Vocabulary: Elevator Operator

dictionary2

**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.
    - Elevator_Voc1A *positive slope* ( ) shows that the value increases.
    - Elevator_Voc2A *negative slope* ( ) shows that the value decreases.
    - Elevator_Voc3A *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.