

(24 February 2022)

In class: No open notes, nor use of computer/web resources

1. We have asserted since the first class that almost any description of modern science can be simplified down to three inter-related actions of the human person. Do you recall what these are?

5. List at least four characteristics that could transform an “investigation” into a “*scientific investigation*”?

6. What are some of the uses of computation that we have used already – especially in lab– to facilitate a scientific investigation?
7. There are 5 apples on a table. You take away 3. How many apples do you have?
8. Consider a dataset from an experiment of a large number (N) of independent observations. In words, briefly describe what each of the following *measures* or *predicts* with respect to that dataset:
 - a. Average
 - b. Standard Deviation
 - c. Standard Error

9. (*non-graded*) The course has now completed its three weeks.

a. What are some things –new to you– that you have learned so far?

b. What are some things that you would like to learn before the course is over?