

Science-1A Students,

It is now time to learn how to do the Calculations Test. It is worth 100 points, but redo's are allowed until everyone understands how to do it. The lab notes at <https://yosemitefoothills.com/Science-1A/OnlineLectureAndLabNotes/Week-02-Lab-Wednesday-August-18-2021.pdf>

explain how this is to be done. In short, it involves doing the following steps:

1. Locate a calculator you plan to use, it must be able to do scientific notation, log base 10 (\log_{10}), and raising 10 to a power (10^x). These last two functions are for working with pH in chemistry.
2. Play with the calculator doing simple things to understand how it works with scientific notation. If available, read the instructions.
3. Work through the example questions explained in the above online note and shown at <https://yosemitefoothills.com/Science-1A/QuizAndTestPractice/PracticeCalculationsTestAndSolutions.pdf> .
4. Ask questions from me via e-mail to science1a@yosemitefoothills.com, or from others when something doesn't seem to work.
5. When you think you understand it, send me your Practice Work via an attached picture for feedback.
6. I will then send you your actual Calculations Test as an e-mail attachment which will be similar, but with different numbers.
7. Send me a picture of your resultant work for any final feedback until you get your well-earned 100 points.

This process may take a couple of weeks if you still need to get a scientific calculator. Knowing how to do this right should put you well on the way to getting an A in the course.

Craig