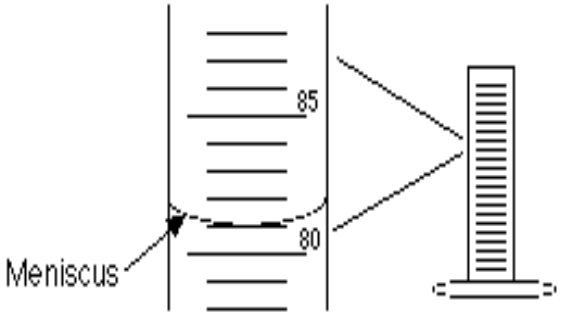
Irregular VOLUME

We use the idea of *water displacement* to find the volume of odd shaped objects. An object will displace, or move, an amount of water equal to its own volume.

We use a graduated cylinder to measure volume in milliliters (ml). This is what a graduated cylinder looks like:



A ***meniscus*** is the curved wave line that the liquid makes inside the graduated cylinder. To tell how many milliliters of liquid are in a graduated cylinder, you must read the bottom of the meniscus wave.

WHAT TO DO:

There are 5 different objects at this station.

1. Select one of the objects (it doesn't matter which one). Write the name of the object on your answer sheet.
2. **Estimate** the volume of the object in ml.
3. Record this estimation in on your answer sheet.
4. Find the actual volume of the object by filling the graduated cylinder or beaker halfway with water. Record the amount, or volume of water in the data chart.
5. Carefully drop the object into the beaker or graduated cylinder. Hold the object over the pan while you measure volume. Record the new volume of water.
6. Subtract the original volume of water from the new volume; this difference is the volume of the object.
7. Record the actual volume of the object on your answer sheet.
8. Repeat each step with each object.