**Measurement Lab**

**Measuring Mass Direct**

**On the spread sheet (Google Drive, spreadsheet) (15pts)**

1. Create a data table for the objects that you measured the mass for?

Make sure that you include the units.

Make sure that you **Bold** the titles and add borders to you cells.

**Measuring out a predetermined mass**

**This should be a short answer write up. It should be in at least 5 sentence paragraph or more. NOT LESS. It can NOT be the SAME as your PARTNERS**

1. You have a classmate who did not do the lab and needs help on measuring out a predetermined mass. Much like you did for the sodium chloride in section III, in detail, explain how to measure out predetermined mass. **(15pts)**

**Measurements by Volume**

1. When measuring the 100ml of water from the beaker, how accurate was your readings? **(15pts)**

 Explain your procedure and explain your answer. **This should be a short answer write up. It should be in at least 5 sentence paragraph or more. NOT LESS. It can NOT be the SAME as your PARTNERS**

**Simple answers, Answer in complete sentences**

1. What base unit do we use in science to measure mass? (5pts)
2. What base unit do we use in science to measure volume? (5pts)
3. What instruments can we use to measure mass? (5pts)
4. What instruments can we use to measure volume? (5pts)

**Mass and Volume Lab**

1. Create a data table for the Acrylic cube and cylinder as well as for the Aluminum cube and cylinder that you measures for Mass, Volume, and M/V. Make sure to include the correct units for each. Same procedure as in question #1. (**10 pts**)
2. Create a graph showing the mass, Volume, and M/V. Explain your graph. **(10pts)**
3. What is Density and how is the Mass and Volume lab related to Density? **This should be a short answer write up. It should be in at least 5 sentence paragraph or more. NOT LESS. It can NOT be the SAME as your PARTNERS (15pts)**