Recall that you took samples of words from the population of words in the Gettysburg Address, for which the average length of a word is 4.295 letters. Questions #1-4 refer to this situation.

1. Is the number 4.295 a parameter or a statistic?

2. When you first selected your sample of 10 (circled) words, what was the variable? Was it categorical or quantitative?

3. What aspect of the first graph on the board indicated that the sampling method was biased?

4. Would selecting words by closing your eyes and pointing at the page 10 times produce an unbiased sampling method? Explain briefly.

5. In general, does taking a very large sample (say, of millions of people) produce an unbiased sampling method? Explain briefly.