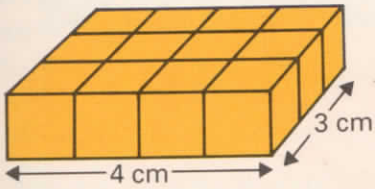
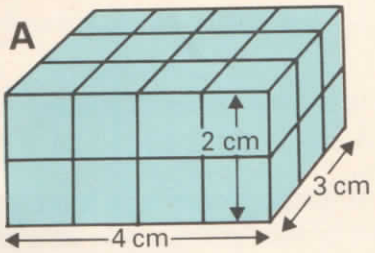
Volume of a cuboid

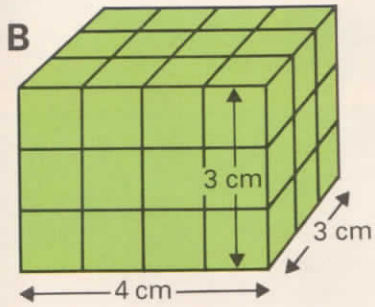


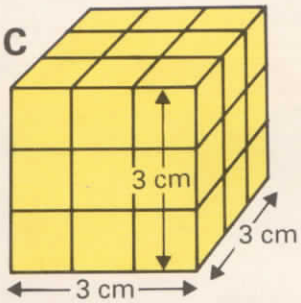
This cuboid is built with **one** layer of centimetre cubes.
There are 4 cubes in each row and 3 rows.
Its volume is $4 \times 3\ cm^3 = 12\ cm^3$

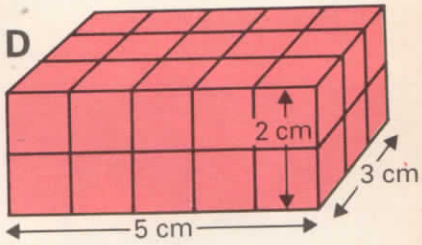
This cuboid is built with **two** layers.
The volume of one layer is
$4 \times 3\ cm^3$
The volume of the **whole** cuboid is
$4 \times 3\ cm^3$ multiplied by 2
or $4 \times 3 \times 2\ cm^3 = 24\ cm^3$



1 The cuboids **B**, **C**, and **D** are built from centimetre cubes.







Copy and complete the table.

Cuboid	Number of cubes in a row	Number of rows	Number of layers	Volume in cm^3
A	4	3	2	$4 \times 3 \times 2 = 24$
B				
C				
D				

↑ length in cm (l) ↑ breadth in cm (b) ↑ height in cm (h) ↑ volume in cm^3 (V)

For every cuboid $V = l \times b \times h$

2 Find the volume, in cm^3, of each of these gift boxes.