

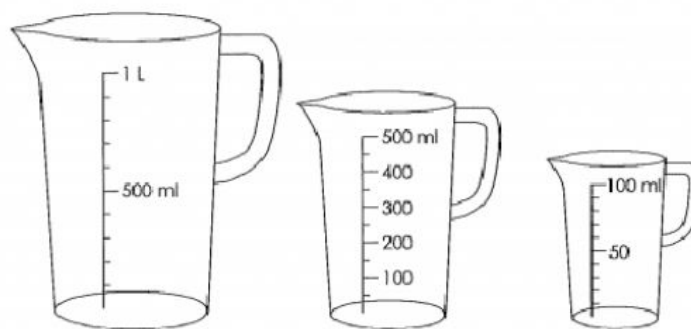
Mathematics

Volume and Capacity

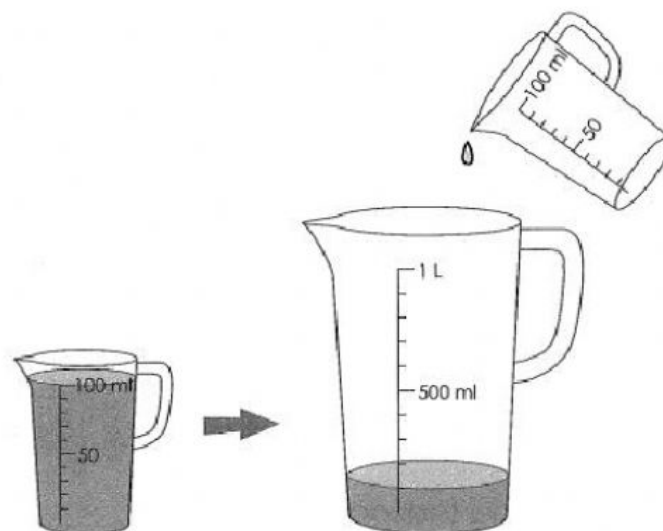
Thursday

Exercise 6 Liters and Milliliters

1. Work with your friends.
You need a 1-liter, 500-milliliter and 100-milliliter measuring jug.

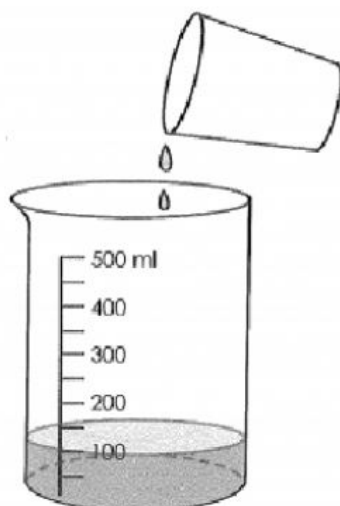


- a) Measure 100 milliliters of water with the 100-milliliter measuring jug.
Pour the water into the 1-liter measuring jug and note where the water level is.



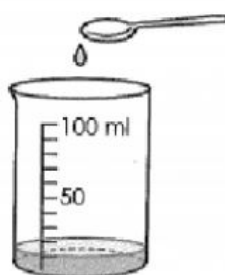
- b) Repeat the activity in a) until the 1-liter measuring jug contains 1 liter of water.
- c) 1 L = _____ ml

2. Get a paper cup.
Estimate how many milliliters of water the paper cup can hold.
Then, check by measuring the capacity of the paper cup.



The capacity of the paper cup is about _____ milliliters.

3. Get a teaspoon.
Find out how many teaspoons of water will make up
10 milliliters. Then, find the capacity of the teaspoon.



It takes about _____ teaspoons to make 10 milliliters.

The capacity of the teaspoon is about _____ milliliters.

4. Work with your friends.
You need a 100-milliliter measuring cup.
Get a plastic bottle which can hold 1 liter of water.

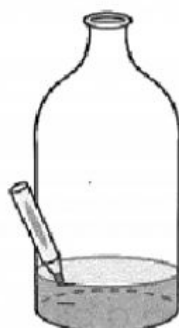


Use the bottle to make your own measuring container.

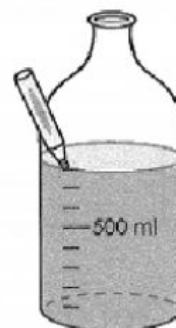
Pour 100 milliliters of water into the bottle. Mark the water level.



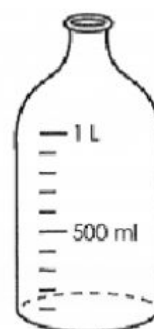
Pour another 100 milliliters of water into the bottle. Mark the water level.



And so on, ...

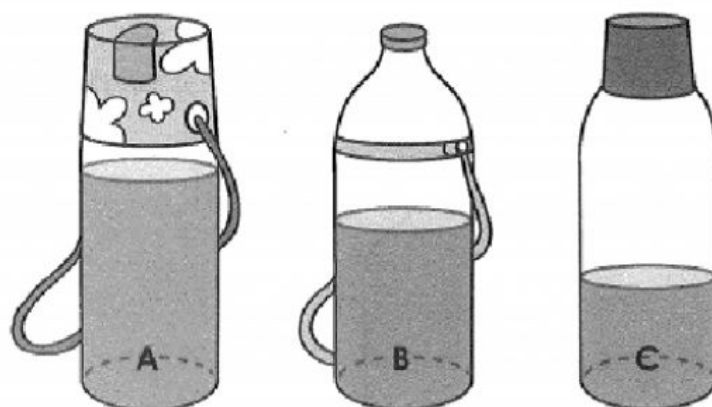


Your measuring container will look like this:



Use the measuring container you have made for the activities on the next page.

5. Get three of your friends' water bottles.



Estimate and then measure the volume of water in each water bottle.

Water bottle	Volume	
	My estimate	My measure
A	about _____ ml	about _____ ml
B	about _____ ml	about _____ ml
C	about _____ ml	about _____ ml

6. Get a pail, a basin and a big bottle.
Each container can hold more than 1 liter of water.
Estimate how many liters of water will fill each container.
Then, check by measuring the capacities of the containers.

Container	Capacity	
	My estimate	My measure
a pail	about _____ L	about _____ L
a basin	about _____ L	about _____ L
a big bottle	about _____ L	about _____ L