Worksheet 6: Understanding data analysis answers

Data analysis	Description
Mean	Measure of central tendency found by adding the values of all scores then dividing by the number of scores in a data set.
Median	Measure of central tendency found by identifying the middle score in a set of data when placed in numerical order.
Mode	Measure of central tendency found by identifying the most frequently occurring number in a data set.
Range	Measure of spread found but subtracting the lowest score in a data set from the highest score plus one.
Standard Deviation	Measure of spread found by calculating the average difference between each score in the data set and the mean.
Bar Chart	A graph used to show discrete categories of data which is plotted with bars set apart.
Histogram	A graph used to show continuous data; the distribution of a set of scores which is plotted with bars adjoined.
Scatter graph	Measure of central tendency found by adding the values of all scores then dividing by the number of scores in a data set.