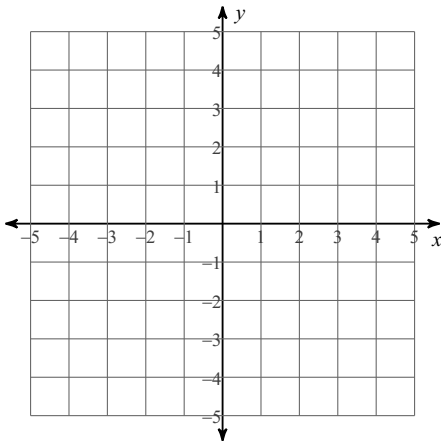


System of equation

Solve each system by graphing.

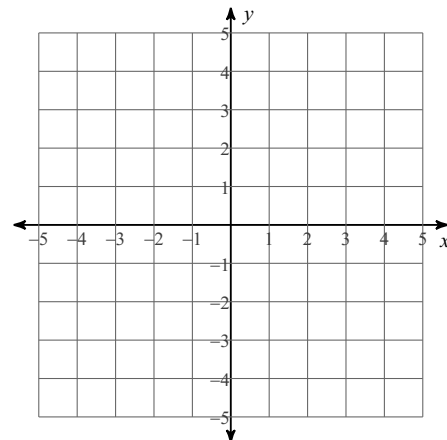
1) $y = 2x + 4$

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



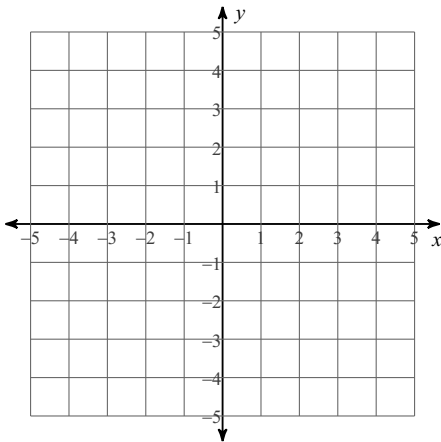
2) $y = -\frac{3}{2}x - 3$

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



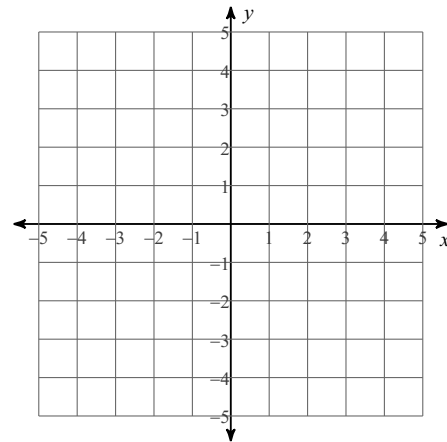
3) $y = -2x - 3$

$y = 2x + 1$



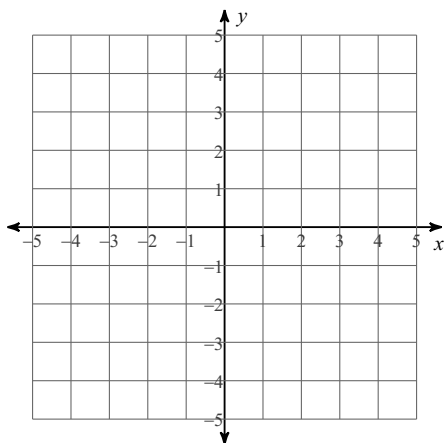
4) $y = -x + 4$

$y = 5x - 2$



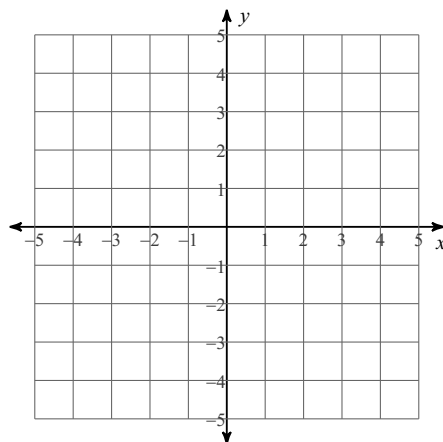
$$5) y = -\frac{3}{2}x - 2$$

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



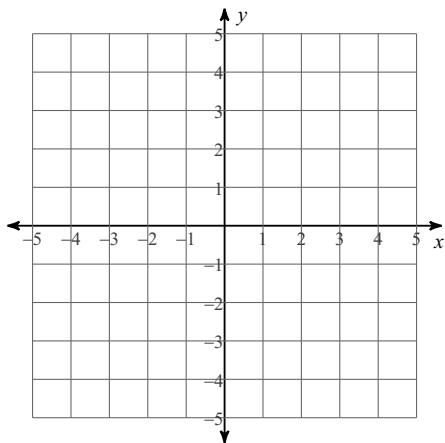
$$6) y = \frac{5}{4}x - 3$$

$$y = 2$$



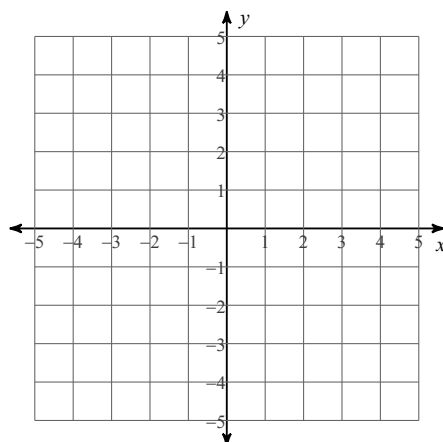
$$7) y = -\frac{2}{3}x - 2$$

$$y = -\frac{8}{3}x + 4$$



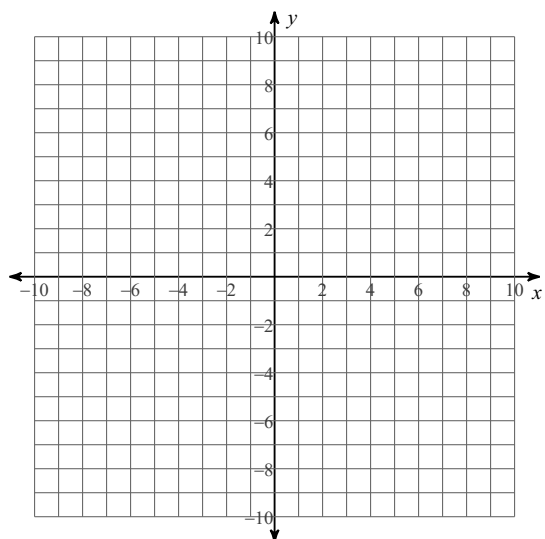
$$8) y = \frac{1}{2}x + 3$$

$$y = 4x - 4$$



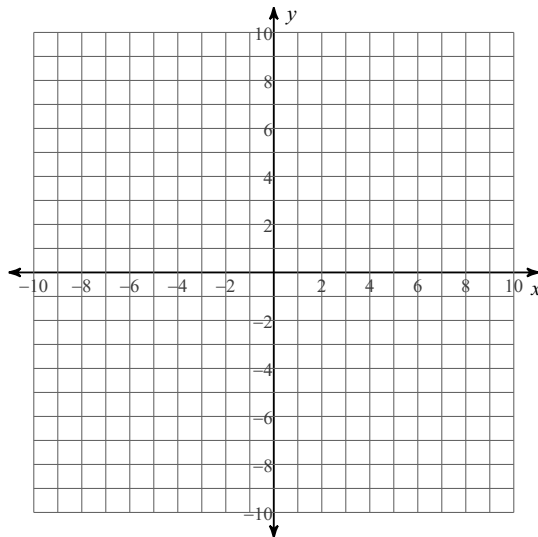
$$9) 0 = 1 - \frac{1}{12}x - \frac{1}{3}y$$

$$-4y - 4 + 3x = 0$$



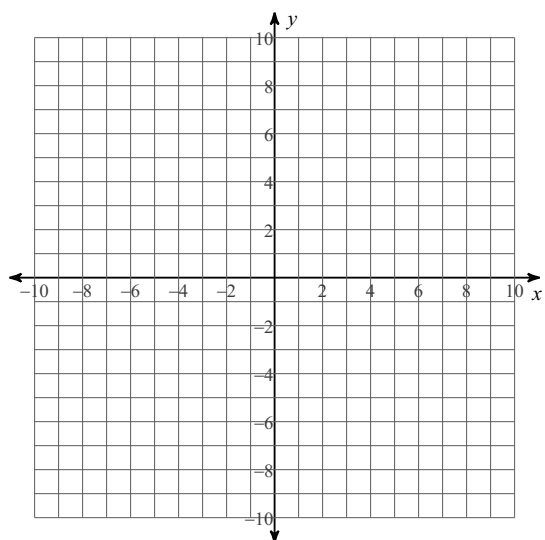
$$10) 0 = 3y - x + 6$$

$$0 = -3y - x + 12$$



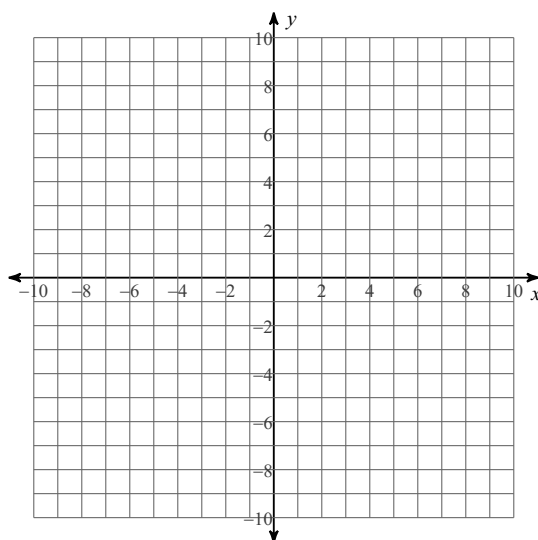
$$11) -y = 4x + 1$$

$$0 = -2y - 16 - x$$

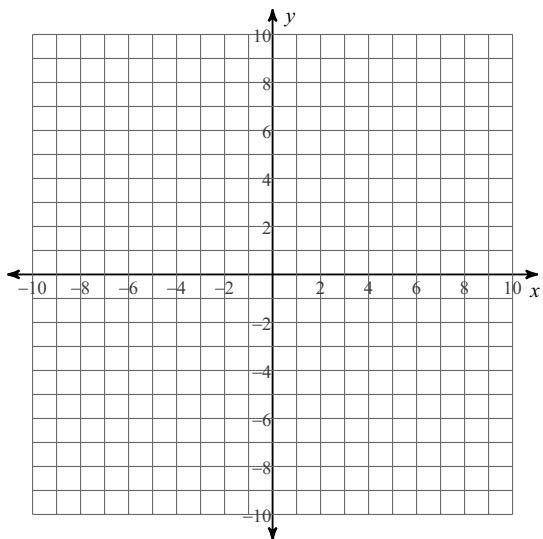


$$12) -4y = -7x - 20$$

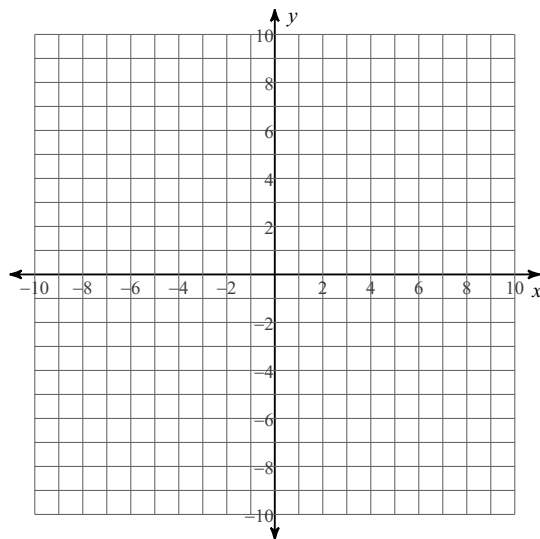
$$-y - 9 = 0$$



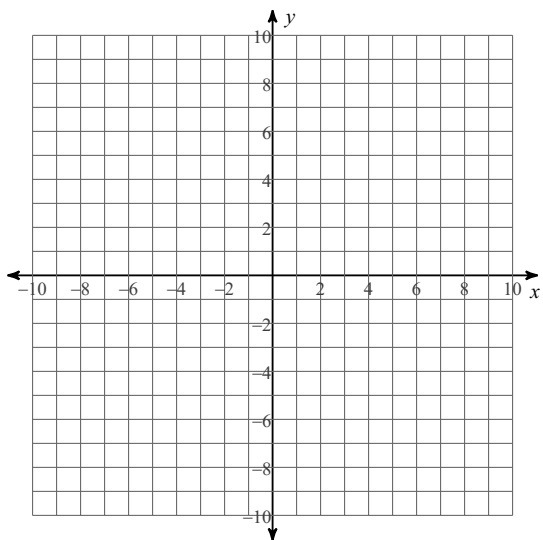
13) $2x - 7y = -42$
 $2x - 7y = 56$



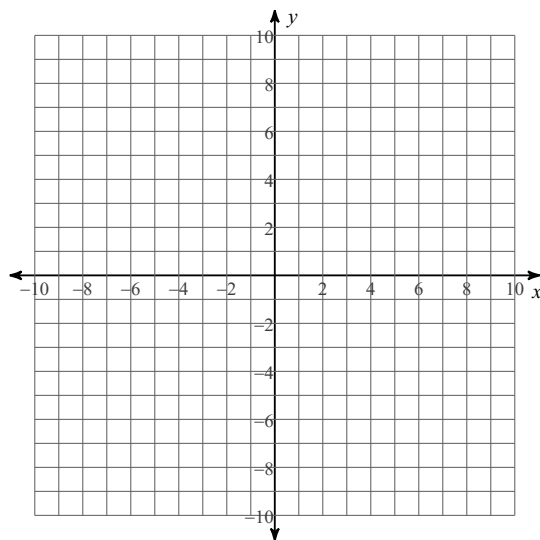
14) $2x - 3y = 3$
 $x + 9y = -72$



15) $13x + 9y = -63$
 $2x + 9y = 36$



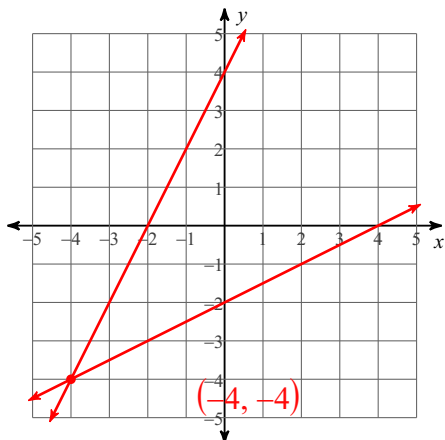
16) $x + y = -5$
 $13x + 3y = 15$



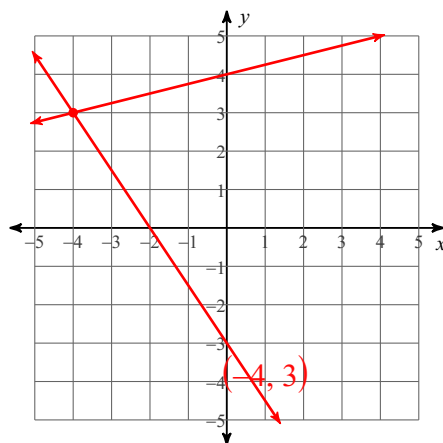
System of equation

Solve each system by graphing.

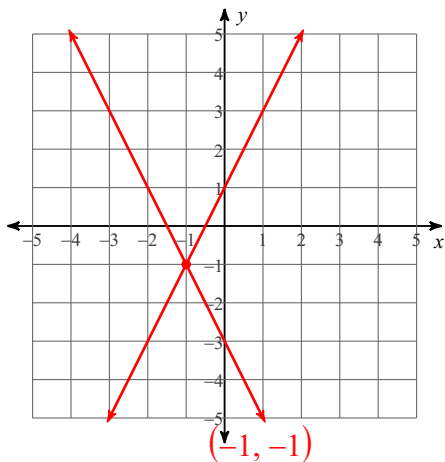
$$1) \begin{cases} y = 2x + 4 \\ y = \frac{1}{2}x - 2 \end{cases}$$

 $(-4, -4)$

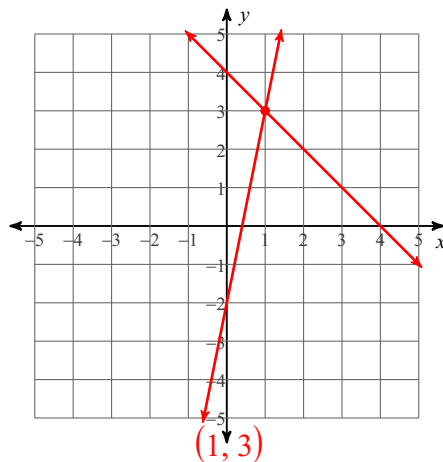
$$2) \begin{cases} y = -\frac{3}{2}x - 3 \\ y = \frac{1}{4}x + 4 \end{cases}$$

 $(-4, 3)$

$$3) \begin{cases} y = -2x - 3 \\ y = 2x + 1 \end{cases}$$

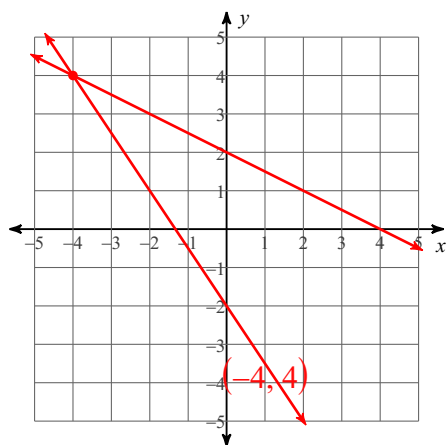
 $(-1, -1)$

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

 $(1, 3)$

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

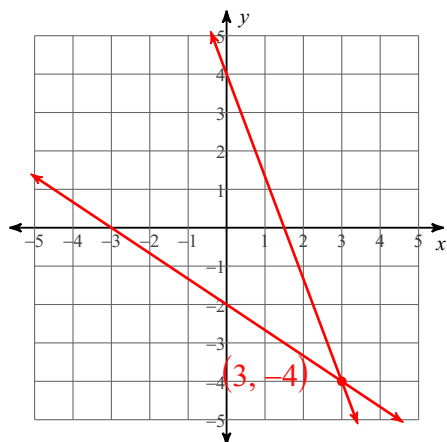
$$y = -\frac{1}{2}x + 2$$



$(-4, 4)$

$$7) y = -\frac{2}{3}x - 2$$

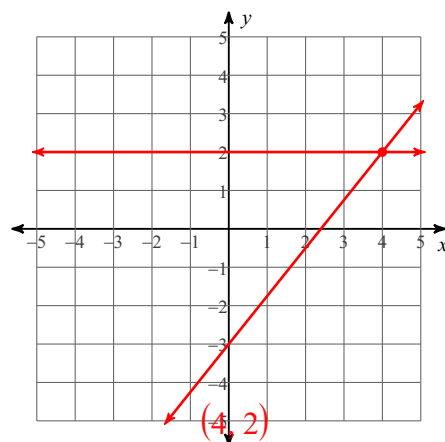
$$y = -\frac{8}{3}x + 4$$



$(3, -4)$

$$6) y = \frac{5}{4}x - 3$$

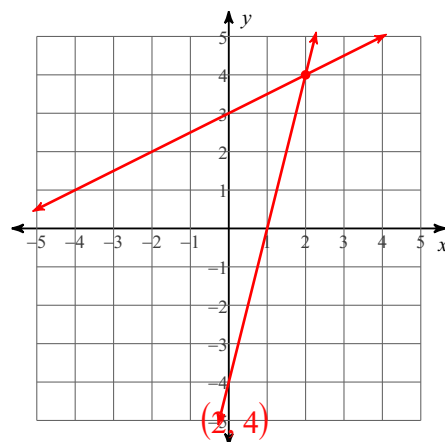
$$y = 2$$



$(4, 2)$

$$8) y = \frac{1}{2}x + 3$$

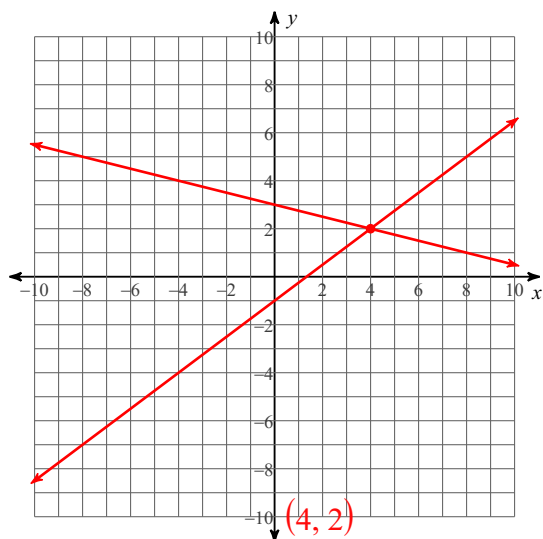
$$y = 4x - 4$$



$(2, 4)$

$$9) 0 = 1 - \frac{1}{12}x - \frac{1}{3}y$$

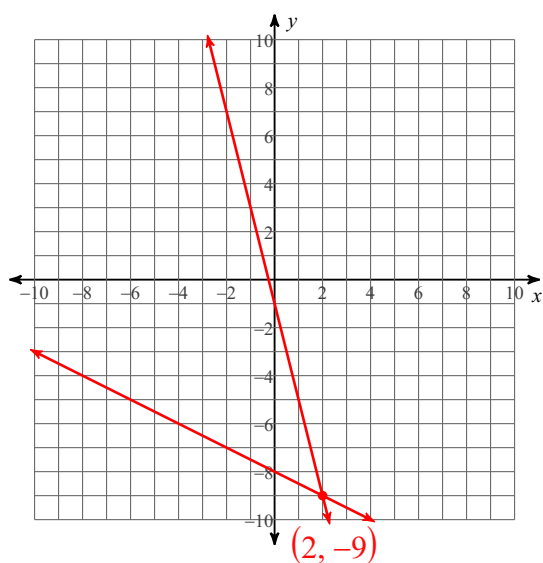
$$-4y - 4 + 3x = 0$$



(4, 2)

$$11) -y = 4x + 1$$

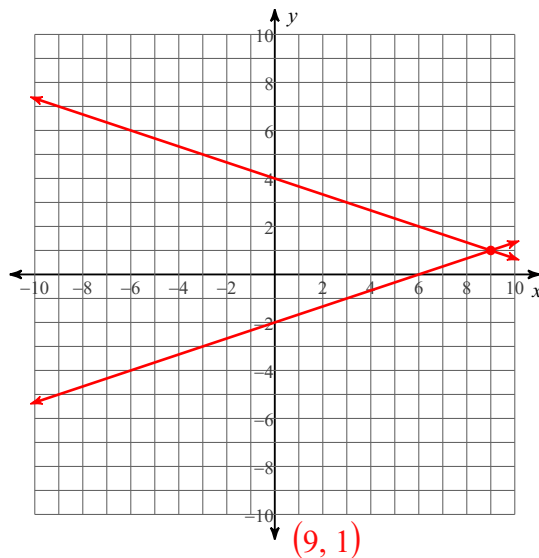
$$0 = -2y - 16 - x$$



(2, -9)

$$10) 0 = 3y - x + 6$$

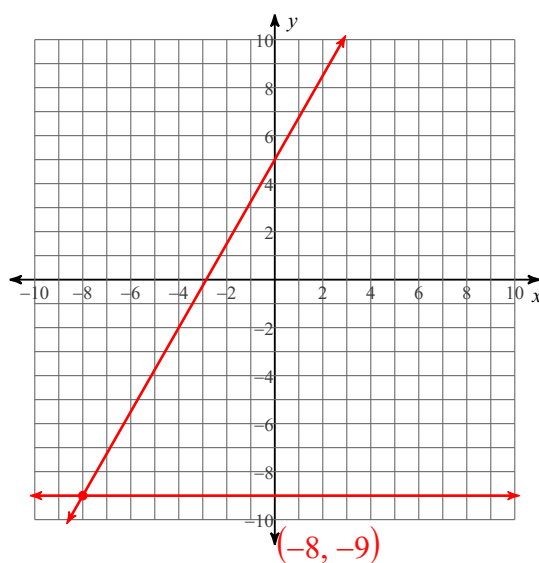
$$0 = -3y - x + 12$$



(9, 1)

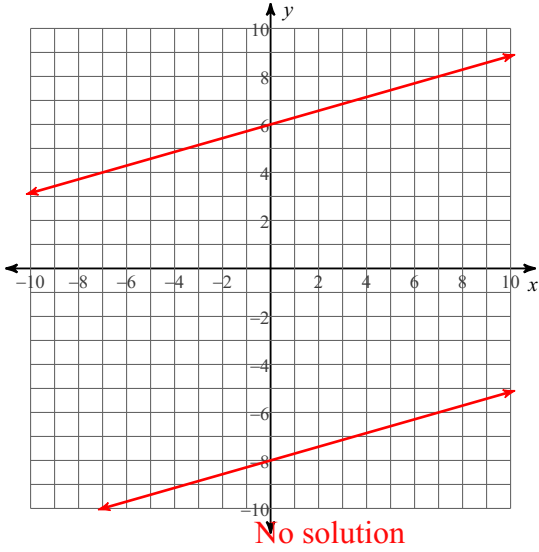
$$12) -4y = -7x - 20$$

$$-y - 9 = 0$$

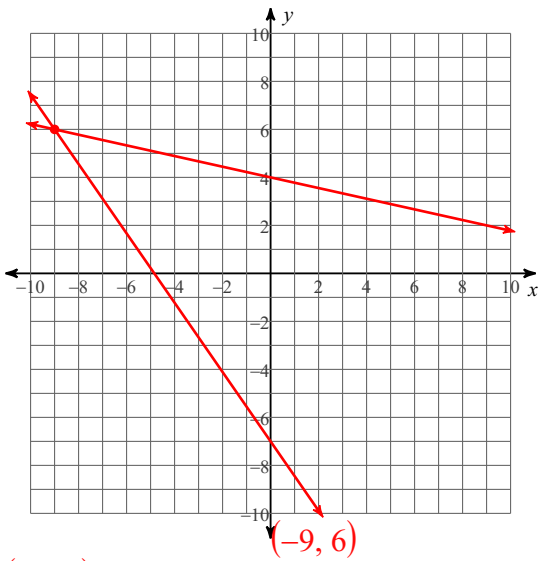


(-8, -9)

13) $2x - 7y = -42$
 $2x - 7y = 56$

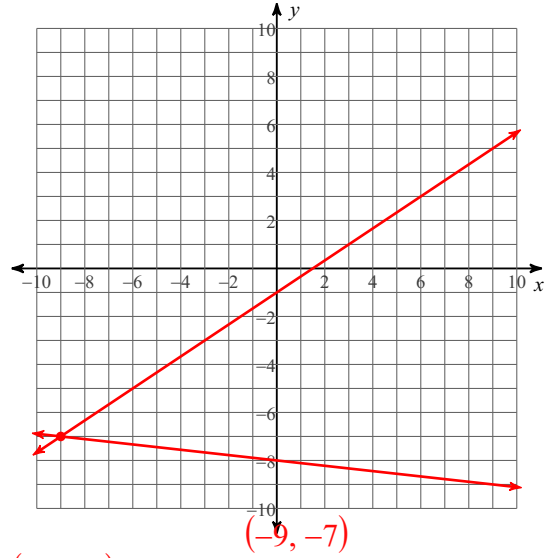


No solution
 15) $13x + 9y = -63$
 $2x + 9y = 36$

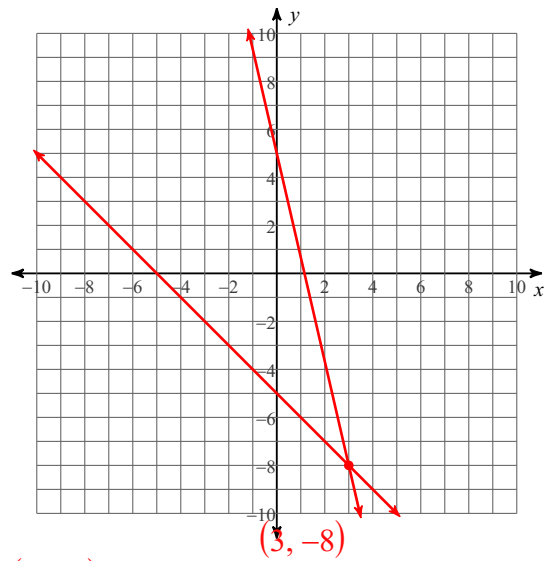


(-9, 6)

14) $2x - 3y = 3$
 $x + 9y = -72$



(-9, -7)
 16) $x + y = -5$
 $13x + 3y = 15$



(3, -8)