PART II

1. Your paper strip is divided into four parts with five numbers listed on each part. Using the attached box and whiskers plot model write the five numbers in the lower quartile of the strip in the left "whisker". Write the five numbers from the second quartile in the left "box" section. Repeat this process for the other two sections of the strip. You should have five numbers written in each whisker and box section.

2. Write the lowest number (7) in the first quartile in the first line at the bottom of the page (Min of Q1) and the highest number (14) on the second line at the bottom of the page (Max of Q1). Repeat this process across for the Min and Max of Q2, Q3, and Q4.

3. Fill in the values for the Minimum, First Quartile, Median, Third Quartile, and Maximum.

   A. The value for First Quartile is the mean of Max of Q1 and Min of Q2.

   B. The value for the Median is the mean of Max of Q2 and Min of Q3.

   C. The Third Quartile value is the mean of Max of Q3 and Min of Q4.

PART III

Now that you know how a box and whiskers if formed use the following set of data to build another one. You may use a paper graph strip to organize you numbers if you like.

20, 15, 45, 33, 19, 30, 31, 32, 31, 30, 27, 34, 50, 22, 29, 30, 16, 19