

## Definitions for Discrete and Continuous:

In order to best understand these words, we should be familiar with others. When a person graphs information, two axes are usually used. The horizontal one, often represented by “ $x$ ” is called the Domain. The vertical axis, often represented by “ $y$ ” is called the Range.

The “stuff” that you are measuring on each axis is either continuous or discrete.

It is discrete if you can count it...and there can't be any “in between” values... for example, “number of people” is discrete, because you can't have 2.37 people.

It is continuous if there CAN be “in between” values... for example, “amount of rainfall” is continuous, because you can measure 8.5 mL or 8.6 mL or even in between that, there is 8.527 and so on. There are actually an infinite number of “in-between” values. WOWZA!