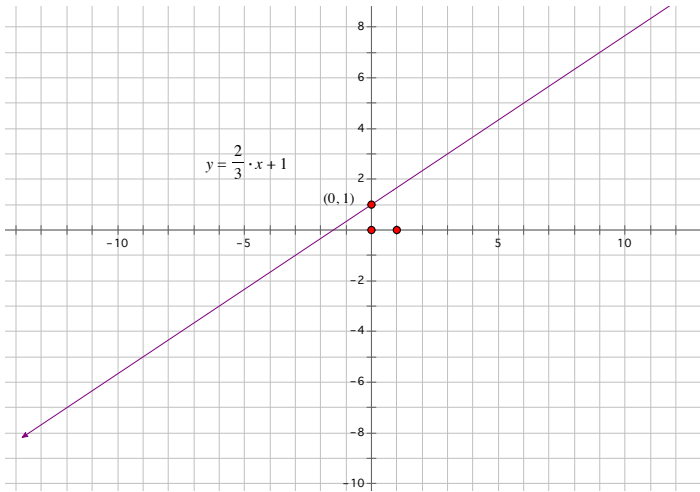
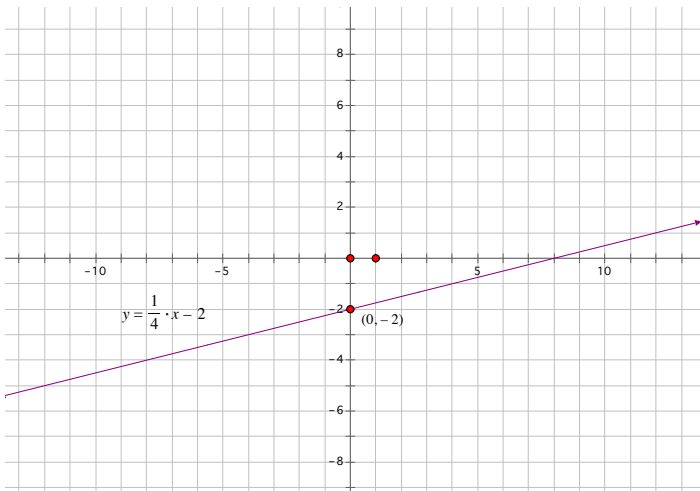


## Graphs - Patterns



$$y = 2x/3 + 1$$



$$y = \frac{1}{4} x - 2$$

## Graphing: *Slope Intercept Form of a Lines*

$$y = mx + b$$

1. Plot the y-intercept, **b** (occurs when  $x = 0$ )
2. From **b**, use  $m$  to find the second point
3. Draw a line through the 2 points

Graph by Inspection:

$$y = 3x + 2$$

$$y = \frac{2}{3}x - 1$$

$$y = -\frac{1}{5}x + 2$$