Metric Mania

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 is 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 cm³ 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? ___________ - ___________ = ___________