

Classifying quadrilaterals – square, rectangle, rhombus, parallelogram and trapezium

MODULE 7 · 2D AND 3D SHAPES AND ANGLES SHAPE & SPACE

HOW TO ANSWER TODAY

- **Name a 2D shape.** Count sides, check which are equal, count right angles, check parallel pairs. Then name it.

★ STRETCH PROBLEMS

- 1 Oisín cuts out a coloured shape to decorate the class door for Seachtain na Gaeilge. His shape has **4** sides with **2** pairs of parallel sides and **0** right angles, and no two equal sides next to each other. Which 2D shape has Oisín made?
- 2 Cian is cutting shapes for the corridor display in 4th class. He picks a 2D shape with **4** sides arranged as **2** pairs of equal sides next to each other. Which shape is he holding?
- 3 Cian spots the shape of a road sign near the school pitch that has **8** equal sides and **8** equal angles. Which 2D shape has these properties?
- 4 Cian is painting shape tiles onto the yard beside the giant chess board. One tile has **5** equal sides and **5** equal angles. Which 2D shape is it?
- 5 For his art lesson, Oisín is drawing new floor tiles for the school yard. Each tile has **6** equal sides and **6** equal angles. Which 2D shape is Oisín drawing?

● INVESTIGATE

Quadrilateral spotter

Hunt around the classroom and school for **four-sided** shapes. Sketch at least six you find and name each one (square, rectangle, rhombus, parallelogram or trapezium). For each, write what made you sure — equal sides, parallel sides, or right angles.
