

Naming and sorting 2D and 3D shapes

MODULE 6 · 2D AND 3D SHAPE, ANGLES, SYMMETRY SHAPE & SPACE

HOW TO ANSWER TODAY

- **Name a 3D shape.** Count faces (flat surfaces), edges (where two faces meet), vertices (corners). Match to the shape.
- **Name a 2D shape.** Count sides, check which are equal, count right angles, check parallel pairs. Then name it.

4 equal sides, 0 right angles → rhombus · 4 sides, 1 pair parallel → trapezium

★ STRETCH PROBLEMS

- 1 Aoife picks up a solid wooden block from the maths table in 5th class. The block has 5 faces, 9 edges and 6 vertices, with 2 triangular faces and 3 rectangular faces. What shape is it?
- 2 Méabh is making a 3D shapes corridor display for 5th class. One of her models has 5 faces, 8 edges and 5 vertices, with 1 square base and 4 triangular faces meeting at one apex. What shape is the model?
- 3 Cian is sorting the solid shapes on the maths table. One shape has 3 faces, 2 edges and 0 vertices, with 2 circular faces and 1 curved surface. What shape is it?
- 4 Tadhg is painting a banner for the GAA finals day at the local pitch. The banner has 4 sides, with 1 pair of parallel sides and the other 2 sides equal in length. Which 2D shape is the banner?
- 5 Tadhg is making a homemade Snakes and Ladders board for 5th class. He draws a special tile in the middle that has 6 equal sides and 6 equal angles. What 2D shape is the tile?

