

Calibrating Capacities – Part 1

Your task is to change a plain plastic bottle into a measuring bottle. This is called calibrating.

You need:

- strips of sticky paper
- lentils or rice
- a 2 litre bottle
- a 100ml bottle or cup
- a 50 ml bottle or cup

To make it easier to pour the lentils, cut the tip off a cone of paper to make a funnel!

1. Stick a strip of paper vertically to the side of your 2 litre bottle.
2. Fill the 100ml measure with lentils.
3. Pour them into the 2 litre bottle.
4. Make sure that the lentils are level.
5. Mark 100ml on the strip of paper, by the top of the pile of lentils.
6. Complete your scale by marking 100ml intervals until your bottle is full of lentils.

Does everyone need the same amount of lentils to make a litre?