Scientific Pro		ameols and Mea	surements
Part A - Count You	r Drops		`
Take a guess – how a Tools you will need:	many drops of water in o	ne milliliter of water?	·
BEAKER *Note, to measure volur	GRADUATED CY		eye dropper) PIPETTE reading at the lowest
Hov	at amount of liquid is in t v much liquid can your go v much liquid can your bo	he graduated cylinder pio raduated cylinder measu eaker measure?	ctured? re?
3. To determine the nur water. Carefully add dr in order to calculate an	ops using the pipette unt	make a milliliter, fill you ⁄ c il you reach 11 ml. Repo	ylinder to 10 ml of eat this process 3 times
Trial 1	Trial 2	Trial 3	Average

2. For oddly shaped objects, using a water displacement technique can determine the volume. Find the volume of 3 marbles by filling a graduated cylinder to 10 ml. Drop the marbles in and see how much the water rises – this is the volume of the marbles. Complete the table below.

Volume of water before adding marbles	Volume of water after marbles	Difference in Volume	Volume of 3 Marbles
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Now determine the volume of a single marble by dividing your total (above) by	3.
Try dropping a single marble into the graduated cylinder. What is its volume?	