Day One: Reviewing Linear Functions and Slopes

All about linear functions:

The graph of a linear function forms a _____.
The quantity (#) describing the rate of change of the function is called _____.
The point where the function crosses the vertical axis is called the _____.

Slope-Intercept Form of a linear function is: _____.
Standard Form of a linear function is: _____.

When reading the graph, you always read from _____ to _____.

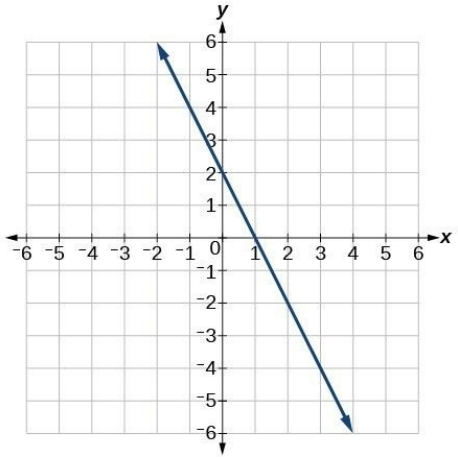
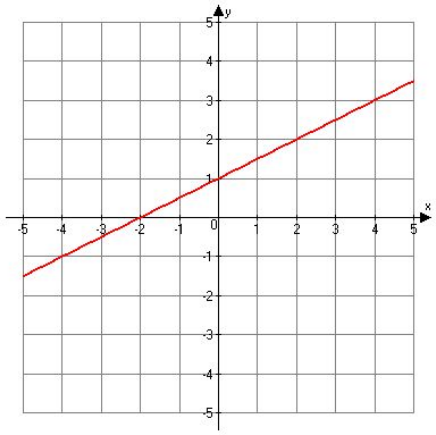
If the line goes up, the y-values are _____ and the slope is _____.
If the line goes down, the y-value are _____ and the slope is _____.
If the line is vertical, the slope is _____.
If the line is horizontal, the slope is _____.

Determining the slope of a line:

a) Find the slope of the line that goes through the points (2, 3) and (-2, -1).

b) Find the slope of the line that goes through the point (-1, 2) and (5, -8).

c) Find the slope of the line below.



d) Find the slope of the line below.