

M9X & M9Y - Advanced Placement Statistics - Chapter 3

Displaying Numerical Data: Frequency Distributions and Histograms

September 30, 2019

Dear Students,

Please carefully study section §3.3 of your textbook. You should fully understand when is appropriate to use and how to construct each of the following types of graphs:

- *Histogram for Discrete Numerical Data*
- *Frequency Distributions and Histograms for Continuous Numerical Data*
- constructing a histogram using *Density* when necessary
- *Shapes of distributions: unimodal, bimodal, multimodal, symmetric, positively skewed, negatively skewed*
- *Cumulative Relative Frequencies and Cumulative Relative Frequency Plots*

Once you finish studying, proceed by answering problems: 3.28, 3.30, and 3.32

Your work should be uploaded electronically and not turned in by email or on paper.

Mr. Demopoulos & Ms. Erayil