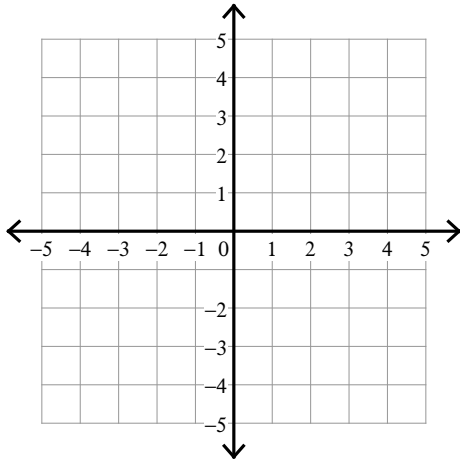


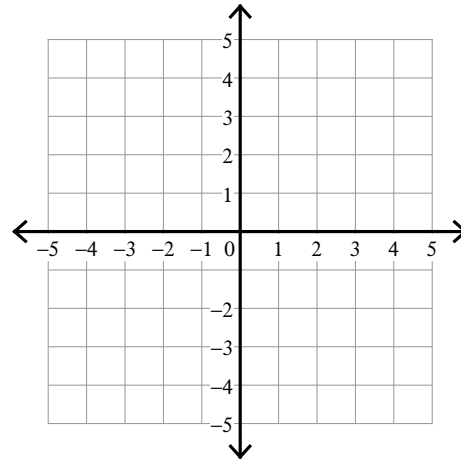
## Solving Systems of Equations by Graphing

Solve each system by graphing.

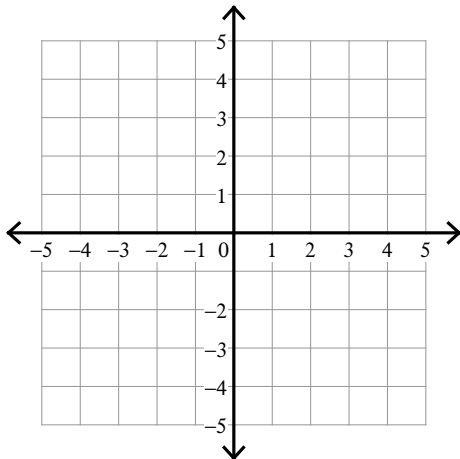
$$1) \begin{aligned} y &= 3x - 4 \\ y &= -3x + 2 \end{aligned}$$



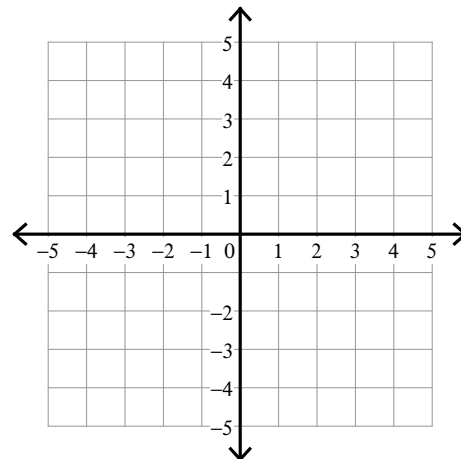
$$2) \begin{aligned} y &= \frac{4}{3}x + 3 \\ y &= -\frac{2}{3}x - 3 \end{aligned}$$



$$3) \begin{aligned} y &= \frac{5}{4}x - 2 \\ y &= \frac{5}{4}x - 1 \end{aligned}$$

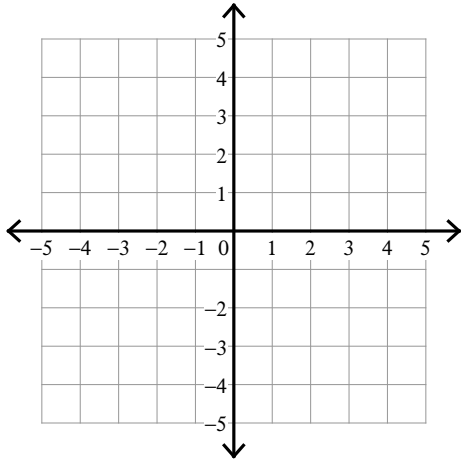


$$4) \begin{aligned} y &= \frac{1}{3}x + 2 \\ y &= -x - 2 \end{aligned}$$



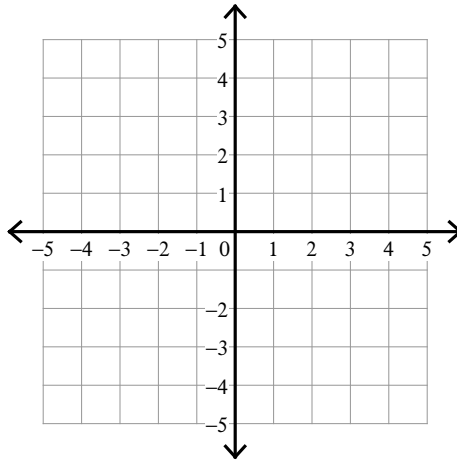
$$5) y = -\frac{3}{2}x - 4$$

$$y = \frac{1}{2}x + 4$$



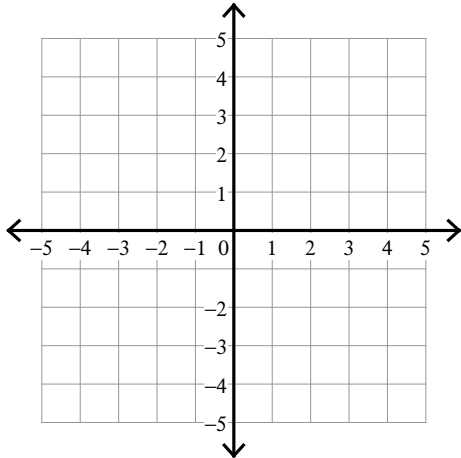
$$6) y = 4x - 1$$

$$y = -x + 4$$



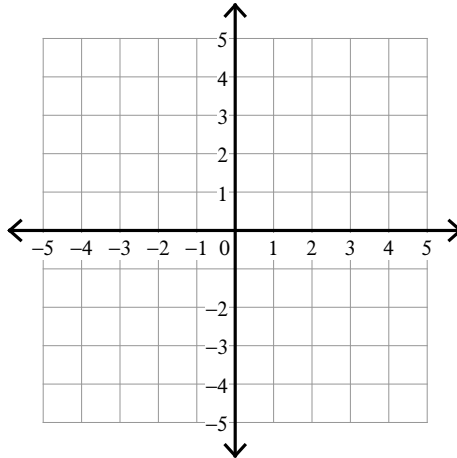
$$7) y = \frac{3}{4}x + 1$$

$$y = -\frac{1}{2}x - 4$$



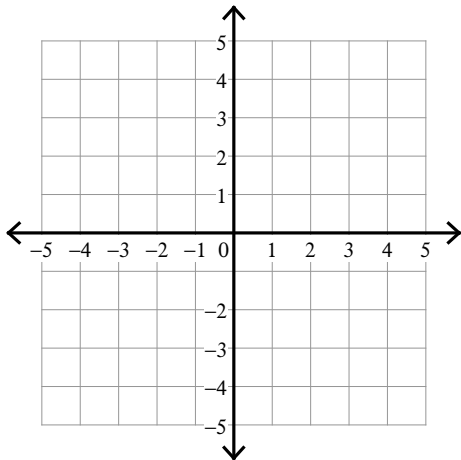
$$8) y = -\frac{3}{2}x - 3$$

$$y = -\frac{1}{2}x + 1$$



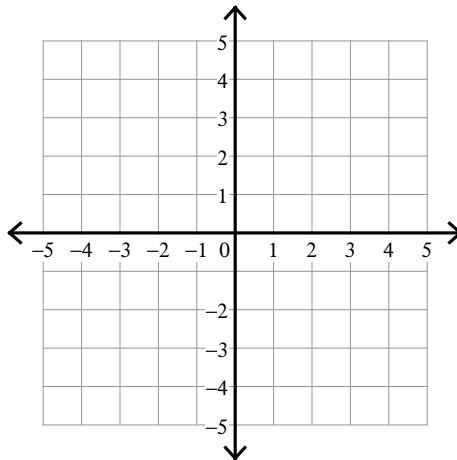
$$9) y = x - 4$$

$$y = -x + 2$$



$$10) y = 3x + 4$$

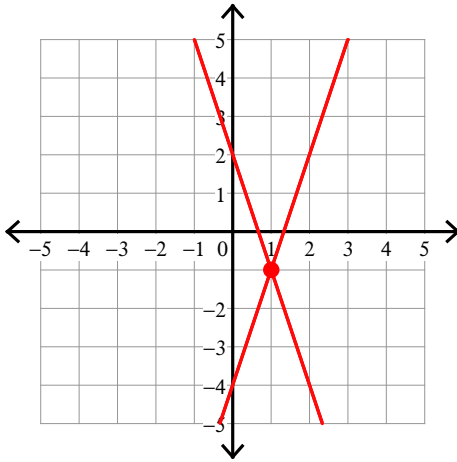
$$y = -x - 4$$



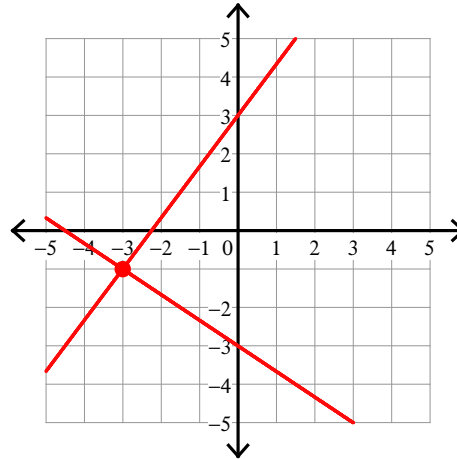
## Solving Systems of Equations by Graphing

Solve each system by graphing.

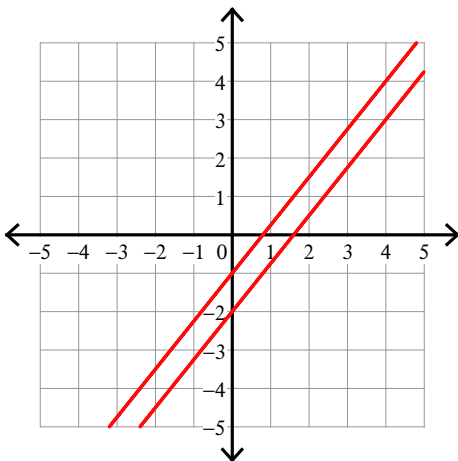
$$1) \begin{aligned} y &= 3x - 4 \\ y &= -3x + 2 \end{aligned}$$

 $(1, -1)$ 

$$2) \begin{aligned} y &= \frac{4}{3}x + 3 \\ y &= -\frac{2}{3}x - 3 \end{aligned}$$

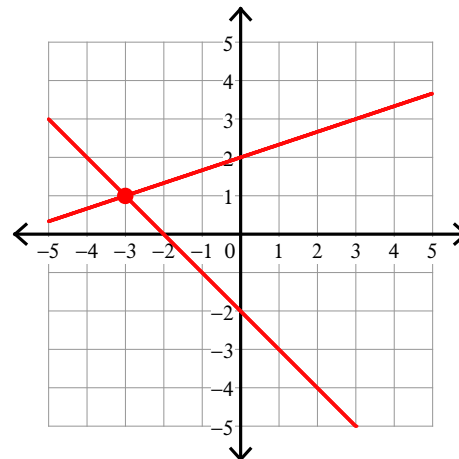
 $(-3, -1)$ 

$$3) \begin{aligned} y &= \frac{5}{4}x - 2 \\ y &= \frac{5}{4}x - 1 \end{aligned}$$



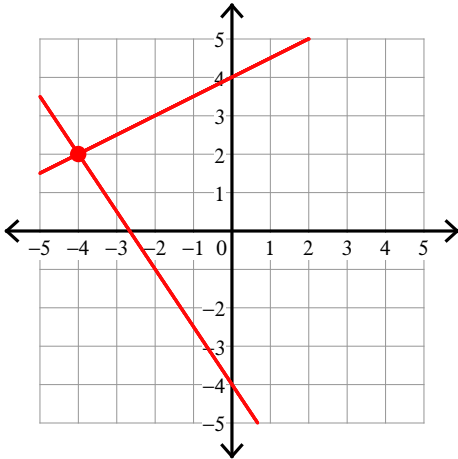
No solution

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

 $(-3, 1)$

$$5) y = -\frac{3}{2}x - 4$$

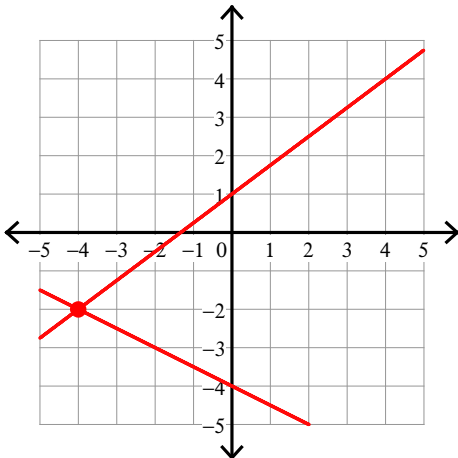
$$y = \frac{1}{2}x + 4$$



$(-4, 2)$

$$7) y = \frac{3}{4}x + 1$$

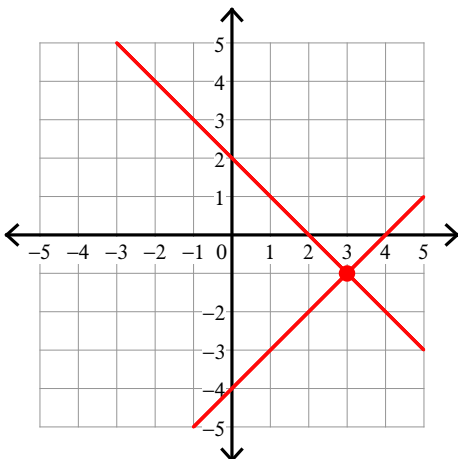
$$y = -\frac{1}{2}x - 4$$



$(-4, -2)$

$$9) y = x - 4$$

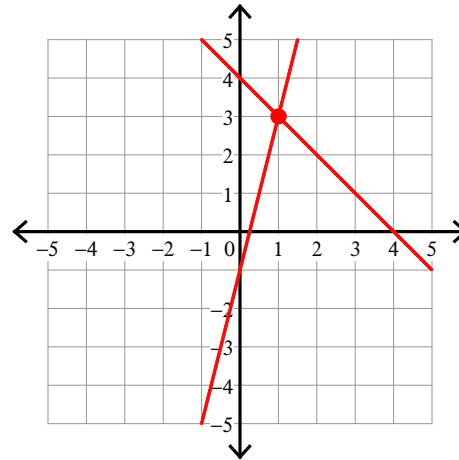
$$y = -x + 2$$



$(3, -1)$

$$6) y = 4x - 1$$

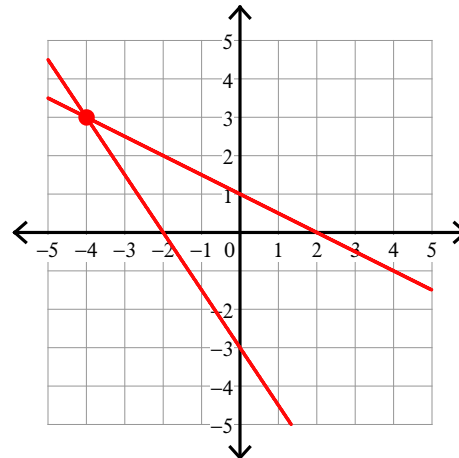
$$y = -x + 4$$



$(1, 3)$

$$8) y = -\frac{3}{2}x - 3$$

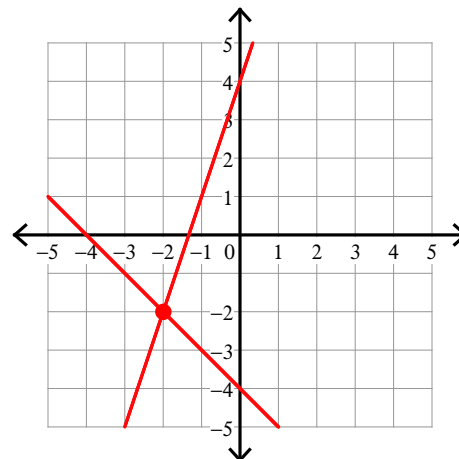
$$y = -\frac{1}{2}x + 1$$



$(-4, 3)$

$$10) y = 3x + 4$$

$$y = -x - 4$$



$(-2, -2)$