Regular and irregular polygons — pentagon, hexagon and octagon

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

STRETCH PROBLEMS

1. Tadhg helps build a wooden name-sign for the school garden raised beds. The sign has **3** sides with exactly **2** equal sides. Which 2D shape is the sign?

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

2. For an art lesson, Aoife is making a scale drawing of the school yard. She sketches a flower bed that has **4** sides with **2** pairs of equal length and **4** right angles. Which 2D shape is the flower bed?

   > Which 2D shape has these properties: 4 sides with 2 pairs of equal length and 4 right angles?