



Name: _____ #: _____

Date: _____ Section: _____ HR: _____

Measurement - A Common Language : Volume

Volume

volume:

Volume of Liquids

When measuring the volume of a liquid, scientists use a unit known as the...

• _____

The unit to measure volume in smaller units.

• _____

The instrument used to measure the volume of liquids

• _____

This instrument has markings that are in increments of

• _____

meniscus:

Figure 4: Observing

What is the proper way to read a meniscus?

Volume of Rectangular Solids

How can the volume of a solid object such as a shoebox be measured?

Common Conversions for Volume

1 L	=	
	=	1,000 cm ³
1 mL	=	

The SI unit known for measuring solids with a larger volume

The formula for calculating the volume of a rectangular object

Why is the unit cm³ used when calculating the volume of a rectangular object?

- _____

$V = \text{_____} \times \text{_____} \times \text{_____}$

Suppose a cereal box is 10 centimeters long, 4 centimeters wide, and 20 centimeters high. What would be the volume of the box?

Volume = _____ x _____ x _____

Volume = _____

✓ Reading Checkpoint (page 51)

What is a cubic meter?

Volume of Irregular Solids

How is the volume of an irregular solid such as a rock measured?

How does the water displacement method work?
