Perimeter of Squares

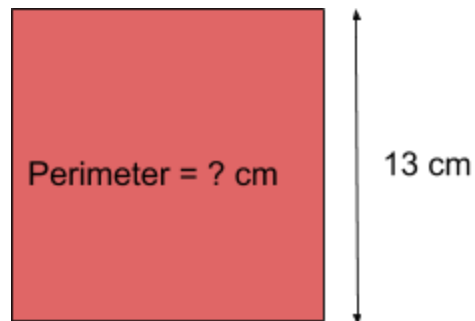**FREE Worksheet - 3**

Time: 15 minutes

(Detailed solutions at the end)
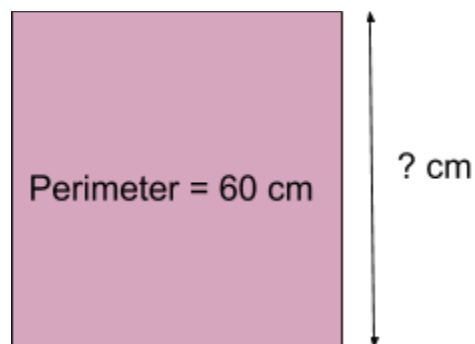
1. What is the perimeter of the square below?

Perimeter = ? cm   13 cm

Answer: _____ cm

2. Find the length of a side of the square below:

Perimeter = 60 cm   ? cm

Answer: _____ cm

3. What is the perimeter of the square below?
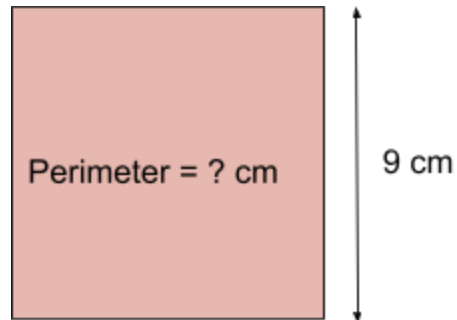
Perimeter = ? cm   9 cm

Answer: _____ cm

4. The length of a side of a square is 12 cm. Find its perimeter.

Answer: _____ cm

5. The perimeter of a square is 120 cm. Find the length of its side.

Answer: _____ cm

6. Damien runs 5 times around a square field of side 10 m. What is the total distance Damien ran?

Answer: _____ m

SOLUTIONS

Problem 1

Perimeter of a square = 4 × Length

Given, length = 13 cm

Therefore, perimeter = 4 × 13 cm = **52 cm**

Problem 2

Perimeter of a square = 4 × Length

Length = Perimeter ÷ 4

Given, perimeter = 60 cm

Therefore, length = 60 cm ÷ 4 = **15 cm**

Problem 3

Perimeter of a square = 4 × Length

Given, length = 9 cm

Therefore, perimeter = 4 × 9 cm = **36 cm**

Problem 4

Perimeter of a square = 4 × Length

Given, length = 12 cm

Therefore, perimeter = 4 × 12 cm = **48 cm**

Problem 5

Perimeter of a square = 4 × Length

Length = Perimeter ÷ 4

Given, perimeter = 120 cm

Therefore, length = 120 cm ÷ 4 = **30 cm**

Problem 6

Perimeter of the field = 4 × Length of one side

Given, length of one side = 10 m

Perimeter of the field = 4 × 10 m = 40 m

Since, Damien ran 5 times around the field so total distance he ran

= 5 × 40 m = **200 m**