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DATE:

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PERIMETER OF COMPOUND SHAPES

KS2 MATHEMATICS

INSTRUCTIONS:

- ▶ANSWER ALL QUESTIONS
- ▶ALL WORKINGS MUST BE SHOWN
- ▶USE THE CALCULATOR WHEN EXPECTED

MARK GRADE

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Answer.

1. A shape is made from a rectangle 5 cm by 3 cm attached to a square of side 3 cm. What is the perimeter?

Answer: 25 cm

2. An L-shaped figure has sides 6 cm, 4 cm, 4 cm, 3 cm, 2 cm, and 1 cm. Find the perimeter.

Answer: 20 cm

3. A compound shape is made of two rectangles: one 8 cm by 3 cm and the other 4 cm by 3 cm joined along the 3 cm side. What is the perimeter?

Answer: 30 cm

4. A T-shape has vertical parts measuring 6 cm, 4 cm, and 6 cm, and horizontal parts of 2 cm and 4 cm. Find the perimeter.

Answer: 26 cm

5. A shape is formed from a rectangle 7 cm by 5 cm with a 2 cm square removed from one corner. What is the perimeter?

Answer: 26 cm

6. A U-shape has side lengths 5 cm, 2 cm, 3 cm, 2 cm, 5 cm, and 4 cm. What is the perimeter?

Answer: 21 cm

7. A compound shape is made of a square (4 cm sides) and a rectangle (6 cm by 4 cm) joined along one 4 cm edge. What is the perimeter?

Answer: 20 cm

8. An L-shape has sides 10 cm, 4 cm, 6 cm, 2 cm, and two 3 cm sides. Find the perimeter.

Answer: 28 cm

9. A shape consists of a rectangle (5 cm by 2 cm) on top of another rectangle (5 cm by 4 cm). What is the total perimeter?

Answer: 22 cm

10. A shape is made of a rectangle 9 cm by 6 cm with a square (3 cm sides) removed from one corner. What is the perimeter?

Answer: 33 cm