

Review: Graphing Linear Equations - Intercepts

Find the x- & y-intercept of the graph of the equation.

1) $5x - 6y = 30$ 2) $4x = 8y - 2$ 3) $y = 5x - 8$

Graph each linear equation using x- & y-intercepts.

4) $2x + 3y = 6$

5) $5x - 2y = 10$

6) $y = 2x - 4$

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

* be sure to label the intercepts

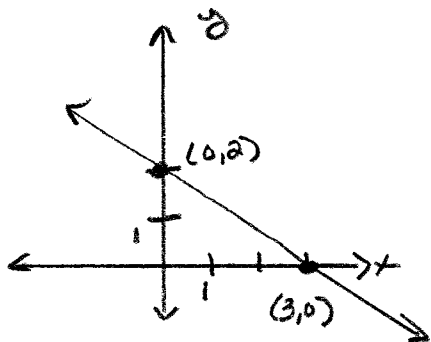
Answers:

1) $x: (6, 0)$
 $y: (0, -5)$

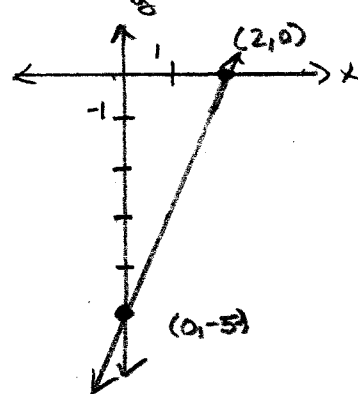
2) $x: (-\frac{1}{2}, 0)$
 $y: (0, \frac{1}{4})$

3) $x: (\frac{8}{5}, 0)$
 $y: (0, -8)$

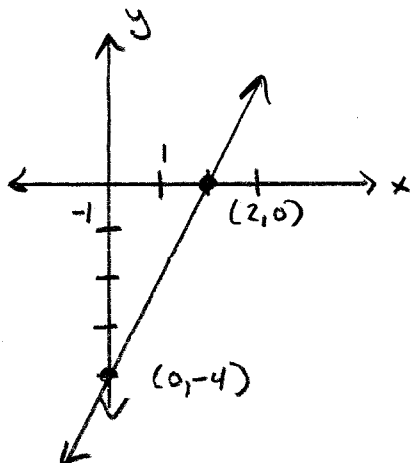
4) $x: (3, 0)$
 $y: (0, 2)$



5) $x: (2, 0)$
 $y: (0, -5)$



6) $x: (2, 0)$
 $y: (0, -4)$



7) $x: (2, 0)$
 $y: (0, 3)$

