

PERIMETER OF A RECTANGLE

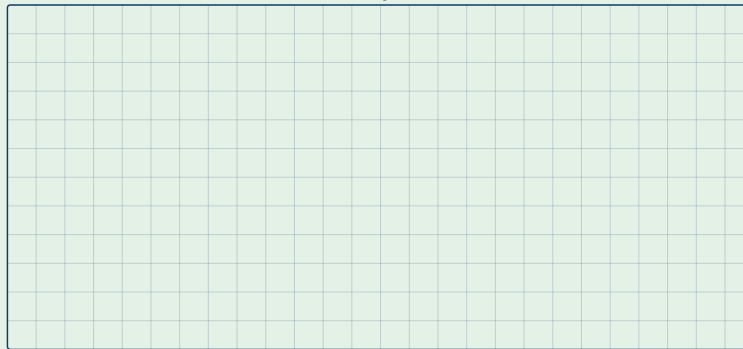
- 1 A rectangular shelf is **40** cm long and **25** cm wide.
- 2 A rectangle has four sides: **40** cm, **25** cm, **40** cm and **25** cm.
- 3 Add every side: $40 + 25 + 40 + 25 = 130$.

$$\begin{array}{r} 40 \\ 25 \\ 40 \\ + 25 \\ \hline 130 \end{array}$$

WARM-UP

Use the squared paper to draw each shape, label every side, then add the sides for the perimeter.

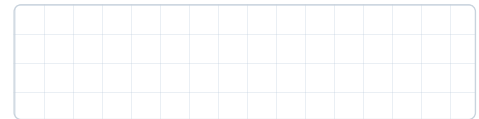
Shapes



1. Draw a rectangle with sides 20 cm and 12 cm, label all four sides, then add $20 + 12 + 20 + 12$ and write perimeter = ____ cm.
2. Draw a triangle with sides 18 cm, 24 cm and 15 cm, label each side, then add $18 + 24 + 15$ for the perimeter.
3. Draw an L-shape with sides 40, 25, 15, 10, 25 and 15 cm, label all six sides, then add them all for the perimeter.

PRACTICE

- 1 Sam builds a rectangular tray that is **20 cm** long and **12 cm** wide. What is the perimeter of the tray in centimetres?



SPOT THE MISTAKE

Cian finds the perimeter of a rectangle 6 cm long and 4 cm wide like this:

$$6 + 4 + 6 = 16 \text{ cm}$$

Cian is wrong. What did he forget? What is the correct perimeter?

REFLECT

For rectangles, did you add all four sides or double the length-plus-width? Which felt clearer?