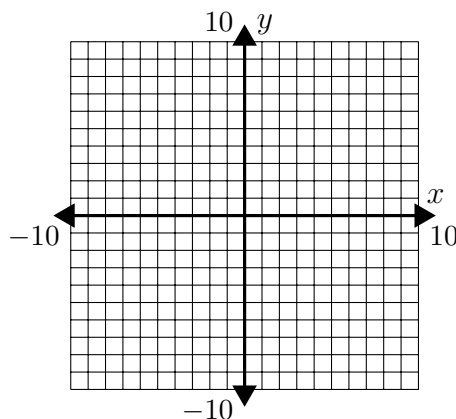


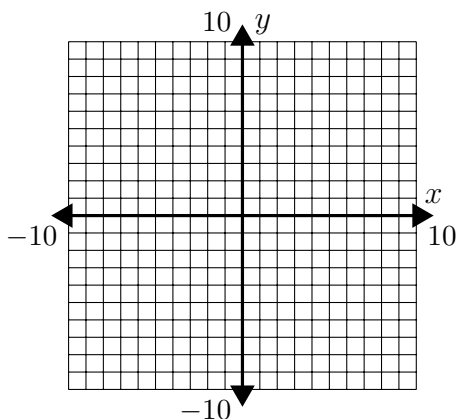
Systems of Equations Worksheet 5

Graph each system of equations and write the point of intersection.

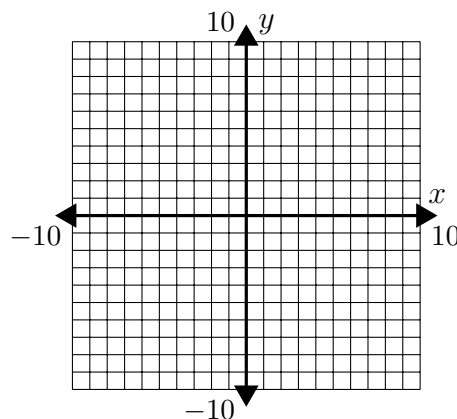
1.
$$\begin{cases} y = \frac{2}{3}x - 1 \\ y = -x + 4 \end{cases}$$



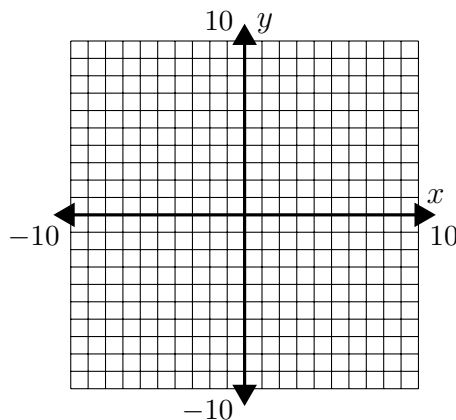
2.
$$\begin{cases} y = -2x + 1 \\ y = x - 5 \end{cases}$$



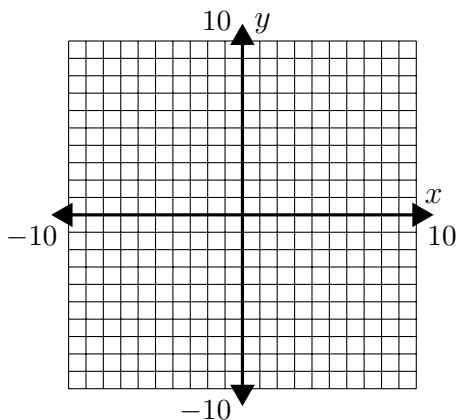
3.
$$\begin{cases} y = \frac{1}{2}x - 3 \\ y = \frac{3}{2}x - 1 \end{cases}$$



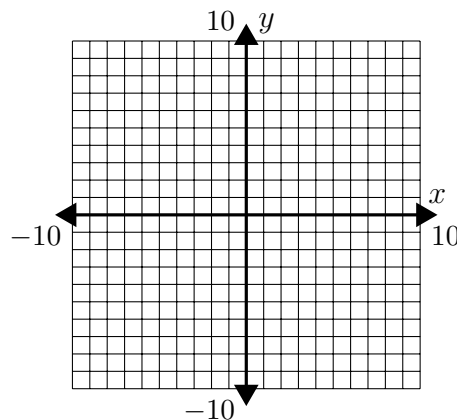
4.
$$\begin{cases} y = 2x \\ x + y = 3 \end{cases}$$



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



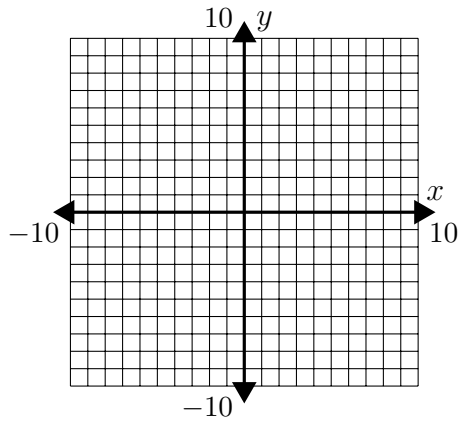
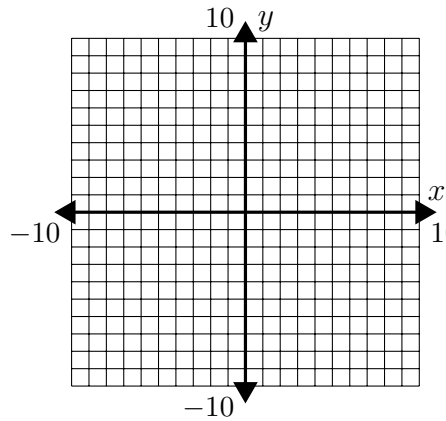
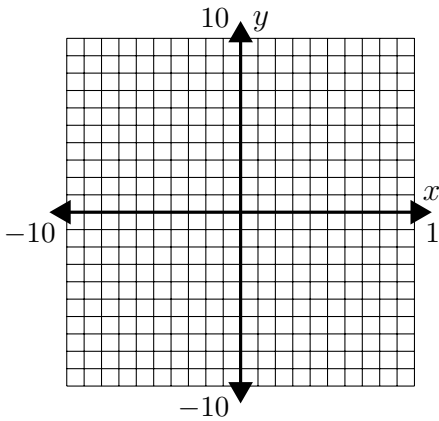
6.
$$\begin{cases} x = 3 - 3y \\ x + 3y = -6 \end{cases}$$



$$7. \begin{cases} x + 2y = -4 \\ 4y = 3x + 12 \end{cases}$$

$$8. \begin{cases} y = -2 \\ 2x - 5y = 20 \end{cases}$$

$$9. \begin{cases} 4x + 3y = -15 \\ y = x + 2 \end{cases}$$



$$10. \begin{cases} 5x + 3y = 27 \\ y = -1 \end{cases}$$

$$11. \begin{cases} 3x + 5y = -25 \\ x + y = -9 \end{cases}$$

$$12. \begin{cases} x - y = 4 \\ -4x + 4y = -16 \end{cases}$$

