

Estimating and measuring the area of irregular shapes

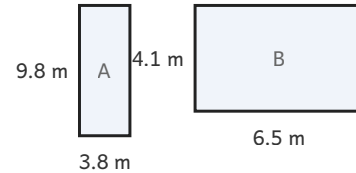
MODULE 5 · MEASURES — LENGTH, AREA, VOLUME, MASS AND CAPACITY MEASURES

HOW TO ANSWER TODAY

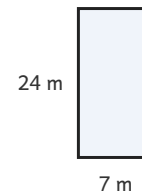
- **L-shape area.** Split the L into two rectangles. Find each area. Add them.
- **Area.** Area = length $\times$ width. Write the answer in square units (cm^2 , m^2).

★ STRETCH PROBLEMS

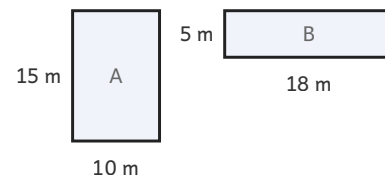
- 1 5th class are drawing a scale plan of the new L-shaped vegetable patch in the school yard. The patch is made from two rectangular sections joined together: one section measures **3.8 m** by **9.8 m** and the other measures **6.5 m** by **4.1 m**. What is the total area of the vegetable patch?



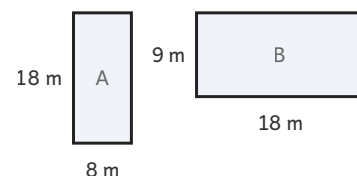
- 2 Liam is helping to mark out a rectangular section of the school yard for the summer fair stalls. The section measures **7 m** by **24 m**. What is its area?



- 3 5th class are marking out an L-shaped garden plot in the school yard for Seachtain na Gaeilge. The plot is made from two rectangles joined together: one rectangle is **10 m** by **15 m** and the other is **18 m** by **5 m**. What is the total area of the plot?



- 4 For Engineers Week, 5th class are designing an L-shaped vegetable plot in the school garden. The plot is made from two rectangles laid side by side: one measures **8 m** by **18 m**, and the other measures **18 m** by **9 m**. What is the total area of the plot?



- 5 5th class are marking out an L-shaped area on the school playing field for sports day games. The area is made from two rectangles joined together: one part is **8 m** by **15 m** and the other part is **9 m** by **9 m**. What is the total area marked out?

