

## Math 122

### Quantitative Data Sampling Exercise

Collect a sample of at least 31 pieces of quantitative data. Answer the questions below and email your responses to me.

1. What do your data values represent?
2. Describe how you collected the data.
3. Which of these methods of sampling is your procedure closest to?
  - a. Convenience Sampling
  - b. Systematic Sampling
  - c. Cluster Sampling
  - d. Stratified Sampling
  - e. None of the above
4. List your data values separated by commas.
5. Use a piece of technology to draw a histogram of your data. Which of these describe your data? (You may choose multiple descriptions.)
  - a. Symmetric
  - b. Skew Left
  - c. Skew Right
  - d. Approximately Normal
  - e. Approximately Uniform
  - f. No clear pattern
6. Calculate each of these for your data:
  - a. Mean
  - b. Median
  - c. Mode
  - d. Midrange
  - e. Range
  - f. Standard Deviation
  - g. Variance