

Presentation Format Worksheet (Try 3)

Name: _____

Due October 2, 2024

Directions: You are to write the value and uncertainty for each row in the proper "presentation format". This is an exercise in following directions. There is no leeway for variations, choices, or opinions. Each answer is either perfect or completely wrong. Here is a summary of the rules from the lab manual:

- (1) Round off the uncertainty to two (2) significant figures
- (2) Round off the value to the same decimal place as the last significant digit in the uncertainty
- (3) When using scientific notation, make sure value and uncertainty are expressed to same power of ten, with decimal point placed after first digit in the *value*. Never use "E". Example: $(5.423 \pm 0.034) \times 10^{-5}$
- (4) If your value is greater than 10,000 or less than 0.01 you must use scientific notation.

If you get at least 8 out of 10 correct, your grade will be the number correct minus 4. If you get fewer than 8 out of 10 correct, you will get no credit. In this case, you will be allowed to complete a fourth version of this worksheet.

#	Value	Uncertainty	Presentation Format (Value \pm Uncertainty)
1	0.037372679	0.000603601	
2	2.05392E-06	1.59845E-08	
3	0.200735384	0.011158817	
4	2.343410034	0.387097414	
5	0.000413394	2.73114E-06	
6	698783.9882	22075.74886	
7	174664.3134	27369.94147	
8	15.92522226	3.278529248	
9	1.05392E-05	3.06456E-07	
10	3.95595E-06	1.90759E-07	