

# Math 148 - Elementary Bio Stats

## Spring 2017 Homework 02

**Review ex. Ch.2, p.24:** Problems # 4, 6, 7, 9, 10, 11

**Summation exercise:** Given the data  $x_1 = 2, x_2 = 5, x_3 = 6, x_4 = 4, x_5 = 9,$   
compute  $\sum (x_i - \bar{x})^2$ .

Do not just give the result but provide the formulas with the data values plugged in. **Hint:** You first need to compute  $\bar{x}$ . Write down that formula too!

**All answers for the review exercises must be typed by computer.** You may do drawings by hand in case you choose to provide any. **Use a ruler!**

You may submit a handwritten solution for the summation exercise.