

FENCING A GARDEN PLOT

- 1 The rectangular garden is 6 m long and 4 m wide.
- 2 Add every side as you walk right around the edge.
- 3 Write the sum $6 + 4 + 6 + 4$.
- 4 First $6 + 4 = 10$, then $10 + 6 = 16$, then $16 + 4 = 20$.
- 5 You need 20 m of fencing.

WARM-UP

The page shows a rectangle, a square and an L-shape ready for side labels.

	$\times 8$
5	40

Total: $40 = 40$

1. Write 5 m, 3 m, 5 m and 3 m on the four sides of the rectangle and add them
2. Label each side of the square 5 m and write the sum $5 + 5 + 5 + 5$
3. Mark the L-shape sides 10 m, 6 m, 4 m, 2 m, 6 m and 4 m then add all six

PRACTICE

- 1 You build a **9 m** by **11 m** rectangular wooden frame for a class notice board. How much wood do you need to go right around the edge?
- 2 You stretch the same frame into a **7 m** by **2 m** rectangle for a longer display. Add all four sides to find the new perimeter of wood needed.
- 3 You put fairy lights right around a **12 m** by **9 m** rectangular garden bed you are building. How many metres of lights do you buy?
- 4 You build a larger **8 m** by **5 m** rectangular play frame. Find the total length of skirting board by adding every side.
- 5 An L-shaped room you are fitting has six wall lengths **13 m**, **12 m**, **1 m**, **1 m**, **12 m** and **11 m**. Add all six sides to find how much skirting board is needed.

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. The perimeter of a rectangle is found by adding all four of its sides
- b. A 6 m by 4 m rectangle and a 5 m square have the same perimeter
- c. You only add the two longer sides to find a rectangle perimeter
- d. The perimeter of a shape is the same as its area

IRISH FACT A GAA pitch is bigger than you think

A senior GAA pitch measures up to **145 m × 90 m** — that's a perimeter of **470 m**, longer than four full laps of an athletics-track straight.

GAA Official Guide

