

Area of rectangles and compound shapes

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

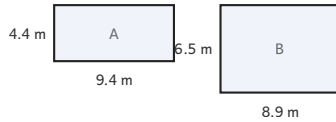
MEASURES

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).

★ STRETCH PROBLEMS

1



5th class are marking out an L-shaped vegetable plot in the school orchard using two rectangles joined together. The first rectangle measures **9.4 m** by **4.4 m**, and the second measures **8.9 m** by **6.5 m**. What is the total area of the plot?

2

5th class are marking out a rectangular vegetable patch in the school garden for Science Week. The patch measures **8.9 m** by **3.9 m**. What is the area of the vegetable patch?



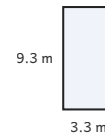
3

5th class are painting a rectangular banner to hang on the clubhouse wall for the GAA county finals day. The banner measures **3.3 m** by **7.3 m**. What is its area?



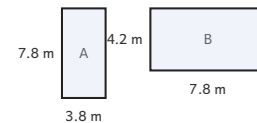
4

5th class are planning a new rectangular flowerbed in the school garden. The flowerbed will measure **3.3 m** by **9.3 m**. What will its area be?



5

5th class are designing an L-shaped reading corner on the school library floor. The corner is made from two rectangles of carpet tiles: one piece is **3.8 m** by **7.8 m**, and the other piece is **7.8 m** by **4.2 m**. What is the total floor area of the reading corner?



● 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.
