

Volume of cubes and cuboids

MODULE 5 · MEASURES — LENGTH, AREA, VOLUME, MASS AND CAPACITY

MEASURES

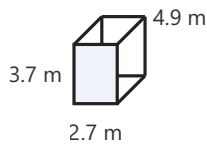
HOW TO ANSWER TODAY

- **Volume.** Volume = length × width × height. Answer in cubic units (cm^3 , m^3).

$$5 \times 4 \times 3 = 60 \text{ cm}^3$$

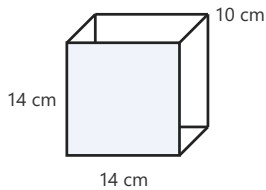
STRETCH PROBLEMS

1



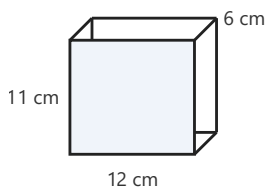
Cian's 5th class build a giant cuboid den in the school hall out of cardboard panels for their junk-modelling project. The finished den measures **2.7 m** long, **4.9 m** wide and **3.7 m** high. What is the volume of the den in cubic metres?

2



5th class are building a wooden storage box to hold the pieces for the giant chess board painted on the yard. The box is **14 cm** long, **10 cm** wide and **14 cm** high. What is the volume of the box?

3



At the after-school crafts club, Oisín builds a small cuboid storage box to hold the kite-making supplies. The box measures **12 cm** long, **6 cm** wide and **11 cm** high. What is the volume of the box?