

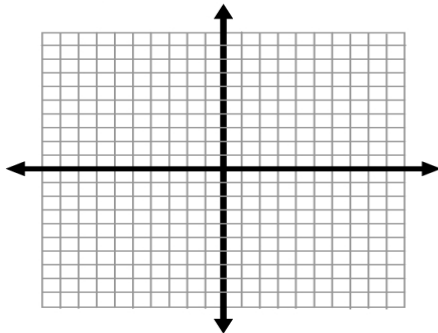
Worksheet 2-2-1 ~ Graph $y=mx+b$ (Slope-Intercept Form)

Note: to graph an equation in $y = mx + b$ form, remember that:

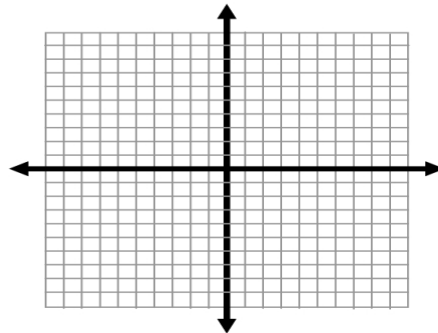
- $m = \text{slope} = \frac{\text{rise}}{\text{run}} = \frac{\Delta y}{\Delta x}$
- $b = \text{y-intercept} = (0, b)$

Simplify and graph the following equations (Label your Points!):

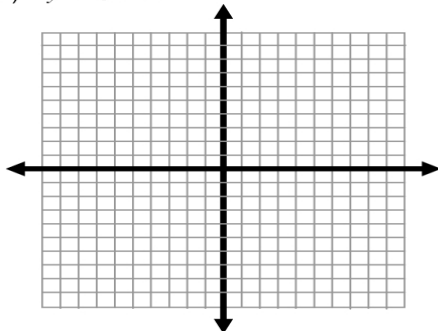
1) $y = -\frac{2}{3}x - 7$



2) $y = \frac{3}{4}x + 5$



3) $y = -3x - 6$



4) $y + 2x = 5$

