

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

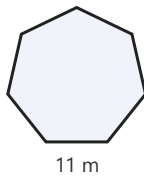
★ STRETCH PROBLEMS

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



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?