

Area of rectangles and compound shapes

MODULE 5 · MEASURES — LENGTH, AREA, VOLUME, MASS AND CAPACITY

MEASURES

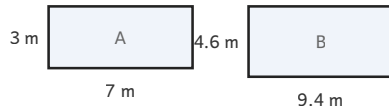
HOW TO ANSWER TODAY

- **L-shape area.** Split the L into two rectangles. Find each area. Add them.
- **Area.** Area = length $\times$ width. Write the answer in square units (cm^2 , m^2).

$$5 \text{ m} \times 3 \text{ m} \rightarrow 15 \text{ m}^2$$

★ STRETCH PROBLEMS

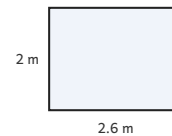
1



Aoife helps plan an L-shaped flowerbed for the school garden. It is made from two rectangles measuring **7.0 m** by **3.0 m** and **9.4 m** by **4.6 m**. What is the total area?

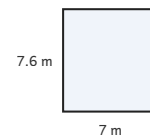
2

Cian marks out a rectangular vegetable patch in the school garden. It measures **2.6 m** by **2.0 m**. What is the area of the patch?



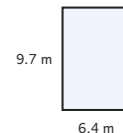
3

Cian is making a scale drawing of the school garden for art class. The rectangular flower bed measures **7.0 m** by **7.6 m**. What is its area?



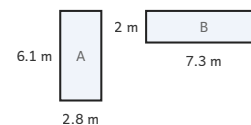
4

Saoirse's 6th class are marking out a rectangular area in the yard where every group will test its STEM week model bridge. The area measures **6.4 m** by **9.7 m**. What is its area?



5

6th class mark out an L-shaped wall-ball court on the yard from two rectangles. One measures **2.8 m** by **6.1 m** and the other measures **7.3 m** by **2.0 m**. What is the total area of the court?



● INVESTIGATE

Design a classroom

Sketch a plan for a rectangular classroom. Mark a reading corner, desks and a teacher's area. Work out the **area** of each region and check they add to the whole room.
