

Classifying triangles and quadrilaterals by properties

MODULE 7 · 2D SHAPE, 3D SHAPE AND ANGLES REVIEW

HOW TO ANSWER TODAY

- **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 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?

- 2 At the after-school crafts club, Oisín is cutting fabric panels for a kite. One panel has 3 sides with exactly 2 sides equal in length. What is the name of this 2D shape?

Which 2D shape has these properties: 3 sides with exactly 2 equal sides?

- 3 Eoin is sketching a flowerbed for the 5th class school garden. He wants the flowerbed to have 4 sides with exactly 1 pair of parallel sides. Which 2D shape should he draw?

Which 2D shape has these properties: 4 sides with exactly 1 pair of parallel sides?