

Volume of cuboids

MODULE 4 · MEASURES — LENGTH, MASS, CAPACITY, AREA, VOLUME

NUMBER

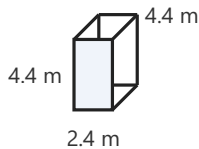
HOW TO ANSWER TODAY

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

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

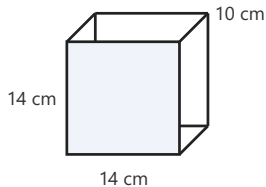
STRETCH PROBLEMS

1



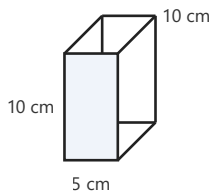
The PE store room at Niamh's school is a cuboid that measures **2.4 m** long, **4.4 m** wide and **4.4 m** high. The caretaker wants to know how much space is inside before stacking new mats. What is the volume of the store room?

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



Saoirse is wrapping a gift box at the after-school crafts club. The box is a cuboid that measures **5 cm** long, **10 cm** wide and **10 cm** high. What is the volume of the box?