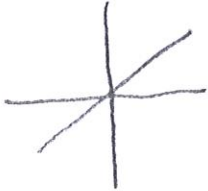





Pre-Algebra Test Review

Slope

(A) Draw the four types of slope:

Positive 	Negative 
zero 	Undefined 

(B) Calculate slope

Write the formula for finding slope between 2 points

$$\frac{y_{\text{start}} - y_{\text{end}}}{x_{\text{start}} - x_{\text{end}}}$$

$$\frac{\text{Rise}}{\text{Run}}$$

Find slope.

$$S^{\circ} \begin{matrix} x & y \\ (10, 6) \end{matrix} \quad E^{\circ} \begin{matrix} x & y \\ (4, 2) \end{matrix}$$

$$\frac{6-2}{10-4} = \frac{4}{6} = \left(\frac{2}{3}\right)$$

$$S^{\circ} \begin{matrix} x & y \\ (5, 2) \end{matrix} \quad E^{\circ} \begin{matrix} x & y \\ (3, 0) \end{matrix}$$

$$\frac{2-0}{5-3} = \frac{2}{2} = 1$$

$$S^{\circ} \begin{matrix} x, y \\ (7, 4) \end{matrix} \quad E^{\circ} \begin{matrix} x, y \\ (8, 3) \end{matrix}$$

$$\frac{4-3}{7-8} = \frac{1}{-1} = -1$$

$$S: (-4, -2) \quad E: (2, 3)$$

$$\frac{-2 - 3}{-4 - 2} = \frac{-5}{-6} = \frac{5}{6}$$

$$S: (-3, -4) \quad E: (-5, -2)$$

$$\frac{-4 - (-2)}{-3 - (-5)} = \frac{-2}{2} = -1$$

* Look at worksheet + answer key for "Week of Oct 13"
~~Mon~~ + Tues + Weds + Thursday

Identify if the following relationships are proportional:

