

Chapter 11 Vocabulary

Average	The sum of two or more quantities divided by the number of quantities; the mean
First Quartile	For a data set with median M , the first quartile is the median of the data values less than M
Interquartile Range	A measure of variation in a set of numerical data, the interquartile range is the distance between the first and third quartiles of the data set
Mean	The sum of the numbers in a set of data divided by the number of pieces of data
Mean Absolute Deviation	A measure of variation in a set of numerical data, computed by adding the distances between each data value and the mean, then dividing by the number of data values
Measure of Center	Numbers that are used to describe the center of a set of data. These measures include the mean, median, and mode.
Measures of Variation	A measure used to describe the distribution of data
Median	The middle number in a set of data that is ordered from least to greatest. If there is an even number of items in the data set, the median is the average of the two middle numbers

Chapter 12

Box Plots	A diagram that is constructed using five values
Cluster	Data that are grouped closely together
Distribution	The arrangement of data values
Dot Plot	A diagram that shows the frequency of data on a number line, also known as a line plot.
Frequency Distribution	How many pieces of data are in each interval
Gap	An empty space or interval in a set of data
Histogram	A type of bar graph used to display numerical data that have been organized into equal intervals
Line Graph	A graph used to show how a set of data changes over a period of time
Line Plot	A diagram that shows the frequency of data on a number line, also known as a dot plot
Peak	The most frequently occurring values in a line plot