Math 128
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<div align="center">Chapter 6 Vocabulary</div>

Linear: Able to be represented by a straight line on a graph; involving or exhibiting directly proportional change in two related quantities.

synonyms: straight, direct, undeviating

Horizontal (x-intercept): parallel to the plane of the horizon; at right angles to the vertical.

synonyms: level, flat, plane

Vertical (y-intercept): at right angles to a horizontal plane; in a direction, or having an alignment, such that the top is directly above the bottom.
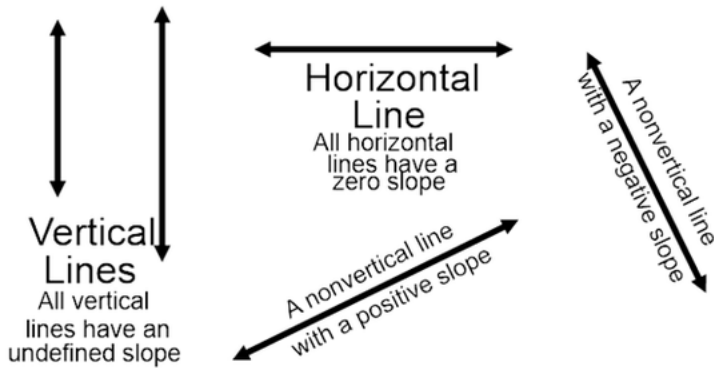
synonyms: upright, erect, perpendicular, plumb, straight up and down, on
end, standing, upstanding, bolt upright

Slope: a difference in level or sideways position between the two ends or sides of a thing.

synonyms: gradient, incline, angle, slant, inclination, pitch, decline, ascent, declivity, rise, fall,
tilt, tip, downslope, upslope, grade, downgrade, upgrade

Positive Slope: A positive slope moves upward on a graph from left to right.

Negative Slope: A negative slope moves downward on a graph from left to right.

Vertical Lines
All vertical lines have an undefined slope

Horizontal Line
All horizontal lines have a zero slope

A nonvertical line with a positive slope

A nonvertical line with a negative slope

Zero Slope: A zero slope is just the slope of a horizontal line! The y-coordinate never changes no matter what the x-coordinate is! In this tutorial.

Undefined Slope (No Slope): is the slope of a vertical line! The x-coordinate never changes no matter what the y-coordinate is.

Exponential: (of an increase) becoming more and more rapid.

Credits: