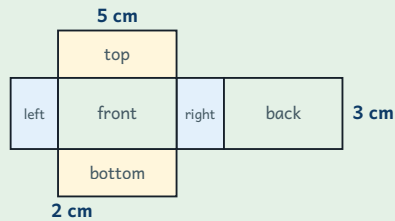


Volume of cubes and cuboids

WHAT THIS LESSON TEACHES

Volume is the space inside a solid: **length × width × height**, measured in cubic units.



→ A $5 \times 3 \times 2$ cuboid holds $5 \times 3 \times 2 = 30 \text{ cm}^3$.

MODEL THIS ON THE BOARD

FIND THE VOLUME OF A 5 CM × 3 CM × 2 CM CUBOID

- ① Volume = **length × width × height**.
- ② $5 \times 3 \times 2 = 30 \text{ cm}^3$.

ANSWER KEY

W1: 144 cm^3

W2: 48 cm^3

Q1: 780 cm^3

Q2: 500 cm^3

Q3: 22.2 m^3

Q4: 46.464 m^3

EXTENSION SHEET · STRETCH ANSWERS

S1: 48.951 m^3

S2: 1960 cm^3

S3: 792 cm^3