

Angles in shapes

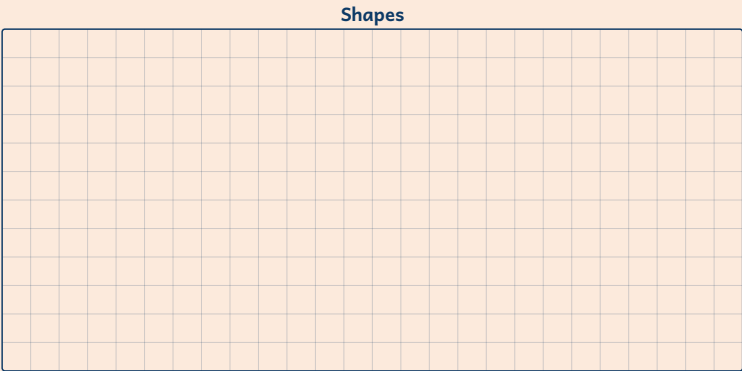
MODULE 7 · 2D AND 3D SHAPES AND ANGLES SHAPE & SPACE

HOW TO ANSWER TODAY

- **Classify an angle.** Acute $< 90^\circ$ · right = 90° · obtuse $90^\circ\text{--}180^\circ$ · straight = 180° · reflex $> 180^\circ$.
75° → acute · 120° → obtuse · 220° → reflex
- **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
- **Polygon perimeter.** Regular = all sides equal. Perimeter = number of sides × side length.
Regular pentagon, side 4 cm → $5 \times 4 = 20$ cm

TRY IT ON THE LINE

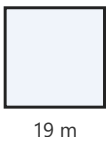
Use the squared space to draw shapes and find their perimeter and area.



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



Cara is drawing the school yard for her art lesson. The yard is a square with sides of 19 m. What is the perimeter of the yard?

2

Oisín makes a round spinner for a maths game in 3rd class. The spinner has a radius of 5 cm. Fill in: the diameter of the spinner is ____ cm.