YEAR 6 · MEASUREMENT

Calculating Perimeter and Area

Name: _____ Date: _____

USEFUL FORMULAE	Rectangle	Square	Remember
	Area = length × width Perimeter = 2 × (length + width)	Area = side × side Perimeter = 4 × side	Area is measured in square units.

1 Calculate the perimeter and area. Include the correct units.

RECTANGLE

Length: **9 cm** Width: **4 cm**

Perimeter _____

Area _____

SQUARE

Each side is **6 m**.

Perimeter _____

Area _____

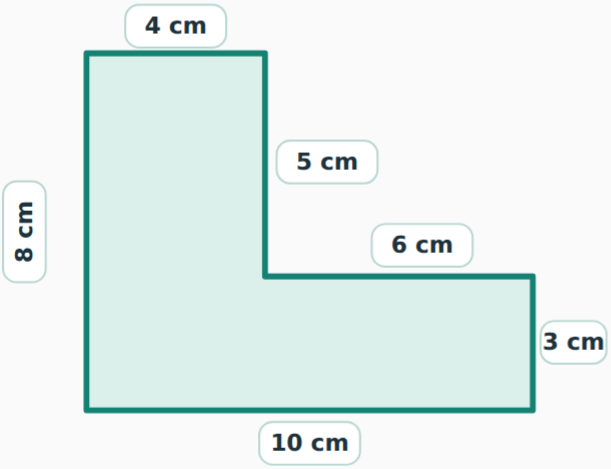
2 Solve the garden problem.

A rectangular school garden is **12 m** long and **7 m** wide.
How much edging is needed to go all the way around it?
What is the area of the garden?

Edging needed: _____

Garden area: _____

3 Find the area and perimeter of this compound shape.



All lengths are shown in centimetres. Split the shape into rectangles to help you find its area. For the perimeter, use the outside edges only.

WORKING

Area: _____

Perimeter: _____

4 Challenge: work backwards.

A rectangular poster has an area of **54 cm²** and a width of **6 cm**.
Find its length, then calculate its perimeter.

Length: _____

Perimeter: _____

Check: perimeter uses units such as cm or m; area uses square units such as cm² or m².