2. Use a paper strip to put the numbers in order for data Set 1. Remember, the number appears one time in the data set for each "X" stacked over it. After you have put the numbers in order, fold the paper to find the median, 1st quartile, and 3rd quartile. Construct a Box and Whiskers plot above the line plot. Repeat this process for data Sets 2-4. Compare the four box and whiskers plots to answer these questions.

A. Which box and whiskers plots have quartiles that seem equal?

B. Which box and whiskers plots have quartiles that are not even? What makes this true?

C. How does the median change from one box and whiskers plot to another?

D. Which box and whiskers plot has the greatest range? The least range?

E. Describe how the spread of the data would change in Set 1 if the value 72 were added.