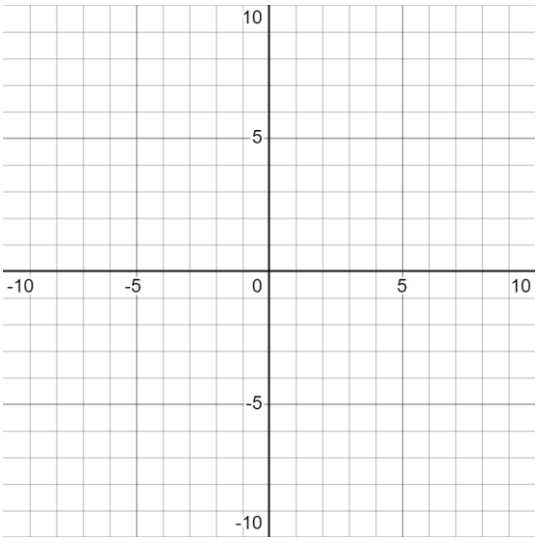
Section 7.1 Part 1 – Practice Refresher

Place the following points on the grid provided.

a) $(3, -5)$	b) $(-2, 1)$	c) $(-4, -8)$
d) $(4, 9)$	e) $(0, 7)$	f) $(7, 0)$

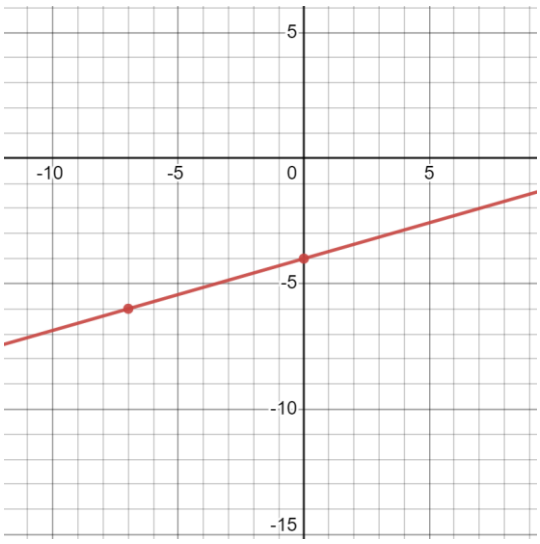


Use the Slope Equation to determine the Slope of the line connecting the following sets of points.

$$y = \frac{y_2 - y_1}{x_2 - x_1}$$

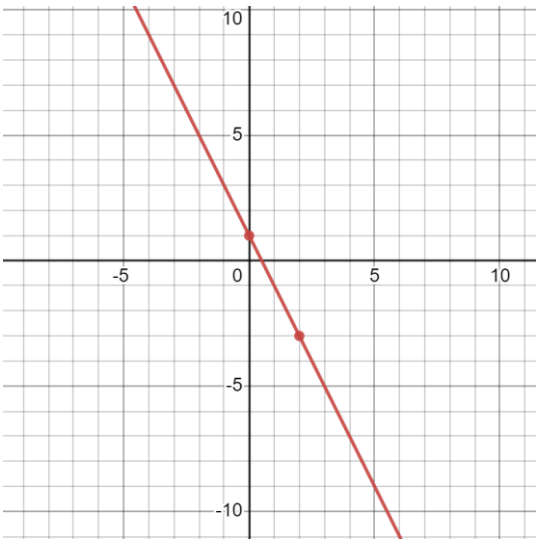
a) $(2, 3)$ and $(-5, 7)$	b) $(1, 6)$ and $(-2, 5)$	c) $(4, 0)$ and $(4, -2)$
d) $(-3, -7)$ and $(6, 11)$	e) $(2, 5)$ and $(3, 6)$	f) $(6, 5)$ and $(-2, 5)$

Determine (Map) the slopes, and the y-intercepts of the following graphs (Draw and Count)



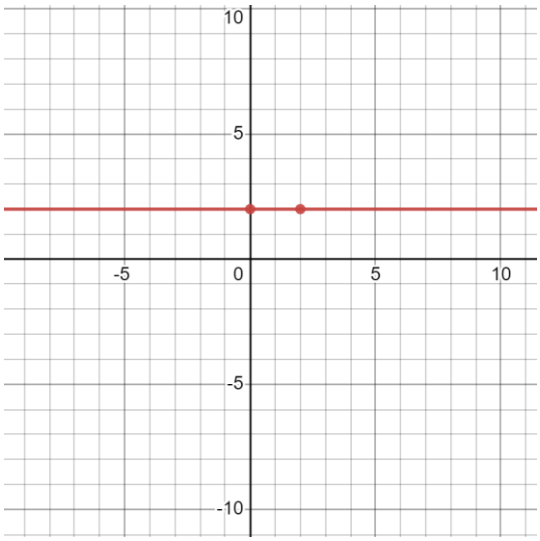
Slope is:

y-intercept:



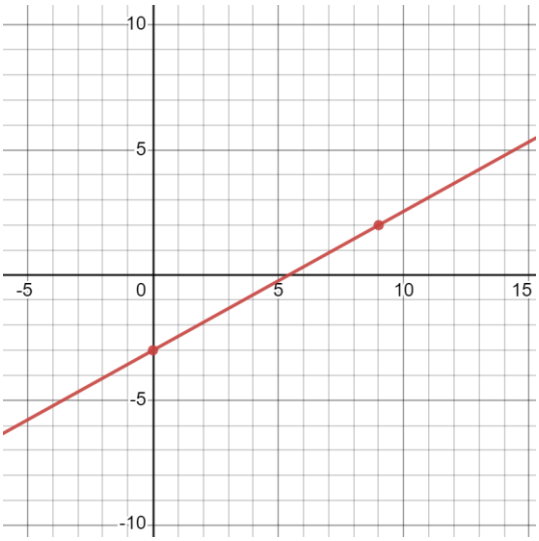
Slope is:

y-intercept:



Slope is:

y-intercept:



Slope is:

y-intercept:

Are the following points solutions to the given equations? (Are the Points on the Line?) Prove it. No Graphing.

a) $y = -\frac{2}{5}x - 2$; $(5, 4)$
b) $y = \frac{2}{3}x + 1$; $(6, 5)$
c) $y = -\frac{5}{7}x + 4$; $(-7, 1)$
d) $y = \frac{3}{2}x - \frac{1}{2}$; $(5, 7)$
e) $y = -x + 2$; $(-4, 2)$

Find three points, other than the y-intercept, that exist on the given lines.

a) $y = 2x - 5$
b) $y = -\frac{4}{5}x - 2$

How would you rate your Level of Understanding on this information? Emerging, Proficient, Extending?

What strategies will you implement to help you improve?