

Homework Set 1

**Due Wednesday, September 15, 2010, before class starts**

Note: For this homework, do all calculations by hand, not by Minitab. Feel free to check your answers using Minitab (no need to hand in Minitab output.)

1. Reading: Sections 3.3-3.6.
2. Exercises 3.1 b, 3.4.
3. Construct a stem-and-leaf diagram for the data in Exercise 3.4. Let the stem unit be 0.1 and stretch the display by using two lines per stem so that leaf digits 0-4 are placed on the first line of the stem and leaf digits 5-9 are placed on the second line.
4. Exercises 3.31 a b c, 3.34 b.
5. Calculate range and interquartile range for the data in Exercise 3.34.