

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

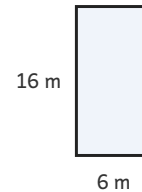
MODULE 5 · AREA, PERIMETER AND VOLUME MEASURES

HOW TO ANSWER TODAY

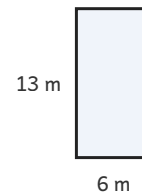
- **Perimeter.** Perimeter is the distance ALL the way round. Rectangle: $(\text{length} + \text{width}) \times 2$.
12 m by 8 m $\rightarrow (12 + 8) \times 2 = 40$ m
- **Polygon perimeter.** Regular = all sides equal. Perimeter = number of sides $\times$ side length.
Regular pentagon, side 4 cm $\rightarrow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

★ STRETCH PROBLEMS

- 1 The 4th class garden plot measures **6 m** by **16 m**. Cian is putting a low fence around the edge to keep the footballs out. What length of fencing does he need to go all the way around?



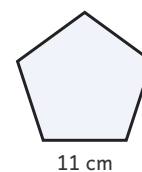
- 2 The school garden club is building a rectangular vegetable bed that measures **6 m** by **13 m**. They want to put a wooden edge all the way around it. What is the perimeter of the bed?



- 3 Oisín cuts a square photo of the school orchard to pin on the noticeboard. Each side of the photo measures **9 cm**. What is the perimeter of the photo?



- 4 Oisín draws a regular pentagon on grid paper for the school garden bed. Each of its **5** sides is **11 cm** long. What is the perimeter of his pentagon?



- 5 3rd class are marking out a rectangular pitch for the school sports day. The pitch measures **20 m** along one side and **13 m** along the other. What is the perimeter of the pitch?

