

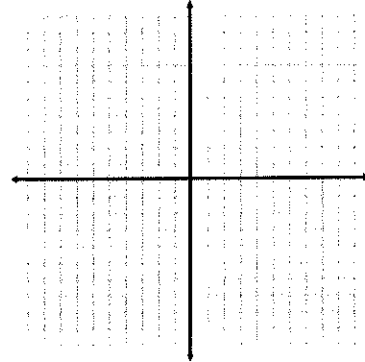
**Check Your Understanding**  
**Equations of Lines: x- and y-intercepts**

Answer these problems, then check your answers using the key on the next page.

#1) Find the x-intercept and y-intercept, and graph the line using these intercepts:  $4x - 2y + 5 = 0$

x-intercept

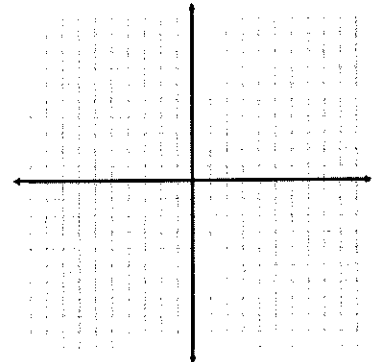
y-intercept



#2) Find the x-intercept and y-intercept, and graph the line using these intercepts:  $x = -7$

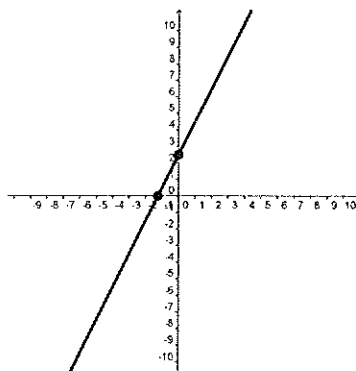
x-intercept

y-intercept



Answers:

#1)  $x$ -intercept:  $\left(-\frac{5}{4}, 0\right)$   $y$ -intercept:  $\left(0, \frac{5}{2}\right)$



#2)  $x$ -intercept:  $(-7, 0)$ , No  $y$ -intercept

