

Comparing area and perimeter – an investigation

MODULE 5 · AREA, PERIMETER AND VOLUME MEASURES

HOW TO ANSWER TODAY

- **Perimeter.** Perimeter is the distance ALL the way round. Rectangle: $(\text{length} + \text{width}) \times 2$.
 $12 \text{ m by } 8 \text{ m} \rightarrow (12 + 8) \times 2 = 40 \text{ m}$
- **Area.** Area = length $\times$ width. Write the answer in square units (cm^2 , m^2).
 $5 \text{ m} \times 3 \text{ m} \rightarrow 15 \text{ m}^2$

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.

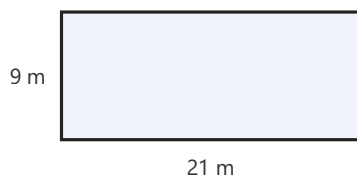
PRACTICE

1



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?

2



4th class are marking out a rectangular vegetable plot in the school garden. The plot measures **21 m** by **9 m**. What is the area of the plot?