

Perimeter – the distance around a shape (add the sides)

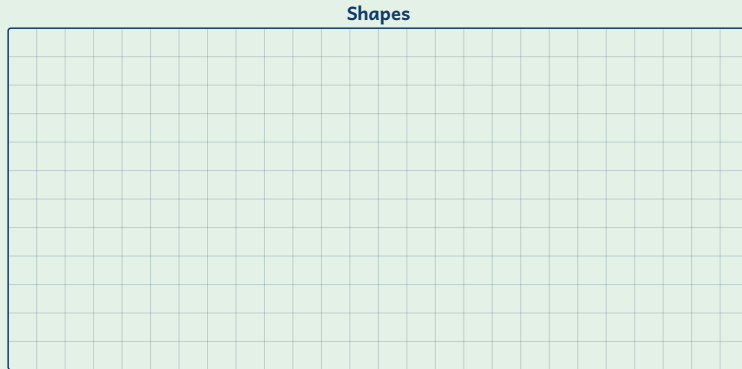
MODULE 5 · AREA, PERIMETER AND VOLUME MEASURES

HOW TO ANSWER TODAY

- **Polygon perimeter.** Regular = all sides equal. Perimeter = number of sides × side length.
Regular pentagon, side 4 cm → $5 \times 4 = 20$ cm
- **Perimeter.** Perimeter is the distance ALL the way round. Rectangle: (length + width) × 2.
12 m by 8 m → $(12 + 8) \times 2 = 40$ m

TRY IT ON THE LINE

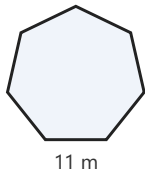
Use the squared space to draw shapes and find their perimeter and area.



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



Mr Ó Briain marks out a regular heptagon on the yard for a mini athletics drill. Each of its **7** sides is **11 m** long. What is the perimeter of the shape?

2



4th class are putting a green, white and orange border around the school garden for Seachtain na Gaeilge. The rectangular garden measures **39 m** by **14 m**. What length of border do they need to go all the way around?