

NAMING A SOLID

- 1 Look at the solid and count its faces.
- 2 A dice has six flat square faces so it is a **cube**.
- 3 A tin has two flat circles and a curved side so it is a **cylinder**.

 WARM-UP

Write each solid name in the empty cell that matches its faces.

	Can roll	Cannot roll
Curved surface		
All flat faces		

1. Write dice (cube) in the correct cell.
2. Write cereal box (cuboid) in the correct cell.
3. Write football (sphere) in the correct cell.

 PRACTICE

- 1 In the making corner a pupil holds a dice. What 3D shape is it?
- 2 A builder uses a cereal box as a model house. What 3D shape is the box?
- 3 During building play a child kicks a football. What 3D shape rolls every way?
- 4 On the building table a tin of beans and an ice-cream cone sit ready. Which one rolls and which one only slides?

ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. A cube always has six flat square faces. ☐
- b. A sphere sometimes rolls in one direction only. ☐
- c. A cylinder always has two flat circle faces. ☐
- d. A cuboid sometimes looks like a box. ☐

REFLECT

Which 3D shapes roll and which slide — how can you tell before you try?