Volume	Knowledge Organiser

Key Vocabulary

- cubed
- area
- cross-section
- prism
- cube
- cuboid
- face
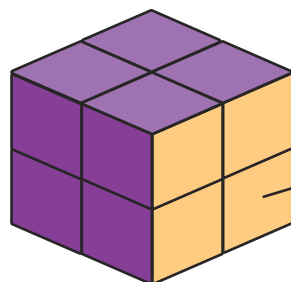- length
- height
- width
- depth

Volume of Cubes and Cuboids

Volume is measured in cubed units. For example, **cm³**, **m³** and **km³**.
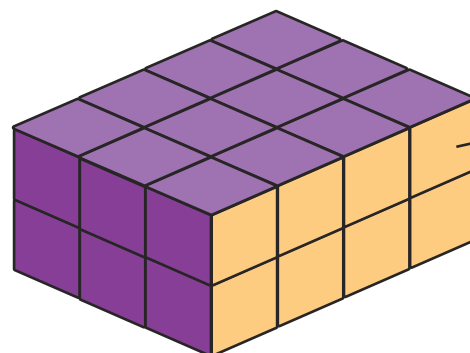
To calculate the volume of cubes and cuboids:

1. Calculate the area of the cross-section (one face).

2. Multiply the area of the cross-section (one face) by its depth.

Area of cross section (face) = 2cm × 2cm = 4cm²

4cm² × 2cm = Volume of 8cm³

Area of cross section (face) = 4cm × 2cm = 8cm²

8cm² × 3cm = Volume of 24cm³