Measuring perimeter

6 questions | 8 marks

Equivalent correct methods earn the corresponding marks.

1. Find the perimeter of a square with sides 3 cm. [1 mark]

$3 + 3 + 3 + 3 = 12$ cm.

Answer: 12 cm.

2. Find the perimeter of a rectangle 8 cm long and 2 cm wide. [1 mark]



Not drawn to scale

$8 + 2 + 8 + 2 = 20$ cm.

Answer: 20 cm.

3. A triangular frame has sides 4 cm, 5 cm and 6 cm. Find its perimeter. [1 mark]

$4 + 5 + 6 = 15$ cm.

Answer: 15 cm.

4. A five-sided shape has side lengths 2 m, 3 m, 4 m, 3 m and 2 m. Find its perimeter. [1 mark]

$2 + 3 + 4 + 3 + 2 = 14$ m.

Answer: 14 m.

5. A square garden has a perimeter of 24 m. Find one side length. [2 marks]

Four equal sides make 24 m.

24 divided by 4 is 6 m.

Answer: 6 m.

6. A 9 cm by 4 cm rectangle has a line drawn across its middle. Does that line change its perimeter? Explain. [2 marks]

The inner line does not change the outside boundary.

$9 + 4 + 9 + 4 = 26$ cm.

Answer: No. The perimeter stays 26 cm.