



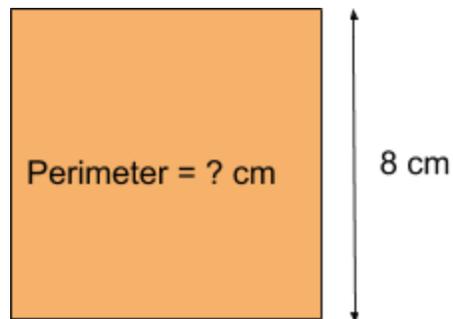
Perimeter of Squares

FREE Worksheet - 5

Time: 15 minutes

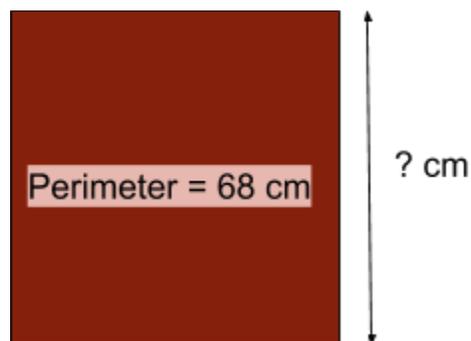
(Detailed solutions at the end)

1. What is the perimeter of the square below?



Answer: ____ cm

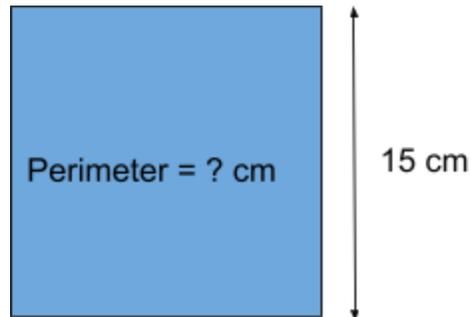
2. Find the length of a side of the square below:



Answer: ____ cm



3. What is the perimeter of the square below?



Answer: ____ cm

4. The length of a side of a square is 18 cm. Find its perimeter.

Answer: ____ cm

5. The perimeter of a square is 160 cm. Find the length of its side.

Answer: ____ cm

6. Jordan wants to put a fence around his square garden of side 8 m. What will be the length of the fence?

Answer: ____ m



SOLUTIONS

Problem 1

Perimeter of a square = $4 \times \text{Length}$

Given, length = 8 cm

Therefore, perimeter = $4 \times 8 \text{ cm} = \mathbf{32 \text{ cm}}$

Problem 2

Perimeter of a square = $4 \times \text{Length}$

Length = Perimeter $\div 4$

Given, perimeter = 68 cm

Therefore, length = $68 \text{ cm} \div 4 = \mathbf{17 \text{ cm}}$

Problem 3

Perimeter of a square = $4 \times \text{Length}$

Given, length = 15 cm

Therefore, perimeter = $4 \times 15 \text{ cm} = \mathbf{60 \text{ cm}}$



Problem 4

Perimeter of a square = $4 \times \text{Length}$

Given, length = 18 cm

Therefore, perimeter = $4 \times 18 \text{ cm} = \mathbf{72 \text{ cm}}$

Problem 5

Perimeter of a square = $4 \times \text{Length}$

Length = Perimeter $\div 4$

Given, perimeter = 160 cm

Therefore, length = $160 \text{ cm} \div 4 = \mathbf{40 \text{ cm}}$

Problem 6

Perimeter of the garden = $4 \times \text{Length of one side}$

Given, length of one side = 8 m

Total length of the fence = Perimeter of the garden

= $4 \times 8 \text{ m} = \mathbf{32 \text{ m}}$