

# Calculating Perimeter of Polygons

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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**Instructions:** Calculate the perimeter of each polygon by adding the lengths of all sides. Remember: Perimeter = sum of all side lengths. Show your working.

## 1. Triangle with sides: 7 cm, 9 cm, 11 cm

Working: \_\_\_\_\_

Perimeter = \_\_\_\_\_ cm

## 2. Rectangle with length 12 m and width 8 m

Working: \_\_\_\_\_

Perimeter = \_\_\_\_\_ m

## 3. Square with side length 15 cm

Working: \_\_\_\_\_

Perimeter = \_\_\_\_\_ cm

## 4. Pentagon with all sides equal to 6 m

Working: \_\_\_\_\_

Perimeter = \_\_\_\_\_ m

## 5. Hexagon with sides: 4 cm, 5 cm, 4 cm, 5 cm, 4 cm, 5 cm

Working: \_\_\_\_\_

Perimeter = \_\_\_\_\_ cm

## 6. Quadrilateral with sides: 8 m, 6 m, 10 m, 7 m

Working: \_\_\_\_\_

Perimeter = \_\_\_\_\_ m

## 7. Regular octagon with each side measuring 3.5 cm

Working: \_\_\_\_\_

Perimeter = \_\_\_\_\_ cm

**8. Triangle with sides: 13.5 m, 12.8 m, 14.2 m**

Working: \_\_\_\_\_

Perimeter = \_\_\_\_\_ m

**☀ Challenge: A regular heptagon (7 sides) has a perimeter of 91 cm. What is the length of one side?**

Working: \_\_\_\_\_

Side length = \_\_\_\_\_ cm