AP Statistics 2018-19 Summer Assignment

This assignment is due the 1st day of class and students are expected to be able to discuss the content.

PART 1:

The following QR code will take you to a Ted Talk. Please watch and write a paragraph summarizing the talk.   In your summary make sure you think about what the purpose of the "talk" is and not just give me back what the person said. Look at the big picture and the message being delivered. A question will appear on the first chapter test.

Mona Chalabi:

"3 ways to spot a bad
    statistic"

https://www.ted.com/talks/mona_chalabi_3_ways_to_spot_a_bad_statistic

PART 2: (a calculator is not necessary for this part.)

Kahn Academy has some excellent videos if you have forgotten how to do this.

The following data set represents a set of test scores from one of Mrs. Carsons' CP Geometry Classes.   (You must show all work to receive credit.)

96, 70, 69, 94, 100, 82, 87, 66, 63, 59, 78, 60, 95, 15, 94, 92, 93

1. Find the mean, median and mode.

2. Find the 5-number summary and draw a box and whisker plot.
     Check for outliers. Modify the boxplot if necessary.

3. Draw a stem and leaf plot.