Presentation Format Worksheet

Name: _____   **Due September 11, 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 your score is less than 8/10, you will be allowed to complete another version of this worksheet but the maximum score you can receive will be 8/10 on the second version.

#	Value	Uncertainty	Presentation Format (Value ± Uncertainty)
1	8.396533384	0.049058298	
2	0.258481921	0.025912134	
3	0.045391518	0.000199842	
4	0.00035943	1.05751E-06	
5	48.17175354	0.644584356	
6	1.912204413	0.021298821	
7	6.19727E-07	1.67924E-08	
8	0.001472901	4.97114E-06	
9	151882.2393	5645.774176	
10	1.62112E-07	2.85462E-08	