Lesson 50

Area of rectangles

MODULE 4 · MEASURES — LENGTH, MASS, CAPACITY, AREA, VOLUME MEASURES

Area is the space inside a shape. For a rectangle, multiply the **length** by the **width**: Area = l × w.

→ A 5 cm by 3 cm rectangle has area 5 × 3 = **15 cm²**.

→ A 2.5 m by 4 m rectangle has area 2.5 × 4 = **10 m²**.

FIND THE AREA OF A 5 CM BY 3 CM RECTANGLE

1. Area = length × width.
2. Area = 5 × 3 = 15.
3. Don't forget the units: cm × cm = **cm²** (square centimetres).
4. Answer: **15 cm²**.

HOW TO ANSWER TODAY

- **Area.** Area = length × width. Write the answer in square units (cm², m²).
  5 m × 3 m → 15 m²

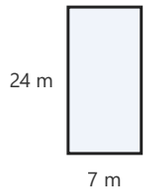
TRY IT ON THE LINE

For each rectangle, multiply length × width to get the area. The picture splits the rectangle into unit squares to show why.

1. Above: 6 × 4 rectangle. Area = 6 × 4 = _____ cm²
2. A **5 × 8** rectangle. Area = _____ cm²
3. A **10 × 7** rectangle. Area = _____ cm²
4. A **3.5 × 4** rectangle. Area = _____ cm² (decimal!)

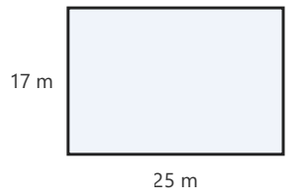
PRACTICE

1



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?

2



5th class are marking out a rectangular running track on the school field for sports day. The track measures **25 m** by **17 m**. What is the area inside the track?