

QUESTIONS TO HAND IN-EXPERIMENT 01

NAME _____

LAB INSTRUCTOR _____ LAB DAY/TIME _____

Given the following data set of 20 points:

5,7,2,15,21,13,24,10,2,19,14,8,3,5,17,23,21,25,7,10

1. What is the mean value, \bar{x} ?
2. What is the Variance?
3. What is the Standard Deviation, s ?
4. What is the Standard Deviation of the Mean, s_m ?
5. What are the plus-or-minus limits on the mean for 95% confidence in the result?