

Perimeter – adding sides up

MODULE 4 · MEASURES — LENGTH, MASS, CAPACITY, AREA, VOLUME NUMBER

Perimeter is the total distance all the way around the outside of a shape. Add the length of every side.

→ Rectangle 6 cm by 4 cm: $6 + 4 + 6 + 4 = 20$ cm.

→ Square with side 5 m: $5 \times 4 = 20$ m.

HOW TO ANSWER TODAY

- **Perimeter.** Perimeter is the distance ALL the way round. Rectangle: $(\text{length} + \text{width}) \times 2$.

12 m by 8 m → $(12 + 8) \times 2 = 40$ m

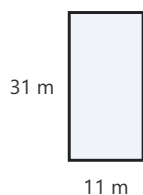
TRY IT ON THE LINE

Read each rectangle's length and width from the diagram, then add all four sides for the perimeter.

1. Above: 8×5 rectangle. Perimeter = $8 + 5 + 8 + 5 = \underline{\hspace{2cm}}$ (or $2 \times (8 + 5) = \underline{\hspace{2cm}}$)
2. A 12×4 rectangle. Perimeter = $\underline{\hspace{2cm}}$
3. A 6×6 square. Perimeter = $\underline{\hspace{2cm}}$
4. A 15×3 rectangle. Perimeter = $\underline{\hspace{2cm}}$

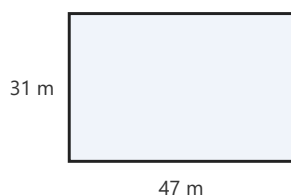
PRACTICE

1



5th class are fencing off a rectangular plot in the school orchard to grow apple trees. The plot measures **11 m** by **31 m**. What length of fencing do they need to go all the way around it?

2



The caretaker is marking out a rectangular junior GAA pitch on the school field for 5th class training. The pitch measures **47 m** along one side and **31 m** along the other. What length of rope is needed to mark all the way around the perimeter?