Aim
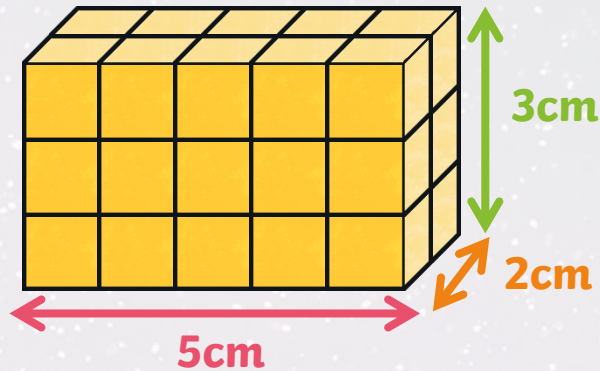
L.O: To calculate volume of irregular solids.

RECAP - Volume is how we measure the amount of space something takes up. This shape is made of 1cm³ blocks:

3cm

2cm

5cm

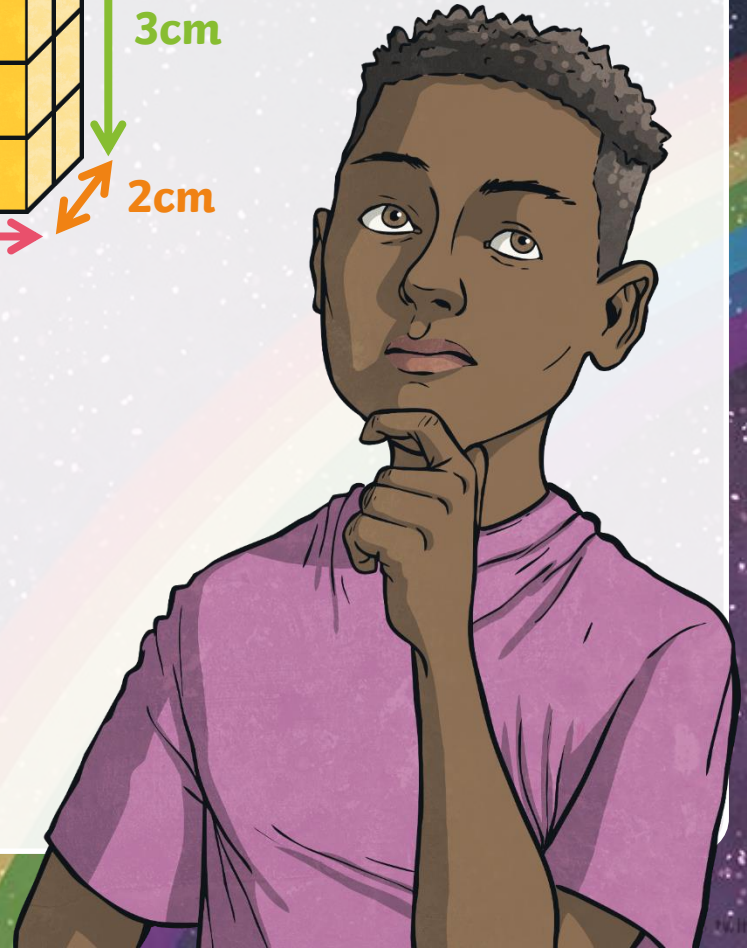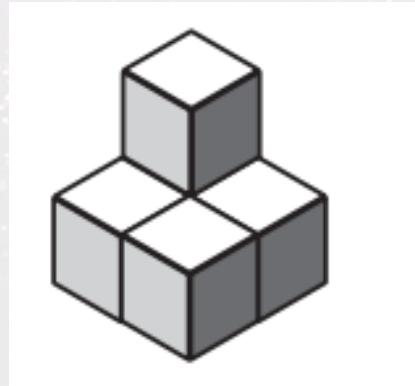| How long is it?	5cm
How wide is it?	2cm
How tall is it?	3cm
What is its volume?	30cm³

L.O: To calculate volume of irregular solids

We measure volume using cm^3

Would you be able to calculate the volume of this object using yesterday's method?
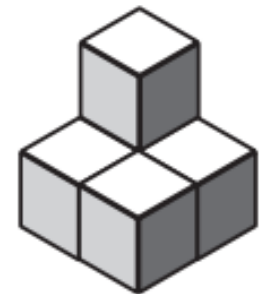
L.O: To calculate volume of irregular solids

For irregular shapes you need to **visualise** (imagine) where the blocks are and count them.

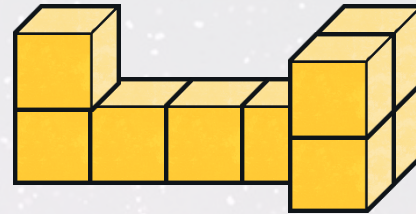I can see 4 cubes but I know there must be a fifth on the bottom layer.
4 on the bottom + 1 = volume of $5cm^3$

L.O: To calculate volume of irregular solids
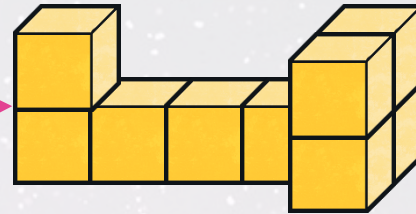
Which volume matches which shape?

9cm³

11cm³

L.O: To calculate volume of irregular solids

Which volume matches which shape?

9cm³ →

11cm³ →

L.O: To calculate volume

There are 2 activities to complete today.

The challenge (print page 3) forgets to show some of the cubes. Can you still work out the volume?