

Lab 02 Comments

1) Too many of you are forgetting to multiply by 100 when calculating %Error. The formula is

$$\%Error \text{ in value} = 100\% * |value - reference \text{ value}| / reference \text{ value}$$

2) The values of T2 and T3 from the top of the page were not copied correctly to the appropriate spaces at the bottom of the page. Why this happens is a complete mystery to me.

3) Still too many calculation errors. Check and rechecking your calculation is not an option. It is a requirement. You are not allowed to make any calculation errors.

4) Rounding is still not allowed. Keep two extra digits in all calculations and write them on the page. Do you understand that every time you round away a digit you introduce more mistakes into your results? NEVER USE ROUNDED NUMBERS IN CALCULATIONS!!!!

5) Weight = mass * 9.81 N/kg. Who thinks it is weight = mass * 9.18? Don't make this stuff up. If you can't remember, look it up, but don't guess.