Metric Mania

Name _____

Lesson 3: Volume

1. Which is longer? Circle your choice for each one.

      1 liter or 1 gallon   1 liter or 1 quart   1 milliliter or 1 fluid ounce

2. Complete each statement.

      1 gallon = _____ liters   1 fl oz = _____ ml   1 quart = _____ liters

3. _____ is the amount of space an object takes up.

4. The base unit of volume in the metric system in the _____ and is represented by ___ or ___.

5. 1 liter is equal to one cubic _____

6. Complete each statement.

      1 L = _____ mL   1 mL = _____ cm3 (or cc) = _____ gram*

7. Which is larger? Circle your choice for each one.

      A. 1 liter or 1500 milliliters   B. 200 milliliters or 1.2 liters   C. 12 cm^3 or 1.2 milliliters*

8. What instrument will we use to find liquid volume? _____

9. What is the name of the curve you see at the top of a liquid in a cylinder? _____

10. What is the volume of liquid in each cylinder?

      A. _____   B. _____   C. _____

11. What formula do we use to find the volume of regular objects?

      Volume = _____ X _____ X _____

12. What is the volume of the cube? _____ X _____ X _____ = _____

13. How do we find the volume of an irregular object using a graduated cylinder? _____
_____
_____

14. What is the volume of the rock? _____ - _____ = _____