Solid-object features

6 practice questions

1. Name a solid with six equal square faces.

All six faces of a cube are equal squares.

Answer: Cube

2. How many flat faces does a sphere have?

Its surface is curved everywhere.

Answer: 0

3. How many flat circular faces does a cylinder have?

One is at each end.

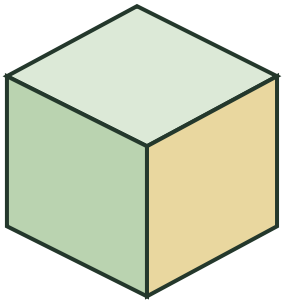
Answer: 2

4. Name a real object shaped approximately like a cylinder.

A tin has circular ends and a curved side.

Answer: Example: a food tin.

5. A drawing shows three cube faces. Does the cube have only three faces? Explain.



Three flat faces are visible.

Count the top, bottom and four side faces.

Answer: No. It has six faces; three are hidden from this view.

6. Give one shape difference between a cube and a sphere.

Describe a shape feature rather than a colour or size.

Answer: A cube has flat square faces and corners; a sphere has a curved surface and no corners.