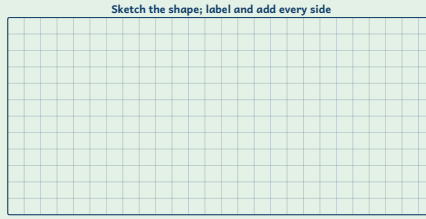


Perimeter of regular and irregular shapes

Perimeter is the total distance all the way around a shape — add up every side.



- A 6 cm by 4 cm rectangle has perimeter $6 + 4 + 6 + 4 = 20$ cm.
- For a regular shape, perimeter = one side \times number of sides.

FIND THE PERIMETER OF A 7 CM BY 4 CM RECTANGLE

- 1 Add all four sides: $7 + 4 + 7 + 4$.
- 2 = **22 cm** (or $2 \times (7 + 4) = 22$).

HOW TO ANSWER TODAY

- **Polygon perimeter.** Regular = all sides equal. Perimeter = number of sides \times side length.
Regular pentagon, side 4 cm $\rightarrow 5 \times 4 = 20$ cm
- **Perimeter.** Perimeter is the distance ALL the way round. Rectangle: (length + width) \times 2.
12 m by 8 m $\rightarrow (12 + 8) \times 2 = 40$ m

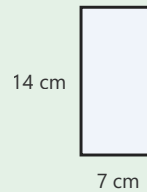
WARM-UP

1



5th class are building a small triangular raised bed for herbs in the school garden. Each of the three equal sides of the bed measures **5 cm** on the plan drawing. What is the perimeter of the triangle on the plan?

2



Aoife draws a scale plan of her classroom desk on grid paper. The rectangle she draws measures **7 cm** by **14 cm**. What is the perimeter of the rectangle on her plan?