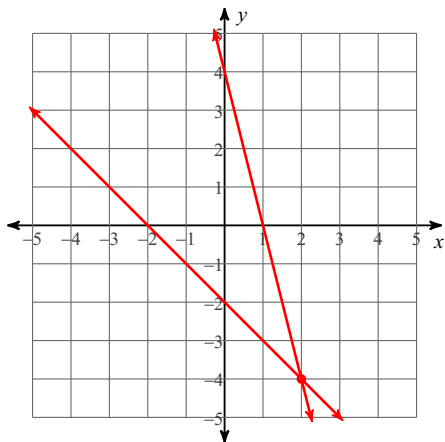


Unit 3.1 Practice Solving systems by graphing

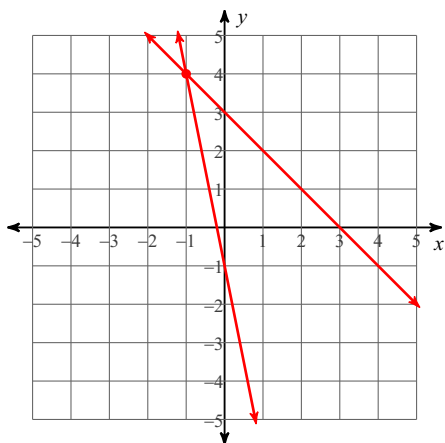
Solve each system by graphing.

1) $y = -4x + 4$
 $y = -x - 2$



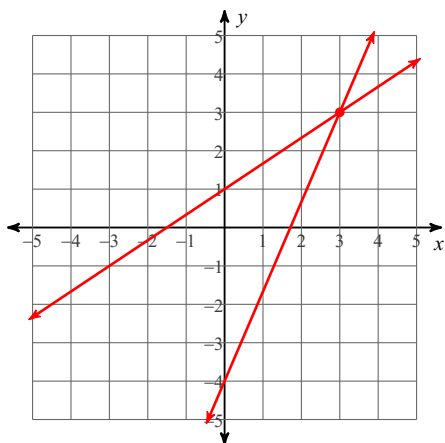
(2, -4)

3) $y = -x + 3$
 $y = -5x - 1$



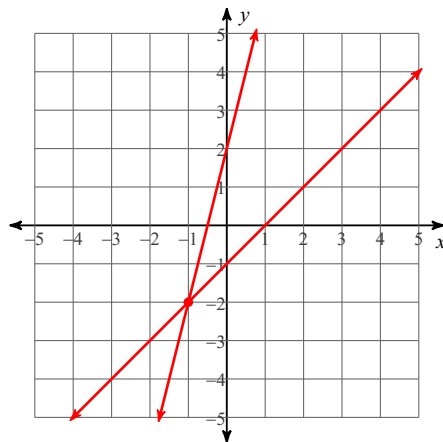
(-1, 4)

5) $2x - 3y = -3$
 $7x - 3y = 12$



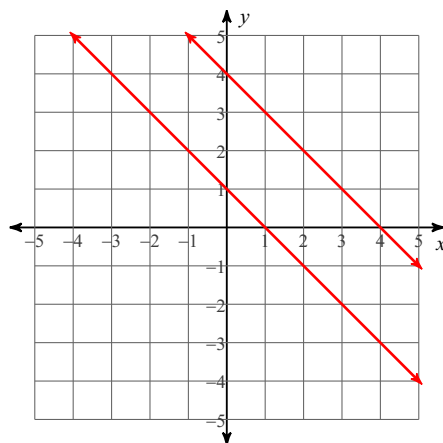
(3, 3)

2) $y = x - 1$
 $y = 4x + 2$



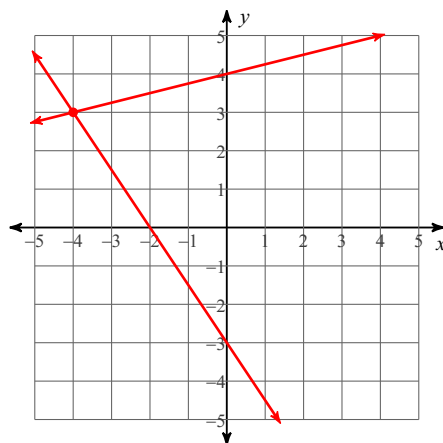
(-1, -2)

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



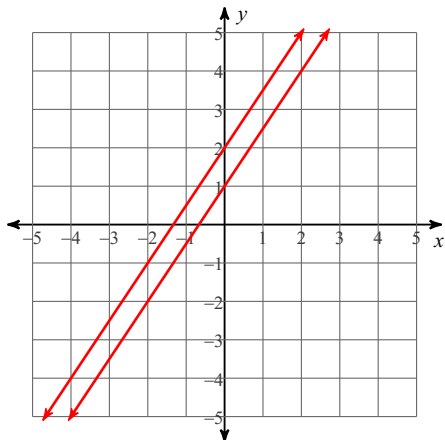
No solution

6) $x - 4y = -16$
 $3x + 2y = -6$



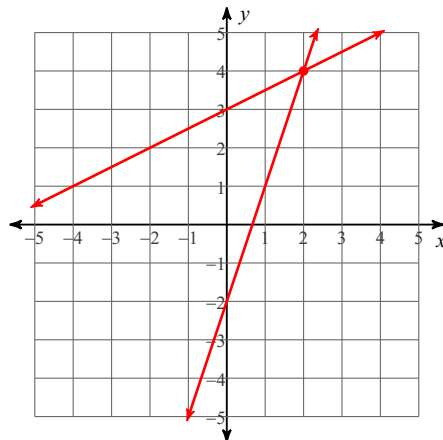
(-4, 3)

$$7) \begin{aligned} 3x - 2y &= -2 \\ 3x - 2y &= -4 \end{aligned}$$



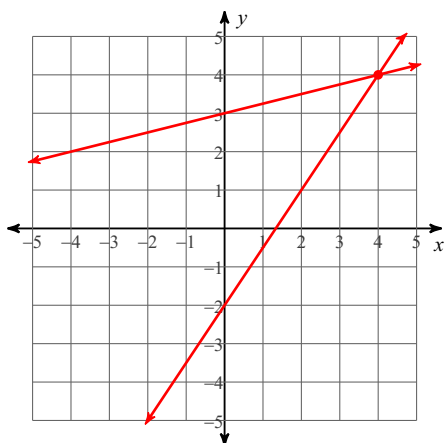
No solution

$$8) \begin{aligned} 3x - y &= 2 \\ x - 2y &= -6 \end{aligned}$$



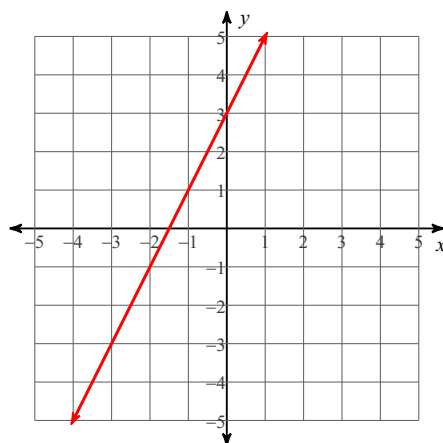
(2, 4)

$$9) \begin{aligned} -4y &= -12 - x \\ 3x - 2y - 4 &= 0 \end{aligned}$$



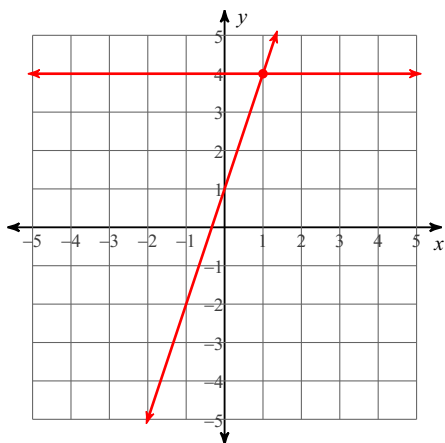
(4, 4)

$$10) \begin{aligned} 2x - y &= -3 \\ 3 &= y - 2x \end{aligned}$$



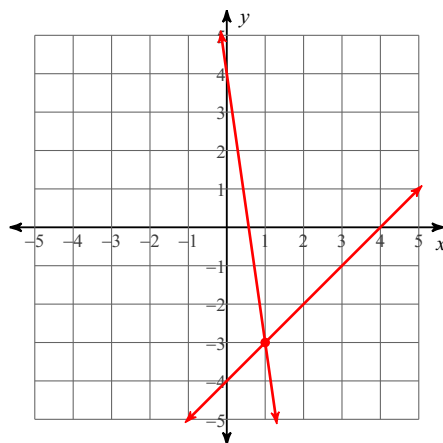
Infinite number of solutions

$$11) \begin{aligned} -4 + y &= 0 \\ 3x + 1 &= y \end{aligned}$$



(1, 4)

$$12) \begin{aligned} 0 &= 4 - y - 7x \\ -x + 4 &= -y \end{aligned}$$



(1, -3)