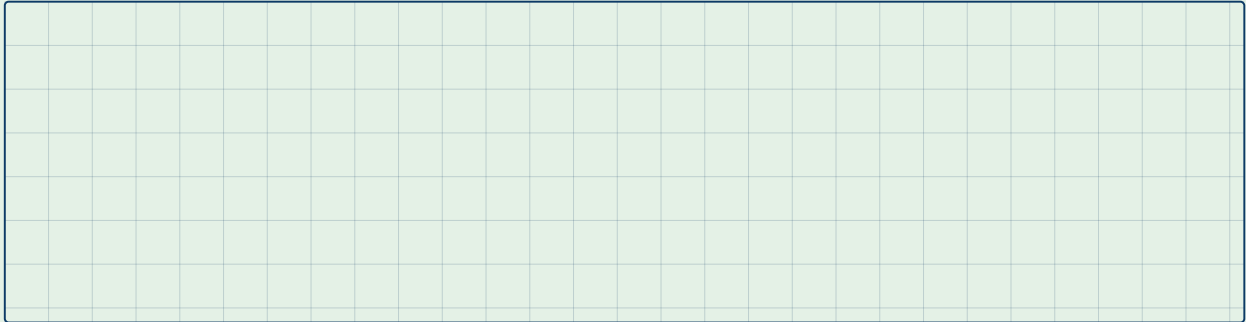


FINDING THE AREA

- 1 Name the base **10 cm** and the perpendicular height **6 cm**.
- 2 Multiply to find the rectangle area: $10 \times 6 = 60$.
- 3 Take half to find the triangle area: $60 \div 2 = 30 \text{ cm}^2$.

WARM-UP

Use the squared paper to draw and label each triangle then calculate its area.



1. Draw a triangle with base 8 cm and height 3 cm and find the area.
2. Draw a triangle with base 12 cm and height 5 cm and find the area.
3. Draw a triangle with base 14 cm and height 4 cm and find the area.

PRACTICE

- 1 A builder cuts a triangular piece of wood with a **9 cm** base and **4 cm** straight-up height. What is its area?
- 2 A maker builds a triangular roof section on an **11 cm** base with **4 cm** height. What is its area?
- 3 A builder creates a leaning triangular support with base **7 cm** and straight-up height **8 cm**. What is its area?

SPOT THE MISTAKE

Ella finds the area of a triangle with base 8 cm and height 5 cm:

$$\begin{aligned}\text{Area} &= \text{base} \times \text{height} \\ \text{Area} &= 8 \times 5 = 40 \text{ cm}^2\end{aligned}$$

Find Ella's mistake. What is the correct area?

The mistake _____ Correct answer