LB 118, Sections 003 & 004, Spring 2016
Homework 2 (due 01/27)

Instructions: Please review the section of the course syllabus on home-work before writing up your solutions to the problems below. Do not write on or turn in this document. Instead, write your solutions on looseleaf or blank paper. Homework is due at the start of class.

Please read through sections 1.2 and 1.3 of the textbook and carefully work through each of the Explore exercises before attempting the problems below.

1. Solve Exercise 1.2.1, parts (c) and (f).

2. Solve Exercise 1.2.4.

3. Solve Exercise 1.2.6. Notes: The first part asks you to "Test the equation" $P_t = 2.2 \cdot 1.19^t$ against the given set of data. You should answer this part by making two tables: one of the original data and one of the data predicted by the dynamic equation. Additionally, make a plot each of the data sets on the SAME graph but use dots for one set of data and plus symbols for the other set of data. Refer to Figure 1.5 on p. 8 for an example of such a plot.

4. Solve Exercise 1.3.2.