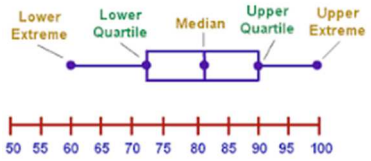
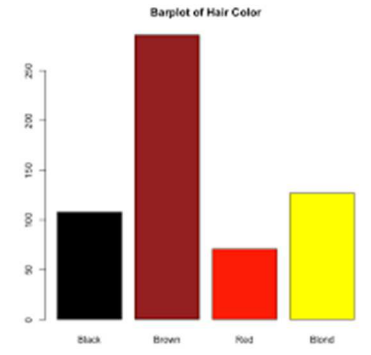
Hinojosa 6th. Math Vocabulary Words

Unit 6		
Word	**Definition**	**Picture**
Average	The sum of the items in a set of data divided by the number of items in the set; also called mean.	Data set: 4, 6, 7, 8, 10 Average: 4 + 6 + 7 + 8 +10 /5 = 35/5 = 7
Box Plot	A graph that shows how data are distributed by using the median, quartiles, least value, and greatest value; also called a box-and whisker plot.	
Categorical Data	Data that consists of non numeric information.	
Data	Facts and statistics collected together for reference or analysis.	

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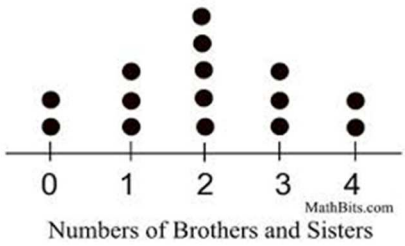
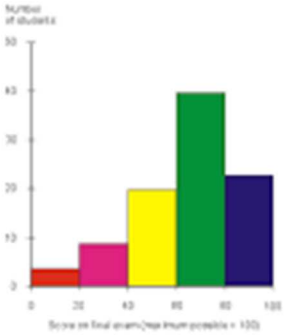
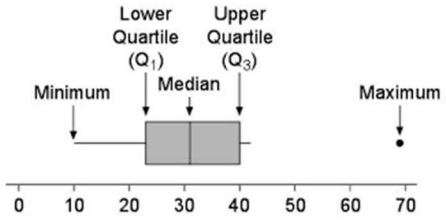
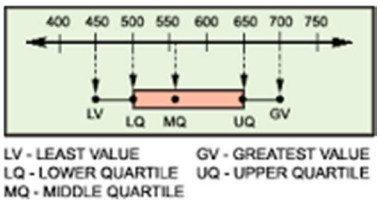
Dot Plot	A visual display in which each piece of data is represented by a dot above a number line.	
Histogram	A bar graph that shows the frequency of data within equal intervals.	
Interquartile Range	(IQR) The difference of the third (upper) and first (lower) quartiles in a data set, representing the middle half of the data.	
Lower Quartile	Is the median of the lower half of a set of data.	

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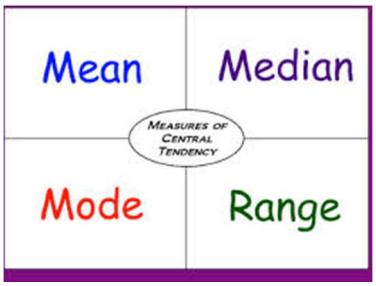
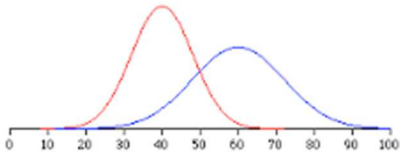
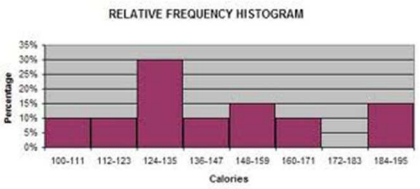
Measure of Center	A measure used to describe the middle of a data set. Also called measure of central tendency	
Measure of Spread	A measure that describes how far apart the data are distributed.	
Relative Frequency	The ratio of the number of times an event or data value occurs and the total number of events or data values.	
Statistical Question	A question that has many different, or variable, answers.	

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Survey	To gather information by individual samples so as to learn about the whole thing.	