The following data set contains the top speeds, in miles per hour, of some high-performance sport cars. Use this data set to answer the following questions.

217, 205, 214, 210, 215, 215, 217, 208, 217, 217, 212, 214, 212, 214, 201, 198, 195, 189, 201, 188

3) Make a dot plot of the given data. Be sure to give an appropriate title and label your axis!

4) Use your dot plot to describe the shape of the distribution of the data set.

5) Construct a stem & leaf plot of the data. Be sure to include an appropriate title and a key!

6) Find the five number summary & the interquartile range of the data set.

Min =   Q1 =   Median =   Q3 =   Max =   IQR =

7) Use your five number summary to construct a box plot of the data set. Be sure to give an appropriate title and label your axis!

8) Find the mean, median, mode and range of the data set.

Mean =   Median =   Mode =   Range =