

Area of rectangles

WHAT THIS LESSON TEACHES

Area is the space inside a shape. For a rectangle, multiply the **length** by the **width**: $\text{Area} = l \times w$.

→ A 5 cm by 3 cm rectangle has area $5 \times 3 = 15 \text{ cm}^2$.

→ A 2.5 m by 4 m rectangle has area $2.5 \times 4 = 10 \text{ m}^2$.

MODEL THIS ON THE BOARD

FIND THE AREA OF A 5 CM BY 3 CM RECTANGLE

- 1 Area = length $\times$ width.
- 2 Area = $5 \times 3 = 15$.
- 3 Don't forget the units: $\text{cm} \times \text{cm} = \text{cm}^2$ (square centimetres).
- 4 Answer: **15 cm^2** .

ANSWER KEY

a) $6 \times 4 = 24 \text{ cm}^2$.

Q1: 168 m^2

b) $5 \times 8 = 40 \text{ cm}^2$.

Q2: 425 m^2

c) $10 \times 7 = 70 \text{ cm}^2$.

Q3: 24.09 m^2

d) $3.5 \times 4 = 14 \text{ cm}^2$.

Q4: 34.71 m^2

EXTENSION SHEET · STRETCH ANSWERS

S1: 30.69 m^2

S3: 189 m^2

S2: 119 m^2