Primary Practice Questions

Corbettmaths
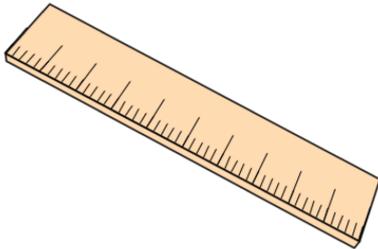
Volume of a Cube
Volume of a Cuboid

Tips
- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

Recap

Remember
- There are daily questions found at
  www.corbettmathsprimary.com/5-a-day/

1.   Each cube has a volume of 1cm³
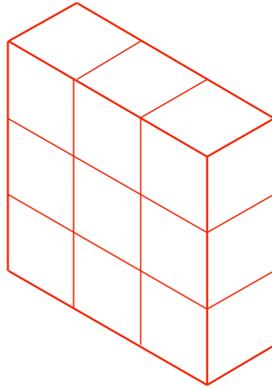
Write down the volume of the cuboid

	cm³

_____

2.   Each cube has a volume of 1cm³
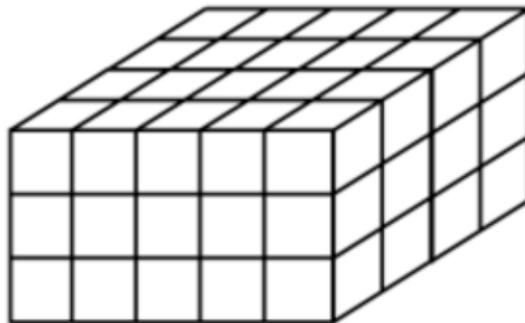
Write down the volume of the cuboid

	cm³

3.   Each cube has a volume of 1cm³
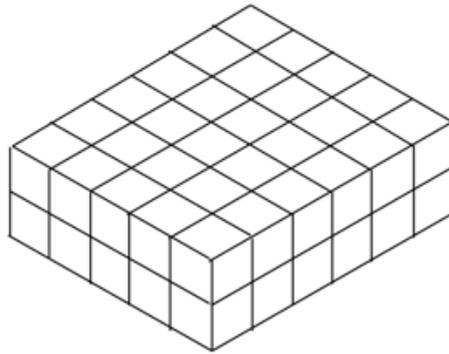
Write down the volume of the cuboid

| | cm³ |

4.

3cm   10cm
    4cm
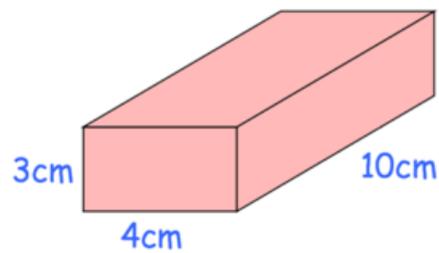
Work out the volume of this cuboid

| | cm³ |

5.

3cm

Work out the volume of this cube

cm³

6.

4cm

6cm

6cm
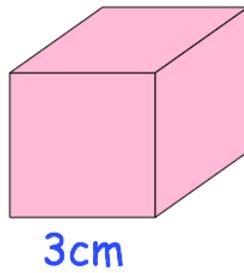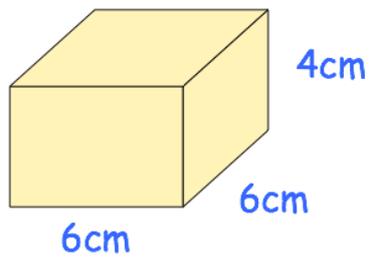
Work out the volume of this cuboid

cm³

7.

5m

Work out the volume of this cube

| m³ |

8.

5cm   22cm

12cm

Work out the volume of this cuboid

| cm³ |
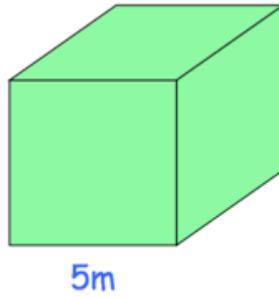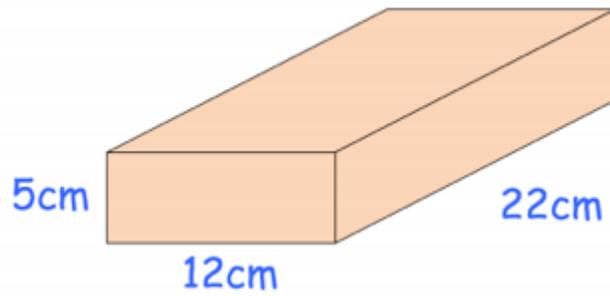
9.   Cube A and cuboid B have the same volume.

A

6cm

y   B   3cm

3cm
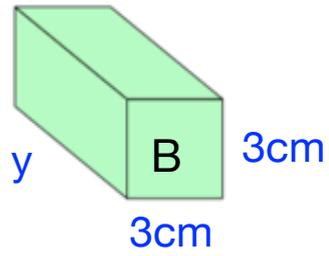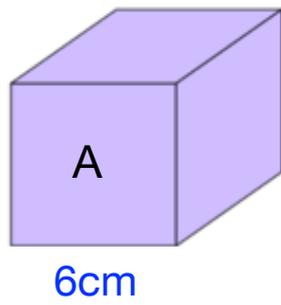
Calculate the missing length on the cuboid, y

cm

10. Cuboid A and Cuboid B have the same volume

Cuboid A

6cm 40cm

5cm

Cuboid B

y

30cm

10cm
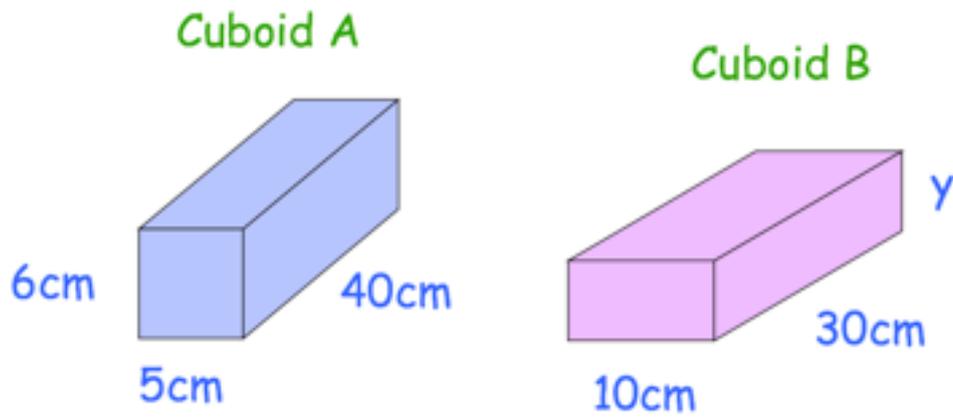
Calculate the missing height of the cuboid B

| | cm |

11.   A box has a length of 18 centimetres, a width of 4 centimetres and a height of 22 centimetres.

22cm

18cm

4cm
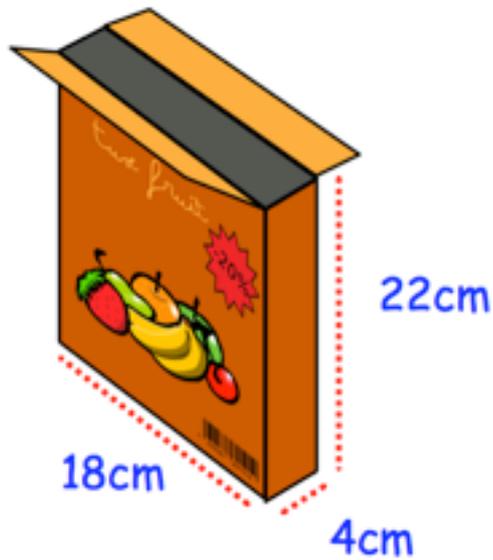
Work out the volume of the box

cm³

12. Here is a drawing of a cube on an isometric grid.

Draw a cuboid that has **half** the volume of the cube