Lesson 49

Perimeter — adding sides up

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

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 × 4 = **20 m**.

HOW TO ANSWER TODAY

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

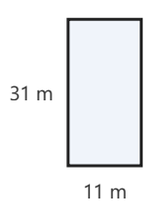
TRY IT ON THE LINE

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 = _____ (or 2 × (8 + 5) = _____)
2. A **12 × 4** rectangle. Perimeter = _____
3. A **6 × 6** square. Perimeter = _____
4. A **15 × 3** rectangle. Perimeter = _____

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



5th class are marking out a square running track on the GAA pitch for sports day. Each side of the square measures **19 m**. What is the perimeter of the track?