

Read about histograms, sample mean and sample variance in Chapter 1.

Read Sections 2.1, 2.2, and 2.3 in Chapter 2 of *Probability and Statistics* by Devore.

Do the following problems in *Probability and Statistics* by Devore.

Chapter 1: 18, 22, 42, 48, and 76.

Chapter 2: 4, 6, 12, 32, and 38.

Download from www.haverford.edu/math/lbutler/116home/116home.html the experiments for Assignment 1 (lab01.nb). Open the notebook in *Mathematica* and work through the four simple experiments at the end of the notebook. Record your answer to the question at the end of each experiment on the same paper as your solutions to the 10 problems above from *Probability and Statistics* by Devore.