

Chapter 9

Interval - the fixed distance between two consecutive numbers on a scale.

Scale - a series of numbers placed at fixed distances on the graph

Line graph - a graph that uses line segments to show the results of the data

coordinate plane - is two number lines that includes both positive and negative numbers. the two number lines are called axes.

Quadrants - the coordinate plane is divided into 4 quadrants.

x - axis - is the horizontal line and the y - axis is the vertical line.

Origin - the point at which the x and y axis intersect. It's location is 0.

Ordered pair- the two numbers, written in parenthesis, used to plot a point on the coordinate plane. (x,y)

Coordinates - the numbers in the ordered pair.

Linear equation - an equation whose graph is a straight line.

Ex.

Table of values - a table used to show how x and y are related.