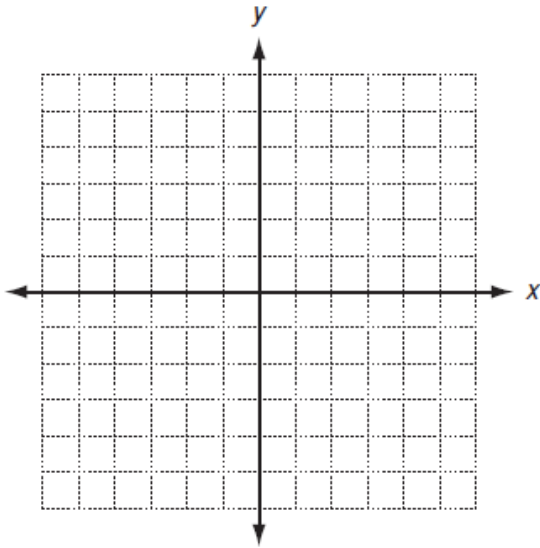


1. Find 4 points on the graph in the form (x,y):

$$y = 3 - 2x$$

(     ,     )     (     ,     )     (     ,     )     (     ,     )



**Hint:**

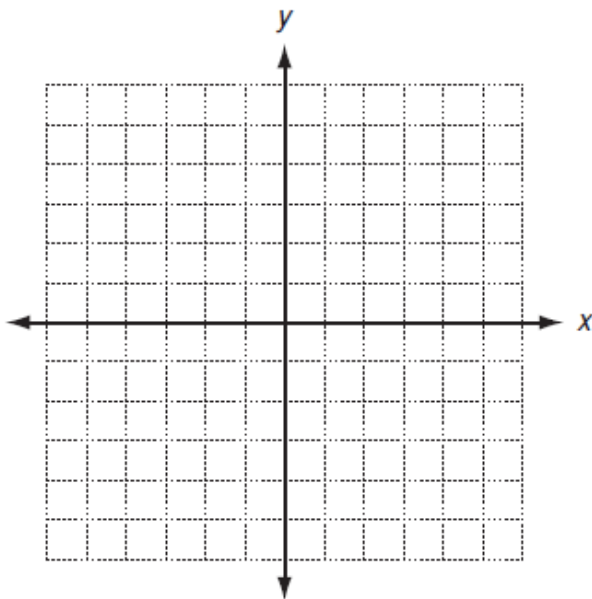
**step 1:** draw a table and label it x, y

**step 2:** pick 4 arbitrary x values, then find the corresponding y values.

x	y

2. Graph (no calculators should be used to graph this):

$$y = (x - 3)(x + 7)$$



**Hint:**

**step 1:** find the values that make  $y = 0$

**step 2:** what value makes  $x - 3 = 0$ ?

**step 3:** what value makes  $x + 7 = 0$ ?

**step 4:** find the value of y when  $x = 0$ , that represents the y-intercept.

**step 5:** find the line of symmetry and plug that x value in to find the y value and that represents the vertex.