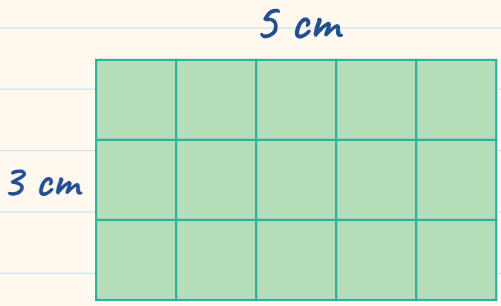
Perimeter and area

Measurement · VC2M4M02

Perimeter goes around the edge. Area covers the inside.



Around: 16 cm

Inside: 15 cm^2

Each small square is 1 cm × 1 cm.

☆ Perimeter: add every outside side

A rectangle is 5 cm long and 3 cm wide.

Perimeter = 5 + 3 + 5 + 3 = 16 cm.

Trace the outside only; do not count internal joining edges.

☆ Area: cover the inside

Rectangle area = length × width: 5 × 3 = 15 cm^2.

This is 3 rows of 5 one-centimetre squares.

Equal square tiles must cover without gaps or overlaps.

☆ Find a side or make a shape

Missing width = area ÷ length: 15 ÷ 5 = 3 cm.

An area of 12 squares can be 3 × 4 or 2 × 6.

The same area can have different perimeters.

☆ Estimate an irregular shape

Follow a curved edge with string, then measure it.

Count full grid squares; combine partly covered squares.

4 full squares + 2 half squares ≈ 5 square units.

Remember...

Perimeter uses cm or m; area uses cm^2 or m^2.

Informal units work too: equal steps around or equal tiles inside.