

* 4.2. Exploring capacity: the litre

Remember

When you measure how much a container holds, you measure its capacity.

This bottle has a capacity of one litre (1l).

The bottle holds 1 l of water.

One litre fills about 4 glasses.



Here are some other things that are measured in litres.

orange juice
1 l



milk
1 l



laundry detergent
2 l



vinegar
4 l



Which containers hold less than 1 l?

Which hold more than 1 l?

- | | |
|--------------------------|-------------------------|
| a) a mug | d) a rain barrel |
| b) a baby's bottle | e) a kitchen sink |
| c) a garbage can | f) an eyedropper |

*** 4.3. Exploring capacity: the millilitre**

Remember

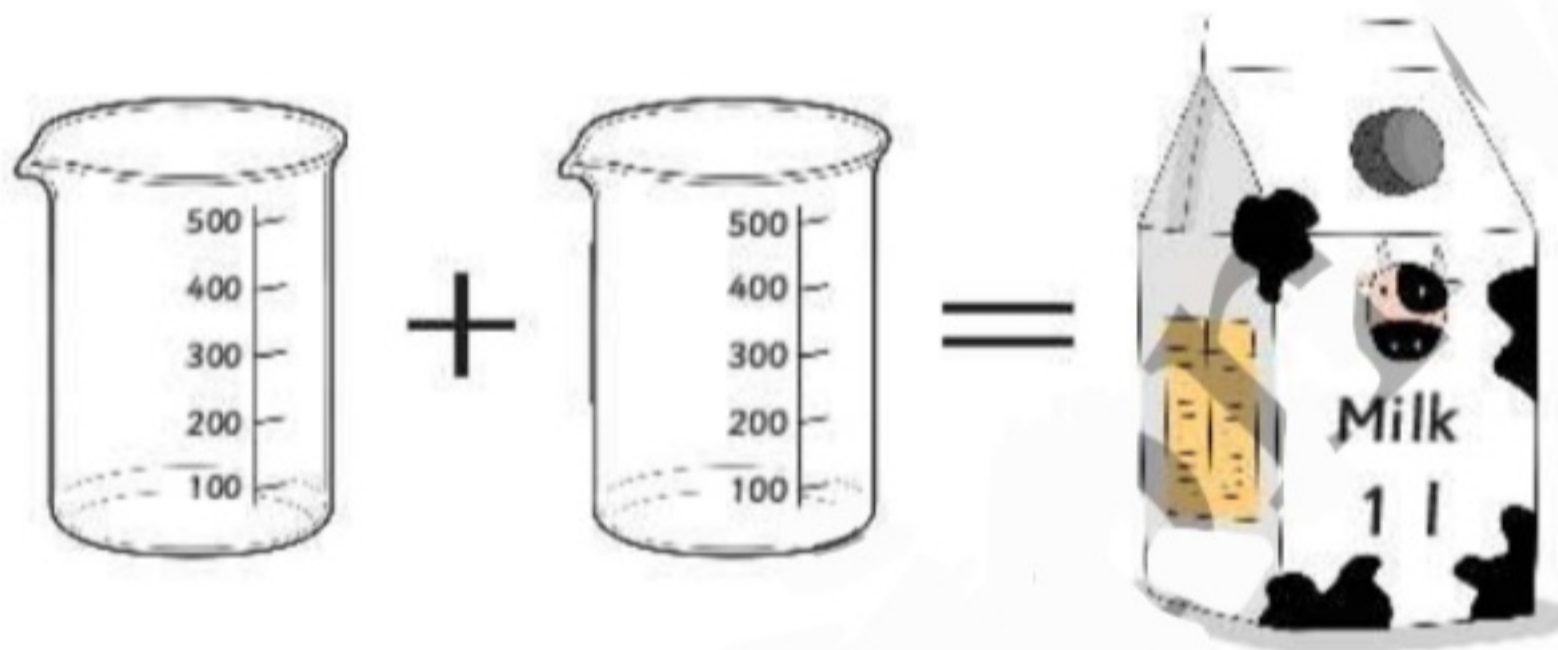
The millilitre (ml) is a small unit of capacity.

This teaspoon has a capacity of 5 ml.

This measuring cup has a capacity of 500 ml.

It holds 500 ml of water.

It takes 2 of these measuring cups to fill a 1-L container.



$$500 \text{ ml} + 500 \text{ ml} = 1000 \text{ ml}$$

One litre is equal to one thousand millilitres.

$$1 \text{ l} = 1000 \text{ ml}$$

Which unit would you use to measure each amount, millilitre or litre?

- a) The amount of gasoline in a car
- b) The amount of water in a raindrop
- c) The amount of nail polish in a bottle
- d) The amount of water in a swimming pool