Vocabulary: Elevator Operator



**Vocabulary**

* Coordinates – a set of numbers that describe where a point is located.
	+ Coordinates are written as an *ordered pair*, such as (2, 3).
	+ The first number in the ordered pair gives the position along the horizontal axis of the graph.
	+ The second number in the ordered pair gives the position along the vertical axis.
* Horizontal axis – a number line in a graph going from left to right.
	+ The horizontal axis is also called the *x*-axis.
	+ On a line graph, the horizontal axis usually represents time.
* Line graph – a graph using points connected by line segments.
	+ A line graph usually shows how a value changes over time.
* Slope – a measure of the steepness of a line.
	+ The greater the slope, the steeper the line.
	+ The slope tells you how the value graphed on the vertical axis changes.
		- A *positive slope* ( ) shows that the value increases.
		- A *negative slope* ( ) shows that the value decreases.
		- A *zero slope* ( ) shows that the value does not change.
	+ You can calculate the slope between two points by dividing the vertical *rise* by the horizontal *run*.
* Vertical axis – a number line in a graph going up and down.
	+ The vertical axis is also called the *y*-axis.
	+ On a line graph, the vertical axis usually represents a value that changes over time.