

## ANSWERS

# PERIMETER OF POLYGONS

**Instructions:** Find the perimeter of each shape below by adding the lengths of all its sides.

**Question 1:**

"A trapezoidal parking lot has two parallel sides of 45 m and 25 m, with the other two sides measuring 30 m and 20 m. What is the total perimeter of the parking lot?"

**Answer**

$$45+25+30+20=120\text{m}$$

**Question 2:**

"A rectangular sports court is 50 m long and 30 m wide. How much boundary tape is needed to outline the perimeter of the court?"

**Answer**

$$(50+30)\times 2=160\text{ m}$$

**Question 3:**

"An L-shaped garden has sides measuring 20 m, 15 m, 10 m, 10 m, and 5 m. What is the total perimeter of the garden if a fence is to be placed around it?"

**Answer**

$$20+15+10+10+5=60\text{m}$$

**Question 4:**

"A pentagon-shaped dog park has sides of 14 m, 18 m, 12 m, 15 m, and 10 m. How many meters of fencing are needed to enclose the park?"

**Answer**

$$14+18+12+15+10=69\text{m}$$

How Did You Do? 😊 😐 😞