

PRACTICE 4. LEARN HOW TO USE SOME APPARATUS TO MEASURE VOLUME

FILL IN THE NEXT TABLE

	Graduated Cylinder	Pipette	Burette
Highest graduation line (capacity)			
Lowest graduation line			
Sensitivity (smallest graduation)			

USING THE GRADUATED CYLINDER

The teacher is going to explain how to make up to the mark of a graduated cylinder using a dropper, and how to avoid “Parallax error”. You will take notes here:

MEASURING THE VOLUME OF AN IRREGULAR SOLID (WATER DISPLACEMENT METHOD)

- Fill the graduated cylinder up to a certain level.
- Introduce the object in the graduated cylinder.

Initial volume.....
Final volume.....
Object volume.....

USING THE BURETTE

The teacher is going to explain how to make up to the mark of a burette using a funnel.

MEASURING THE VOLUME OF A DROP OF WATER.

- Make up the burette to the top mark.
- Open the bottom tap of the burette, and count the number of drop for a certain volume you will take note of.
Volume.....
Number of drops.....
Volume of a single drop.....

Express that volume in m^3 :.....

USING THE PIPETTE

The teacher is going to explain how to make up to the mark of a pipette (suctioning or with a pipette filler bulb)

Make up the pipette to the top mark. Transfer a certain volume (your teacher will tell you which) to a beaker.