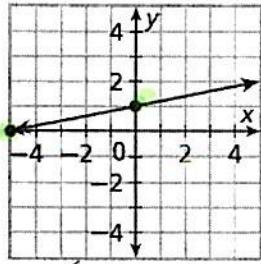


1. The ordered pair for an x-intercept is  $(X, \underline{0})$  and the ordered pair for a y-intercept is  $(\underline{0}, Y)$ .

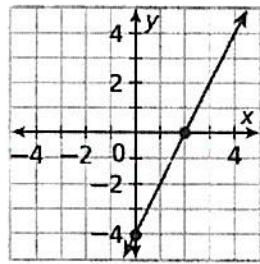
For #'s 2 – 4, identify the y-intercept and x-intercept of each graph.

2.



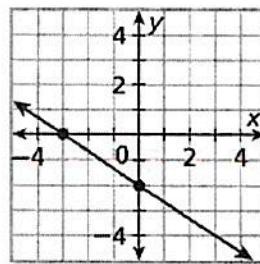
$$\begin{aligned}x\text{-int: } & (-5, 0) \\y\text{-int: } & (0, 1)\end{aligned}$$

3.



$$\begin{aligned}x\text{-int: } & (2, 0) \\y\text{-int: } & (0, -4)\end{aligned}$$

4.



$$\begin{aligned}x\text{-int: } & (-3, 0) \\y\text{-int: } & (0, -2)\end{aligned}$$

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

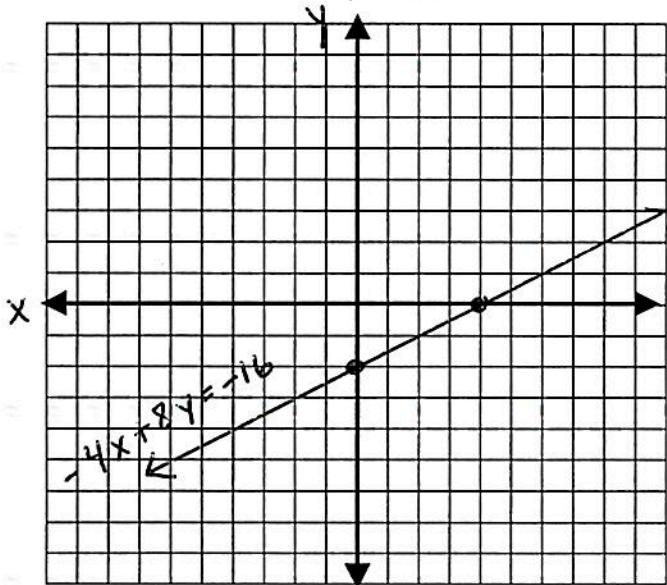
5.  $-4x + 8y = -16$

$$x\text{-int: } (x, 0)$$

$$\begin{aligned}-4x + 8(0) &= -16 \\-4x &= -16 \\x &= 4\end{aligned}$$

$$y\text{-int: } (0, y)$$

$$\begin{aligned}-4(0) + 8y &= -16 \\8y &= -16 \\y &= -2\end{aligned}$$



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

$$x\text{-int: } (x, 0)$$

$$\begin{aligned}-2x - 4(0) &= 20 \\-2x &= 20 \\x &= -10\end{aligned}$$

$$y\text{-int: } (0, y)$$

$$\begin{aligned}-2(0) - 4y &= 20 \\-4y &= 20 \\y &= -5\end{aligned}$$

