

Measures problem-solving and review

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

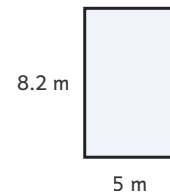
MEASURES

HOW TO ANSWER TODAY

- **Area.** Area = length $\times$ width. Write the answer in square units (cm^2 , m^2).
- **Read a ruler.** Each big mark = 1 cm = 10 mm. Each little mark = 1 mm.
- **Perimeter.** Perimeter is the distance ALL the way round. Rectangle: $(\text{length} + \text{width}) \times 2$.
12 m by 8 m $\rightarrow (12 + 8) \times 2 = 40$ m

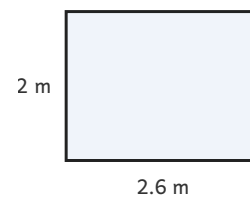
★ STRETCH PROBLEMS

- 1 For their school garden project, 6th class mark out a rectangular vegetable bed that measures **5.0 m** by **8.2 m**. What is the area of the bed?

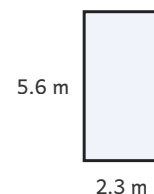


- 2 Saoirse measures a strip of card for the class noticeboard. The ruler reading sits **26 cm** and **4 mm** from the start of the ruler. What is the reading in cm?

- 3 Tadhg's dad is cutting a rectangular wooden base for the 6th class Engineers Week project. The base measures **2.6 m** by **2.0 m**. What is its perimeter?



- 4 For Engineers Week, Tadhg's group in 6th class are building a raised vegetable bed for the school garden. The rectangular bed measures **2.3 m** by **5.6 m**. What is its area?



- 5 6th class are marking out an L-shaped vegetable patch in the school garden from two rectangles. One rectangle measures **7.5 m** by **8.1 m** and the other measures **3.2 m** by **8.8 m**. What is the total area of the patch?

