

# Perimeter of rectangles and regular shapes

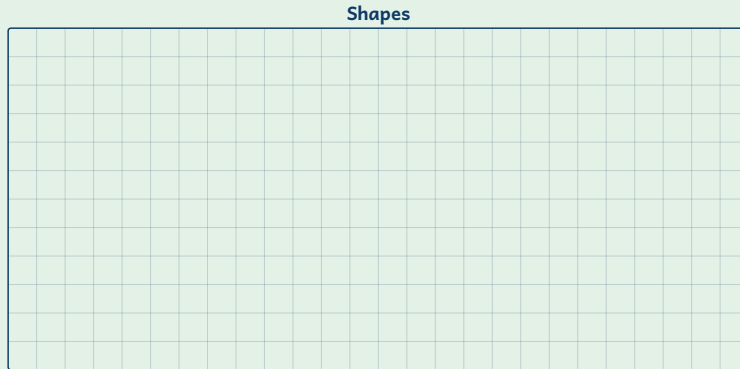
MODULE 5 · AREA, PERIMETER AND VOLUME MEASURES

### HOW TO ANSWER TODAY

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

### TRY IT ON THE LINE

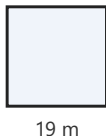
Use the squared space to draw shapes and find their perimeter and area.



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.

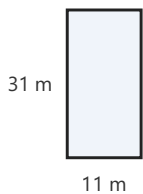
### PRACTICE

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



the class are laying out a rectangular vegetable patch in the school garden. The patch measures **11 m** by **31 m**. What length of fencing is needed to go all the way around the patch?