**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Title:** Unit Conversion Lab

**Purpose:**

* Practice lab safety
* Practice using varied measurement tools
* Identify significant figures and uncertain figures
* Practice unit conversion

**Procedure:**

* Practicing lab safety concepts and strategies: ATTITUDE and ATTIRE
* In each of 7 stations, measure mass/ volume/ time/ length of objects using varied tools with varied precision.
* Note measurements to the correct number of significant figures.
* Identify and underline the uncertain digit.
* Draw/ take picture of observations including tools, precision notches and objects.
* Analyze data by converting measurements to the required units.
* BOX results in the correct number of significant figures and units.

**Observations: INSERT DRAWINGS/ PICS HERE. LABEL EACH DRAWING WITH STATION #**

**~~Questions:~~**

**Analysis: INSERT CONVERSION CALCULATIONS HERE. LABEL EACH DRAWING WITH STATION #. BOX RESULTS**

**Conclusion:**

* In order to practice lab safety, I …………..
* I practiced using varied measurement tools including……….
* I identified significant figures and uncertain figures by……….
* I practiced unit conversion by……..

**Discussion:**

Discuss Safety and Participation? Which tool is most and least precise? Why? Was this lab a safety hazard? Why? MORE? See purposes and address statements.