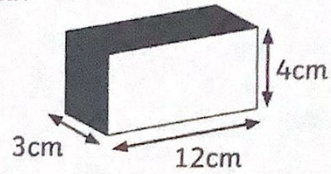
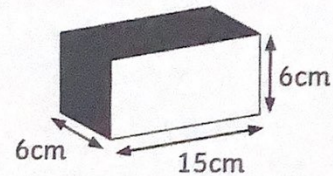


# Volume Word Problems

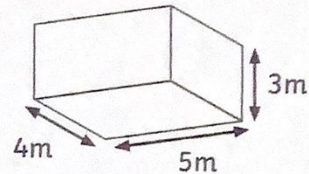
1. James is building a cuboid out of building bricks. It is 12cm wide, 4cm high and 3cm deep. What is the volume of the cuboid?



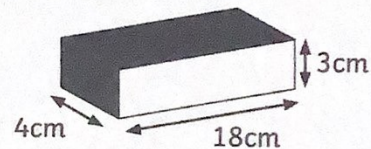
2. Mohammed bought a storage box online. The box is 15cm wide, 6cm high and 6cm deep. What is the volume of the box?



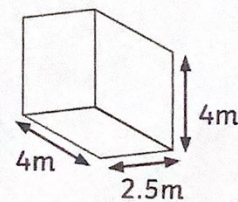
3. Eddo's bedroom is 5m wide, 4m long and 3m from floor to ceiling. What is the volume of Eddo's bedroom?



4. Maria is posting a parcel that is 18cm wide, 3cm high and 4cm deep. What is the volume of the parcel?



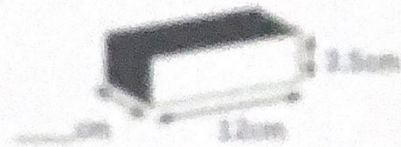
5. Lorenzo wanted to hire a storage unit which was 2.5m wide, 4m long and 4m high. What is the volume of the storage unit?



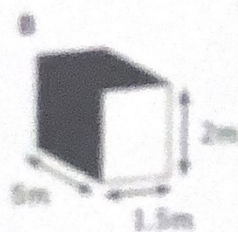
6. Liberty was building cube coffee table. She measured one side of the table. The side measured 20cm. What is the volume of the table?



7. Arina had a pencil case that measured 210cm<sup>3</sup>. If it was 10cm wide and 3.5cm high, what was the depth of the pencil case?



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



smallest



largest

9. a) A truck has room to stack crates of 48m<sup>3</sup>. What could the dimensions of each crate be?



- b) Which of the dimensions would be the most realistic for a crate?