

3D shapes – nets and building models

MODULE 7 · 2D AND 3D SHAPES AND ANGLES 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.

5 faces, 9 edges, 6 vertices → triangular prism



STRETCH PROBLEMS

- 1 In art class, Oisín makes a net from two circles and one rectangle for the school summer fair display. Which 3D shape does his net fold up into?
- 2 Aoife is making party hats for the school summer fair. She cuts out one circle and one curved sector to fold up each hat. Which 3D shape does this net fold up into?
- 3 For Engineers Week, 4th class cut out card nets in the woodwork room. Fionn's net is made of four equal triangles. Which 3D shape does it fold up into?
- 4 In the school robotics club, Oisín cuts out a card net made of one square and four triangles to make a housing for his robot. Which 3D shape does the net fold up into?
- 5 For Seachtain na Gaeilge, Oisín folds up a card net to make a display box for the class door. The net is made of six rectangles in three matching pairs. Which 3D shape does it fold up into?

