

# Perimeter of Shapes Worksheet - Answer Key

3rd Grade - perimeter of rectangles and polygons | 14 minutes

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**Find the perimeter by adding all the side lengths. Label your answer with the unit.**

Example: A rectangle 5 cm by 3 cm:  $5 + 3 + 5 + 3 = 16$  cm.

1. A rectangle is 5 cm by 3 cm. What is the perimeter?

**Answer:  $5 + 3 + 5 + 3 = 16$  cm**

2. A rectangle is 8 cm by 2 cm. What is the perimeter?

**Answer:  $8 + 2 + 8 + 2 = 20$  cm**

3. A square has sides of 6 cm. What is the perimeter?

**Answer:  $6 + 6 + 6 + 6 = 24$  cm**

4. A triangle has sides 4 cm, 5 cm, and 6 cm. What is the perimeter?

**Answer:  $4 + 5 + 6 = 15$  cm**

5. A rectangle is 7 cm by 4 cm. What is the perimeter?

**Answer:  $7 + 4 + 7 + 4 = 22$  cm**

6. A pentagon has 5 sides of 3 cm each. What is the perimeter?

**Answer:  $3 \times 5 = 15$  cm**

## Challenge

7. A rectangle has a perimeter of 20 cm. Two sides are 6 cm each. How long are the other two sides?

**Answer:  $20 - 12 = 8$ , so each other side is 4 cm.**

8. How is perimeter different from area?

**Answer: Perimeter is the distance around the edge; area is the space inside.**