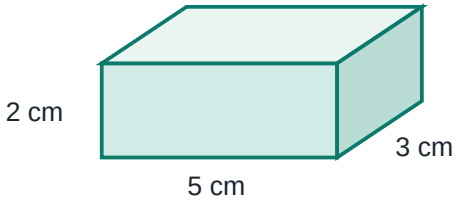
Volume of a cuboid worksheet

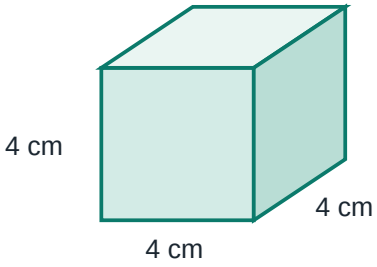
Years 5 and 6. Volume = length × width × height. Write your answers in cm³.

Name: _____ Date: _____

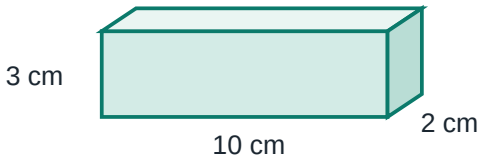
Part A. Find the volume of each cuboid in cm³.



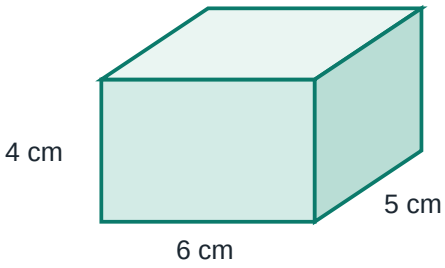
Volume = _____



Volume = _____

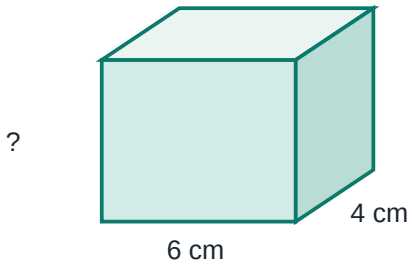


Volume = _____

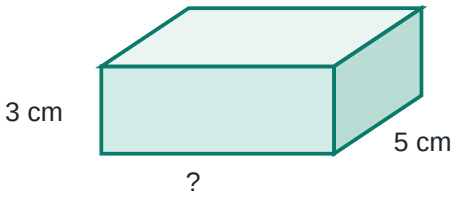


Volume = _____

Part B. Missing lengths.



Volume 120 cm³. ? = _____



Volume 120 cm³. ? = _____

Part C. Problems.

1. A box is 20 cm long, 10 cm wide and 5 cm high. What is its volume?

_____

2. How many 1 cm cubes fill a cube with 3 cm edges?

_____

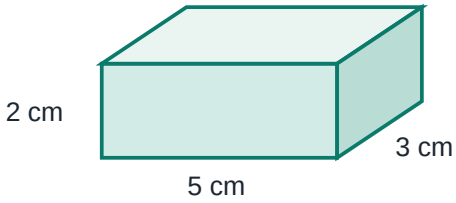
3. A fish tank is 50 cm by 30 cm by 40 cm. What is its volume? (1,000 cm³ = 1 litre)

_____

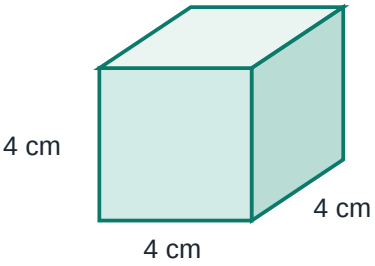
Answer key: Volume of a cuboid

Answers to every question on page 1.

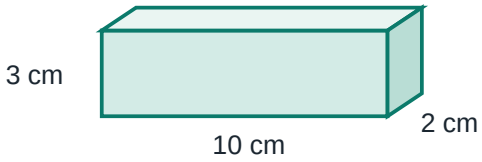
Part A. Find the volume of each cuboid in cm³.



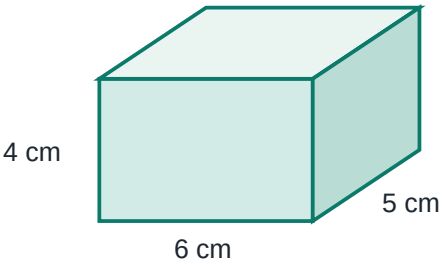
Volume = **30 cm³**



Volume = **64 cm³**

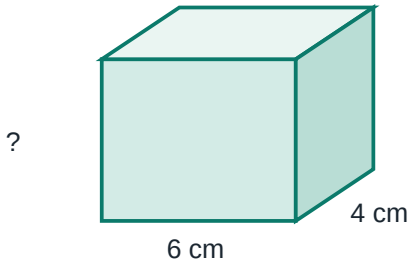


Volume = **60 cm³**

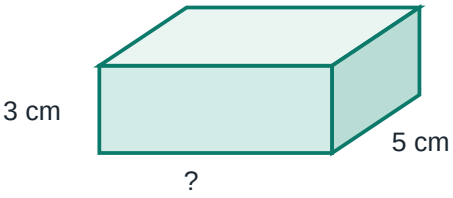


Volume = **120 cm³**

Part B. Missing lengths.



Volume 120 cm³. ? = **5 cm**



Volume 120 cm³. ? = **8 cm**

Part C. Problems.

1. A box is 20 cm long, 10 cm wide and 5 cm high. What is its volume?

1,000 cm³

2. How many 1 cm cubes fill a cube with 3 cm edges?

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3. A fish tank is 50 cm by 30 cm by 40 cm. What is its volume? (1,000 cm³ = 1 litre)

60,000 cm³ = 60 litres