**Practice Measuring Volume**

**Question or Hypothesis**

How do you measure the volumes of solids, liquids and gases?

**Materials:**

|  |  |  |
| --- | --- | --- |
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|  |  |  |
|  |  |  |
|  |  |  |

**Procedure:**

Part A Measuring the volume of a regular solid

|  |
| --- |
| 1. |
|  |
|  |
| 2. |
|  |

Part B Measuring the volume of an irregular solid

|  |
| --- |
| 1. |
|  |
|  |
| 2. |
|  |
|  |
| 3. |
|  |

**Observations/Results**

Part A Measuring the volume of a regular solid **(L, W, H in cm; V in cm3)**

Show your work:

Object: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Length: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Width: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Height: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Part B Measuring the volume of an irregular solid **(V in mL)**

Show your work:

Object: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume of water in cylinder: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume of water in cylinder with object: \_\_\_\_\_\_\_\_

Volume of object: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Conclusion/Application**

On a separate piece of lined paper, complete questions 6 – 8 on page 115.