Name Key Date	€ .
Prologue Review Sheet	
If you know all the information on this review sheet, you can get a	1
Measurement	
1. A triple beam balance is used to measure $MOSS$	

Date	

you know all the information on this review sheet, you can get a 100 on the test.
Measurement
1. A triple beam balance is used to measure
2. Mass is measured in <u>OYAMS</u>
2. Mass is measured in <u>Grams</u> 3. A graduated cylinder is used to measure <u>Volume (liquid)</u> 4. Volume is measured in Cm <sup>3</sup> or m <sup>2</sup>
1. Volume to mediate
5. A ruler can be used to determine <u>length</u> or <u>Volume</u>
6. A thermometer is used to measure <u>temperature</u>
7. Temperature can be measured in <u>°C (celsius)</u> or <u>°F (Fahrenheit)</u>
8. Explain how to find the volume of a very large object.
Place an object on the pan, then use the weight
on the beam to measure the mass
9. Explain how to use a graduated cylinder to find the volume of a liquid.
Put the liquid in the graduated cylinder, put the graduated cylinder on a flat surface + read the meniscus at eye level.
10. Explain how to use a graduated cylinder to find the volume of an irregular solid.
Till the graduated cylinder to <u>BO</u> ml, then slide the irregular zed object into the graduated cylinder slowly. Measure the
zed object into the graduated equities slowly. Measure the
colorement of the water. Take the new maistrement.
+ Subtract the 50mL to get the Volume.  11. Explain how to use a ruler to measure the volume of a rectangular solid using
the formula: Volume = length * width * height. Memorize this formula!
width
height
length
12. Define: mass - the amount of matter in an object
volume - the amount of space an object takes up
12. Define: mass - the amount of matter in an object volume - the amount of space an object takes up weight - how gravity pulls on an object

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Amount of mass per unit volume

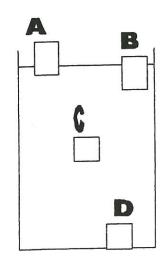
13. Define density - How tightly matter

14. Write the density formula - Density

\*\*Be able to use the density formula to solve problems when the mass and volume are given to you. Example: mass = 100g, volume = 25 mL density=2

(2)  $D = \frac{1009}{22mL}$  (3) D = 4.09/mL

- 15. The density of water is 1 g/ml. Objects denser than water will Sink in a container of water. Objects less dense than water will  $\frac{f \log t}{f}$  in a container of water.
- 16. The container below is full of water. There are 4 objects in the container. Use the drawing to answer the questions below.



Which object is denser than water? \_\_\_\_\_

Which object is most likely an ice cube?

Which object is the least dense? \_\_\_\_\_A

Which object is as dense as the water?

Which object might have a density of 7 g/mL? \_

Which object might have a density less than 1 g/mL?

17. When a material is heated, what happens to its volume? \_\_Increase

