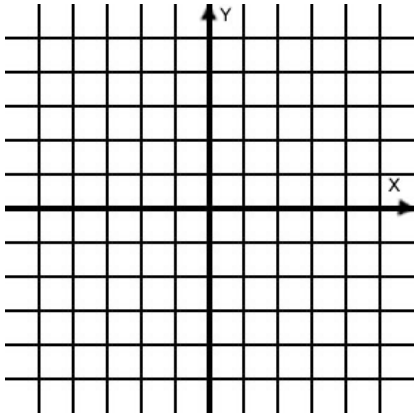


## Using Points and Slope to Graph Lines

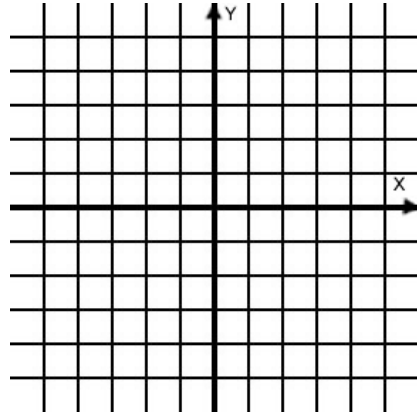
Using the process for finding another point on a line given one point and the slope, graph the following.

Graph the line containing the point (3, -2) and  $m = -2$

Think of this as  $m = -\frac{2}{1}$  or  $\frac{-2}{1}$

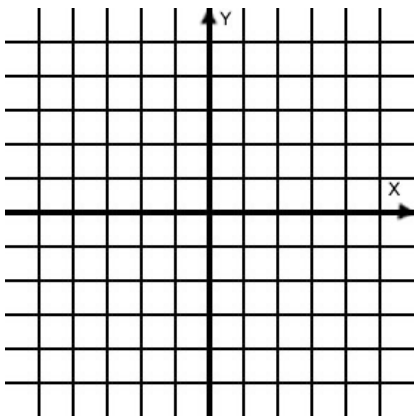


Graph the line containing the point (3,0) and  $m = \text{undefined}$



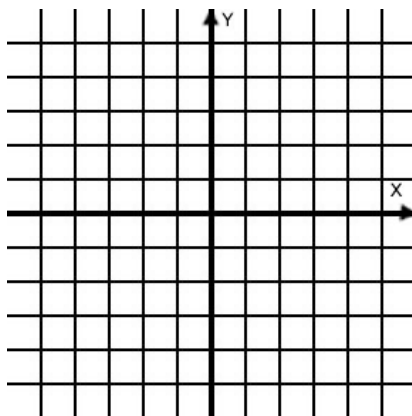
Try:

Graph the line containing the point (0,-2) and  $m = 2$



Graph the line containing the point (1,3) and

$$m = \frac{1}{4}$$



Graph the line containing the point (-3, 2) and  $m = 0$  (Horizontal line)

