

How to Accurately Measure

Throughout this semester you will be asked to measure mass, volume, temperature, etc. You will be expected to do this correctly, meaning to the correct number of significant figures based off the the rules we have learned. This is extremely important because it tells others how certain you are of your data. The more decimal places, the more accurate your measuring equipment was, which means your data is more accurate.

Objective: Create a set of rules, in your own words, that you can use as a reference to help you report your findings to the correct number of significant figures throughout the semester.

Requirements:

Title - The last page of your lab equipment manual should have a title that relates to measuring correctly. **(1 pt)**

Examples - You need to provide an example for measuring each of the following; mass, volume, and temperature.

- A piece of equipment you could use **(1 pt each)**
- In at least 2 -3 full sentence, describe how you would figure out how many decimal places your data needs to be recorded to. (remember this is what you will be referencing all year to help you record your data to the correct number of decimal place, so be as specific as possible) **(3 pts each)**