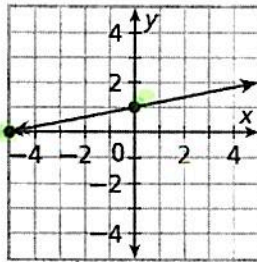


1. The ordered pair for an x-intercept is  $(X, 0)$  and the ordered pair for a y-intercept is  $(0, Y)$ .

For #'s 2 - 4, identify the y-intercept and x-intercept of each graph.

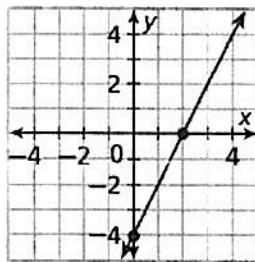
2.



x-int:  $(-5, 0)$

y-int:  $(0, 1)$

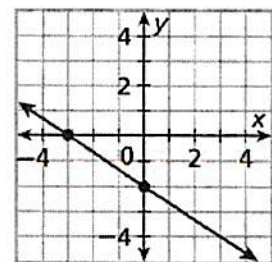
3.



x-int:  $(2, 0)$

y-int:  $(0, -4)$

4.



x-int:  $(-3, 0)$

y-int:  $(0, -2)$

Find the x and y-intercepts of each function and graph the corresponding line.

5.  $-4x + 8y = -16$

x-int:  $(x, 0)$

$$-4x + 8(0) = -16$$

$$-4x = -16$$

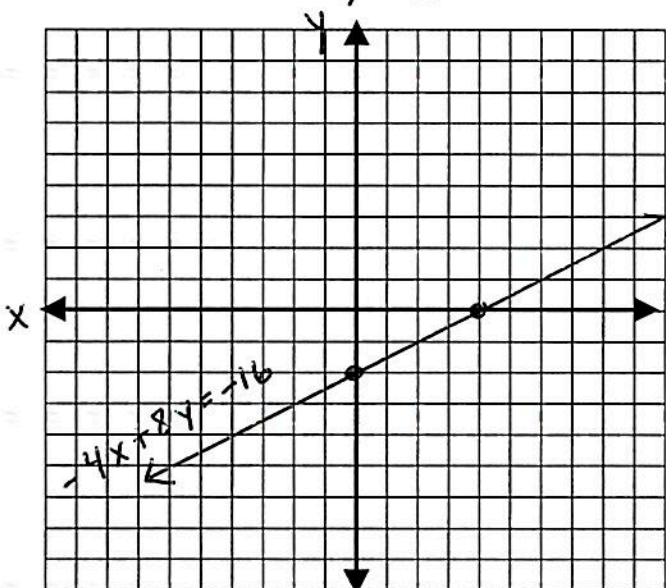
$$x = 4$$

y-int:  $(0, y)$

$$-4(0) + 8y = -16$$

$$8y = -16$$

$$y = -2$$



6.  $-2x - 4y = 20$

x-int:  $(x, 0)$

$$-2x - 4(0) = 20$$

$$-2x = 20$$

$$x = -10$$

y-int:  $(0, y)$

$$-2(0) - 4y = 20$$

$$-4y = 20$$

$$y = -5$$

