NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**2**

DATE\_\_\_\_\_\_\_\_\_\_\_\_\_PER\_\_\_\_\_\_

**MEASURING MATTER COMPUTER ASSIGNMENT**

Directions: 1. Type in the following link: <http://bit.ly/wc7MwO>

\*(Case sensitive & it’s the letter O at the end)

2. Start with Matter by clicking on the picture of 2 drinking glasses or clicking

the word Matter on the menu bar.

3. This is the first paper for you MATTER packet! When you finish, read

through it and study it AND keep this paper in your Science journal!

**MATTER**

1. How is matter defined?
2. List 3 ways matter is most easily described.
3. What are the 3 measurements most commonly used to describe matter?

**MASS**

1. Define Mass:
2. What unit is Mass measured in?
3. What is the mass of
4. a large paperclip = \_\_\_\_\_\_\_\_\_\_gram(s)
5. a nickel = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_gram(s)
6. a baseball = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_gram(s)
7. What instrument is used to measure mass?
8. **Practice:** What is the mass shown on the triple beam balance? \_\_\_\_\_\_\_\_\_\_\_\_grams

**VOLUME**

1. Define Volume:
2. How do you measure the Volume of a cube or rectangular shaped object?
3. **Practice:** What is the volume of the cube? \_\_\_\_\_\_\_\_\_\_\_\_\_cm3
4. What are the tools used to measure the volume of a liquid? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. What are the units of measurement for liquid volume? \_\_\_\_\_\_\_\_\_\_\_
6. When a little bit of liquid sticks to the sides of the graduated cylinder and forms a curve, what is this curve called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. When measuring the volume of a liquid, where do you always take the reading at?
8. What is another important factor to check when reading the volume on a graduated cylinder?
9. **Practice:** Volume of the liquid \_\_\_\_\_\_\_\_\_\_\_\_\_\_mL
10. What is the name of the method used to measure the volume of an irregular shaped

object? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. List the 3 steps used in water displacement.

1.

2.

3.

20. **Practice:** volume of the fish = \_\_\_\_\_\_\_\_\_\_\_\_\_\_mL

\*\*\*Volume of water and fish (minus) Volume of initial water = volume of fish!

**DENSITY**

21. Define Density:

22. What does density describe?

23. List 3 steps to find an objects density.

1.

2.

3.

24. Practice: Density of red ball = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_g/mL

25. What is the formula for density?