**Volume Lab**

**LT**: I can Accurately measure volume to the nearest mL or cm3.

**Objectives:**

* to determine the volume of a regular object using the formula: length x width x height
* to define the term "meniscus"
* to read a graduated cylinder using the meniscus
* to determine the volume of an irregular object using water displacement

**Find the volume of at least 3 objects. Record the object and the volume in Table 1.**

Formula for regular volume:  **L x W x H = cm3**

Formula for Irregular Volume:

**Ending Volume - Starting Volume = Volume of object in mL**

**Observations:**

**Table 1: Volume of regular and irregular objects**

|  |  |  |  |
| --- | --- | --- | --- |
| **Object** | **box** |  |  |
|  |  |  |  |

**Analysis/Results:**

1. What is a meniscus? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How do you accurately measure using a graduated cylinder? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

