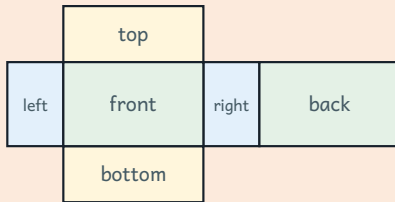


PARTS OF A BUILDING CUBE

- 1 Tap every flat side of the cube you are building: count **6** faces.
- 2 Trace each line where two faces join: count **12** edges.
- 3 Touch each pointy tip where edges meet: count **8** corners.

WARM-UP

Look at the net of the cuboid, then colour and count its parts.



1. Colour all 6 faces of the net.
2. When the net folds into a cuboid, write how many edges it has: ____
3. Write how many corners the cuboid has: ____

PRACTICE

- 1 Sam is making a wooden dice for a building game and needs to count its flat sides before painting.
How many faces does a cube have?
- 2 While gluing a cube block for a model house, Mia runs her finger along every join line to count them.
How many edges does a cube have?
- 3 Tom builds a brick-shaped box for his fort and checks how many pointy tips it has.
How many corners does a cuboid have?
- 4 Ava rolls out a tube shape for a tower and wonders how many surfaces it has in total.
How many faces does a cylinder have?
- 5 Ben makes a party hat roof for his cardboard castle and counts the lines where surfaces meet.
How many edges does a cone have?

SPOT THE MISTAKE

Cian counts the parts of a cube like this:

faces = 6
edges = 8
corners = 12

Cian mixed up two of the counts. What are the correct numbers for a cube?

IRISH FACT Counting the parts of a dice

A standard dice is a **cube** — it has **6** square faces, **12** edges and **8** corners, the same on every dice used in Irish classrooms.

Common classroom equipment



REFLECT When you count faces, edges and corners, which do you find trickiest?

