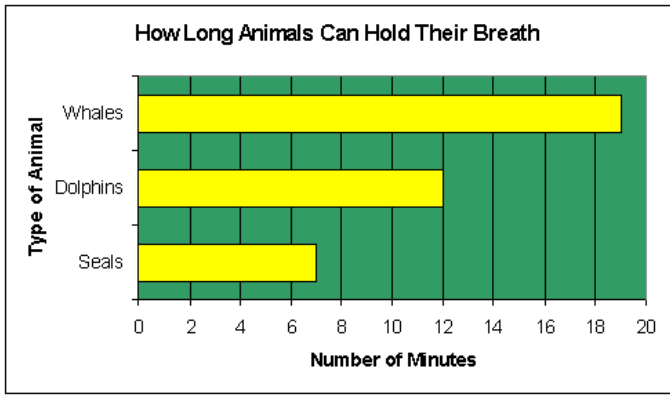


Unit 1 Math Notes

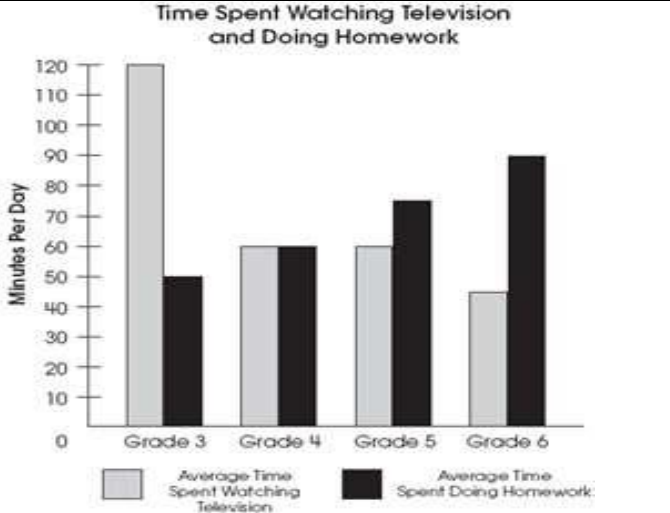
Bar Graph:

uses rectangular bars to show data. The bars can be vertical or horizontal.



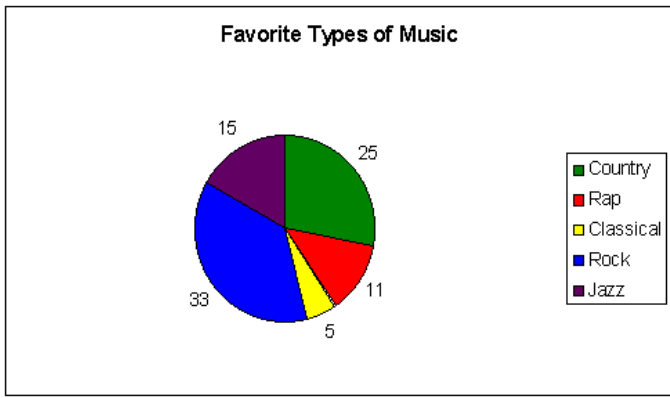
Double Bar Graph:

data are compared by means of pairs of rectangular bars drawn next to each other



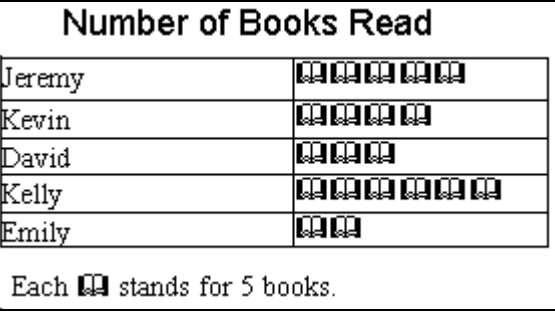
Circle Graph:

shaped like a circle. It is divided into fractions that look like pieces of pie, so sometimes a circle graph is called a pie graph. Many times the fractional parts are different colors and a key explains the colors. Used to show parts of a whole... displayed in percents.



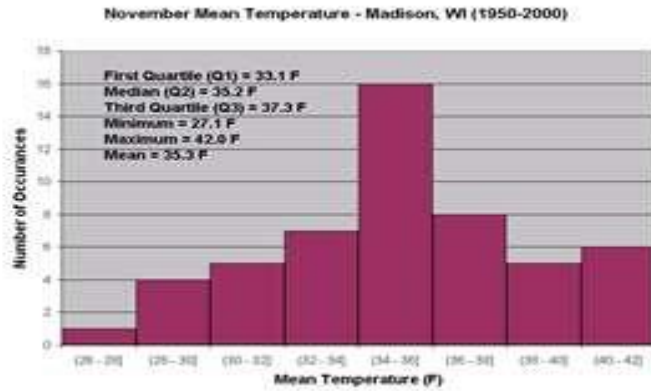
Pictograph:

uses pictures or symbols to represent data. A key is necessary to understand the symbols.



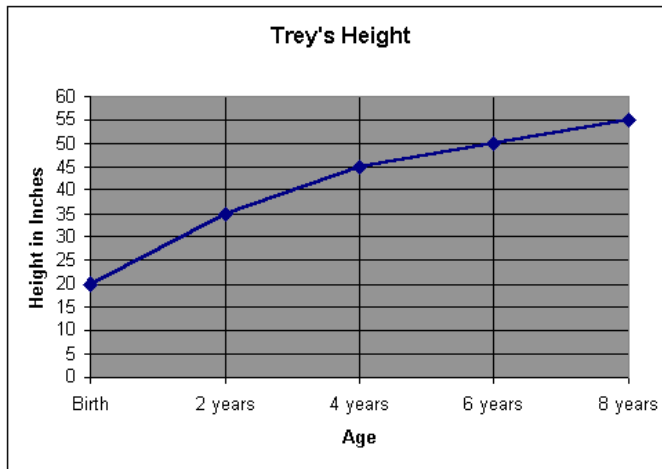
Histogram:

special kind of bar graph. The data must be shown as numbers in order. Bars are used to display how frequently data occurs within equal intervals.



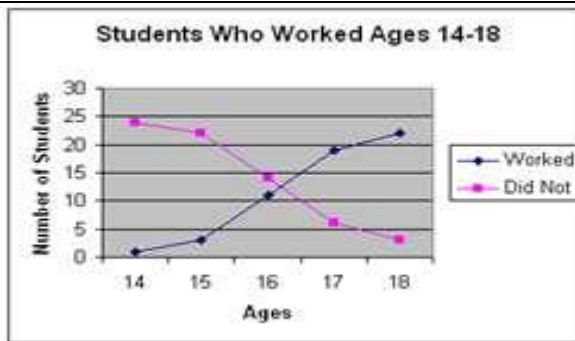
Line Graph:

shows points plotted on a graph. The points are then connected to form a line. Used to show changes in data over time.



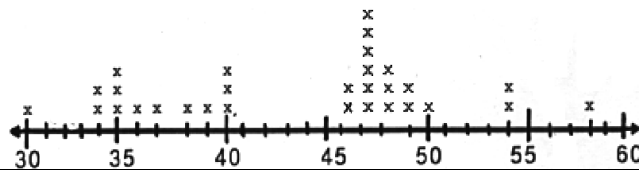
Double Line Graph:

Used to compare two or more sets of data over time



Line Plot:

Diagram that organizes data using a number line



Frequency	in surveys, the number of times a response is chosen
Frequency Table	table used to record the number of times a response is chosen
Survey	method of collecting information about a group of people
Data	set of numbers or pieces of information
Data set	collection of numbers or pieces of information
X-Axis	horizontal axis, runs east to west
Y-Axis	vertical axis, runs north to south
Cluster	group of data points that are close to each other
Gap	a large space between data points in a data display
Mode	"most often"...number or numbers that occur most often in a set of data

Median	"middle"...the middle number when the data is arrange in order
Range	difference between the greatest number and least number in a set of data
Mean	"average"...number found by dividing the sum of the numbers in a group by the number of addends....add, then divide
Addend	numbers you add together in an addition problem
Sum	answer to an addition problem
Difference	answer in a subtraction problem
Factors	numbers you multiply together in a multiplication problem
Product	answer to a multiplication problem
Dividend	number that is divided in a division problem
Divisor	number by which a number is being divided
Quotient	answer to a division problem