

Finding the Volume of a Irregular Shaped Object

Name _____

Date _____

Period _____

Definition of Volume: _____

1. The second method of measuring volume is used on an irregular shaped object. An example of an irregular shaped object is a rock or your hand. To find the volume: (1) Fill a graduated cylinder about half way with water. (2) Record the volume of water in the "Beginning Volume" column. (3) Tilt the graduated cylinder and slide the object into the water (4) Record the new volume of the water in the "ending volume" column of the data table. (5) Subtract the "beginning volume" from the "ending volume".

	Object Name	Beginning Volume (ml)	Ending Volume (ml)	Volume in ml (cm ³) <i>Show your work</i>
	<i>Example</i>	<i>48.4 ml</i>	<i>98.5 ml</i>	$V = 98.5 - 48.4 = 50.1 \text{ ml} = 50.1 \text{ cm}^3$
1	Cork			
2	Glue stick			
3	Ping Pong Ball			
4	Rubber Eraser			
5	Rubber Stopper			
6	Wood Cylinder			
7	Wood Block 1			
8	Wood Block 9			
9	Metal Cube			
10	Rubber Block			

Using your own words, explain the procedure for finding the volume of a regular shaped object. Write your answer in a paragraph using complete sentences.

Materials Inventory

