

ANSWERS

PERIMETER OF POLYGONS

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

Question 1:

"A trapezoidal garden has two parallel sides measuring 18 m and 12 m, and the other two sides measuring 10 m each. What is the perimeter of the garden?"

**Answer**

$$18+12+10+10=50m$$

Question 2:

"A rectangular sports field has a length of 60 m and a width of 40 m. How many meters of boundary line would be needed to enclose the field?"

**Answer**

$$(60+40)\times 2=200m$$

Question 3:

"A hexagonal picnic area has each side measuring 14 m. If a decorative chain is to be placed around the area, how many meters of chain are needed?"

**Answer**

$$14\times 6=84m$$

Question 4:

"A pentagon-shaped pond has sides of 8 m, 10 m, 12 m, 11 m, and 9 m. What is the total perimeter if a walkway is to be built around it?"

**Answer**

$$8+10+12+11+9=50m$$

How Did You Do? 😊 😐 😞