Chapter 6 Vocabulary

**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.
**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.
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