

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 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? _____ - _____ = _____