

Name \_\_\_\_\_

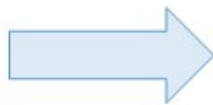
## ANSWERS

# PERIMETER OF POLYGONS

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

**Question 1:**

"An octagonal pavilion has each side measuring 6 m. If lights are to be hung around the pavilion, how many meters of lights are needed?"



Answer

$$6 \times 8 = 48\text{m}$$

**Question 2:**

"A hexagonal garden plot has each side measuring 12 m. What is the total perimeter if you want to place a border around it?"

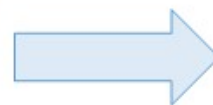


Answer

$$12 \times 6 = 72\text{m}$$

**Question 3:**

"A playground is designed in the shape of a pentagon, with sides measuring 8 m, 12 m, 9 m, 11 m, and 10 m. How many meters of fencing are required to enclose the playground?"

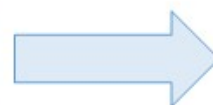


Answer

$$8 + 12 + 9 + 11 + 10 = 50\text{m}$$

**Question 4:**

"A triangular garden has sides measuring 20 m, 24 m, and 26 m. What is the perimeter if a path is to be built around the garden?"



Answer

$$20 + 24 + 26 = 70\text{ m}$$

How Did You Do? 😊 😐 😞