

## 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.