2D shapes — sides, vertices and naming

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

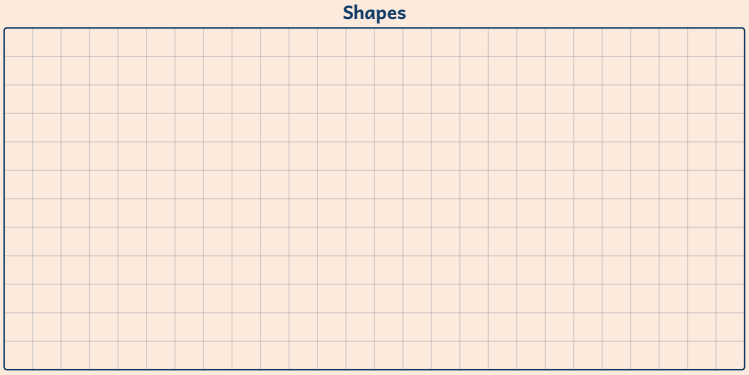
HOW TO ANSWER TODAY

- **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
- **Classify an angle.** Acute < 90° · right = 90° · obtuse 90°–180° · straight = 180° · reflex > 180°.
  75° → acute · 120° → obtuse · 220° → reflex

TRY IT ON THE LINE

Use the squared space to draw shapes and find their perimeter and area.

Shapes



1. Draw each rectangle from the lesson on the squares.
2. Find the perimeter by adding the side lengths.
3. Find the area by counting the squares inside.

PRACTICE

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?