Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period \_\_\_\_ Number\_\_\_

**Unit 2-Measurement & Density**

Review Sheet

**Directions:** Write out all of the answers in complete sentences that restate the question on a separate piece of paper.

**\*\*REMEMBER TO ALSO STUDY ALL VOCAB WORDS\*\***

**Section 1 Notes**

1. An observation that we make using a tool (meter stick, graduated cylinder, triple beam balance, etc.) is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. How do you measure with a metric ruler? Explain.
3. How many places behind the decimal is the tenths place?
4. Explain why mass and weight are NOT the same thing.
5. What does weight measure?
6. What do we measure with a triple beam balance?

**Section 2 Notes**

1. What system of measurement does the world use except us? Explain why?
2. Explain what tool is used in the metric system to measure length? And what is the metric unit length?
3. Explain what tool is used in the metric system to measure volume? And what is the metric unit volume?
4. Explain what tool is used in the metric system to measure mass? And what is the metric unit mass?
5. List the 6 metric prefixes, including the unit from the largest unit to the smallest unit.

\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_

1. Which way does the decimal move when converting from a **large** unit to a **smaller** unit?
2. Which way does the decimal move when converting from a **small** unit to a **larger** unit?

**Section 3 Notes**

1. Describe what the meniscus is when measuring with a graduated cylinder?
2. What term is used when finding the volume of an irregular shaped object?
3. Describe the process of finding the volume of an irregular shaped object.
4. What formula is used to find the volume of a regular shaped object?

**Section 4 Notes**

1. What is the definition of density and what is the formula? Label all 3 variables.
2. Does the density of an object change if you cut it into pieces? Explain why or why not.
3. Remember that you cannot \_\_\_\_\_\_\_\_\_\_\_\_ density, you can only \_\_\_\_\_\_\_\_\_\_\_\_ it using the formula.