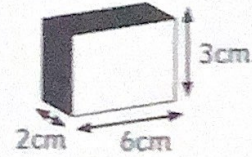


Volume Word Problems

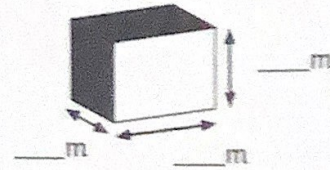
To calculate the volume of a cuboid, multiply the width by the height by the depth, e.g. $6 \times 3 \times 2 = 36\text{cm}^3$

Remember to give the answer in cm^3 or m^3



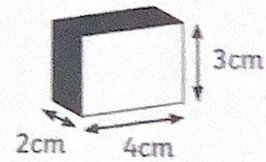
1. a) Label the box with the following dimensions:

- 5m wide
- 4m high
- 3m deep

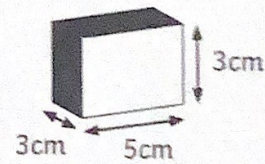


b) Calculate the volume of the box above using the instructions above to help you.

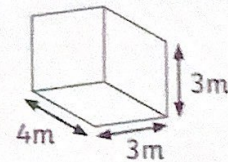
2. James is building a cuboid out of building bricks. It is 4cm wide, 3cm high and 2cm deep. What is the volume of the cuboid?



3. Mohammed bought a small trinket box online. The box is 5cm wide, 3cm high and 3cm deep. What is the volume of the box?

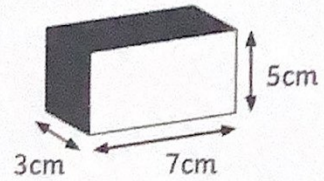


4. Timothy's bedroom is 3m wide, 4m long and 3m from floor to ceiling. What is the volume of Timothy's bedroom?

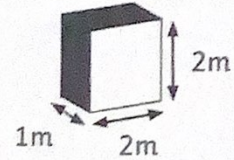


Volume Word Problems

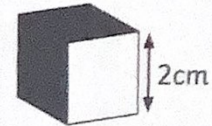
5. Enzo buys a block of butter which is 7cm wide, 5cm high and 3cm deep. What is the volume of the block of butter?



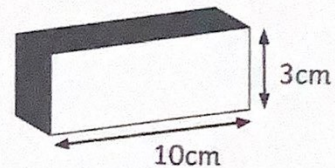
6. Chan bought a new bookcase for his bedroom. It is 2m wide, 2m high and 1m deep. What is the volume of the bookcase?



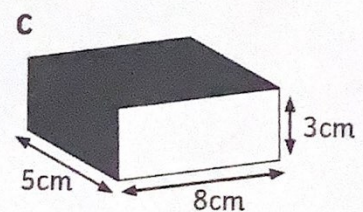
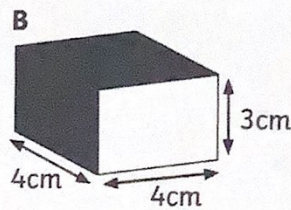
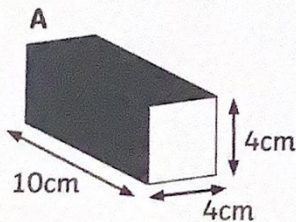
7. Ansel was playing with a dice. He measured one side of the dice. The side measured 2cm. What is the volume of the dice?



8. Juliet had a small jewellery box that measured 60cm^3 . If it was 10cm wide and 3cm high, what was the depth of the jewellery box?



9. Calculate the volume of the following Tupperware boxes and then put them in order from smallest to largest.



smallest



largest