## Symmetry

Newsflash: An interview with Symmetry

**Reporter:** Welcome Symmetry. Please tell us about yourself.

**Symmetry:** Thank you. My purpose is to fold shapes into 2 equal identical parts.

This fold line is called a line of symmetry, commonly known as a mirror

line.

**Reporter:** What do these lines look like? Please describe them to us.

**Symmetry:** The mirror line can be horizontal, vertical or diagonal:

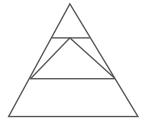
A line from left to right

A line from top to bottom

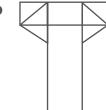
A line drawn from one corner to another corner

I Draw the line of symmetry for each shape.

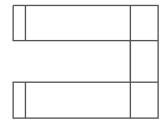
a



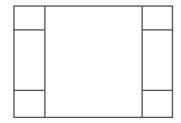
b



C

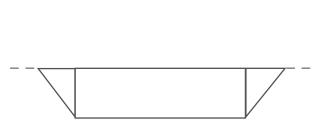


d

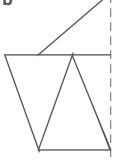


**2** Complete the shapes.

C



b



## Capacity

Capacity is the amount of space inside an object.

Volume is the amount of space something takes up.

I Draw lines to match the objects on the left with the units of measurement on the right.

Object	Unit of measurement
A bottle of shampoo	L
A tank of petrol	ml
A bucket of water	ml
A teaspoon of medicine	kl
A carton of fruit juice	ml
A swimming pool	L

**2** Fill in the ml markings on the jug below.



**3** The jug below has a capacity of 1 L. How many times can the contents of each container A, B and C fit into the jug?









4 Show the following volumes by shading in the jugs.

Jug A: 550 ml



Jug C: 1,5 L



Jug D: 0,8 L



5 Identify pairs of measurements by using matching colours.

2,550 kl

2 550 L

6,5 kl 4 500 ml



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**6** Six 10-litre tins of roof paint are poured into eight small buckets.

What capacity should each bucket be?\_\_\_\_

**7** Every 100 ml of orange squash has to be diluted with 400 ml of water. How much water do we need for 500 ml of orange squash?