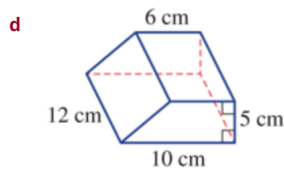
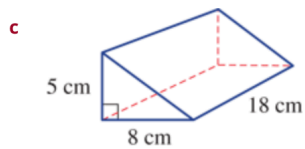
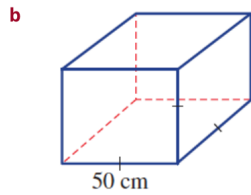
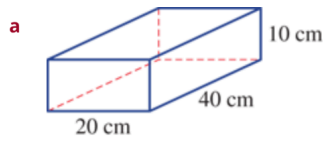


Measurement – Find Surface Area and Volume of Each of the shapes in Q8 and Q12, answer all the other questions with what they are asking. Use diagrams.

8 Find the volume of these solids converting your answer to litres. Recall $1 \text{ cm}^3 = 1 \text{ mL}$ and $1 \text{ L} = 1000 \text{ cm}^3$.



- 9 A brick is 10 cm wide, 20 cm long and 8 cm high. How much space would five of these bricks occupy?
- 10 How much air space is contained inside a rectangular cardboard box that has the dimensions 85 cm by 62 cm by 36 cm. Answer using cubic metres (m^3), correct to two decimal places.
- 11 25 L of water is poured into a rectangular fish tank which is 50 cm long, 20 cm wide and 20 cm high. Will it overflow?
- 12 Find the volume of each of the following solids, rounding to one decimal place where necessary.

