

Measures of Central Tendency Group Assignment

Show work legibly on separate piece of paper. You do not have to rewrite the question.

1. The 25 fastest land animals are listed at <http://list25.com/25-fastest-land-animals/>
Find the mean, median, and mode of the top 10 fastest land animals.

2. Research a data set with a minimum of 10 data values.
 - a) Describe the data set and provide the link.
 - b) Find the mean, median, and mode of your data set.

2. Find the mean, median, and mode using the data in the frequency tables.

Mark	Tally	Frequency
4		2
5		2
6		4
7	 	5
8		4
9		2
10		1

Number of Cups of Coffee	Tally	Frequency
0 - 3		2
4 - 7	///	3
8 - 11	/// ///	8
12 - 15	///	3
16 - 19		2

3. Define/describe an outlier for a data set. Give an example of a data set with 10 numbers including two outliers.
4. Denise has four exams in her history class. The scores on her first three exams were 73, 85, and 62. If she wants to guarantee an average of 70 on her exams what must she get on her fourth exam?
5. Make up three data sets with 5 numbers each that have:
 - a) The same mean but different medians. State the mean and medians for each data set.
 - b) The same median but different means. State the median and means for each data set.