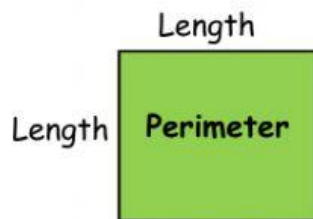


Year 4
Chapter 13
Topic: Area and Perimeter
Sub Topic: Perimeter of Squares

Name: _____ Date: _____

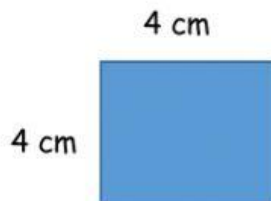
Lesson Objectives	Steps to follow
1) To find the length of a side of a square given its perimeter.	1) Write the formula 2) To find perimeter, we add all the sides. 3) To find Length of the side of a square, divide by 4 since all 4 sides of square are equal. 4) Write the unit in cm or m.

Area of Rectangles and Squares



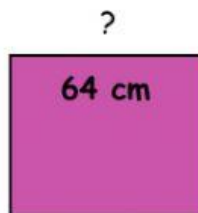
Example:

A) Find the area of the figure below.



$$\begin{aligned}\text{Perimeter} &= \text{Length} + \text{Length} + \text{Length} + \text{Length} \\ &= 4 + 4 + 4 + 4 \\ &= 16 \text{ m}\end{aligned}$$

B) Find the missing side of the square.

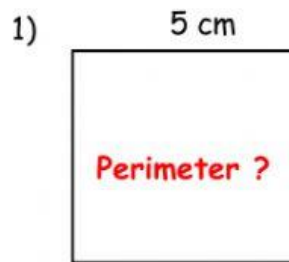


$$\begin{aligned}\text{Length} &= \text{Perimeter} \div 4 \\ &= 64 \div 4 \\ &= \underline{16 \text{ cm}}\end{aligned}$$

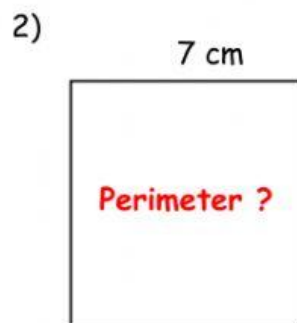
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Exercise 1.

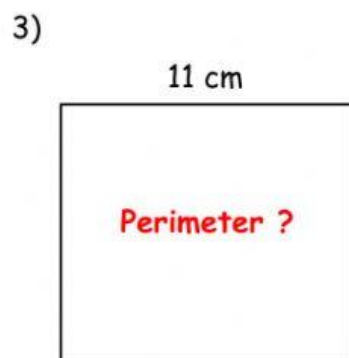
Find the area of each figure below.



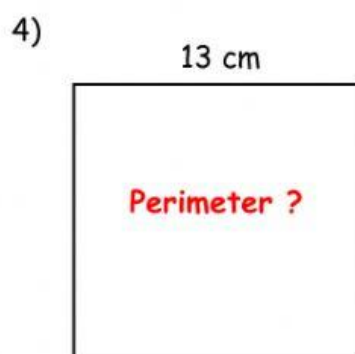
$$\begin{aligned}\text{Perimeter} &= \text{Length} + \text{Length} + \text{Length} + \text{Length} \\ &= \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$



$$\begin{aligned}\text{Perimeter} &= \text{Length} + \text{Length} + \text{Length} + \text{Length} \\ &= \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$



$$\begin{aligned}\text{Perimeter} &= \text{Length} + \text{Length} + \text{Length} + \text{Length} \\ &= \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$



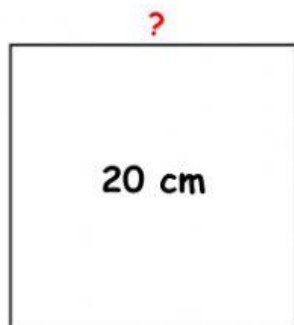
$$\begin{aligned}\text{Perimeter} &= \text{Length} + \text{Length} + \text{Length} + \text{Length} \\ &= \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$

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Exercise 2

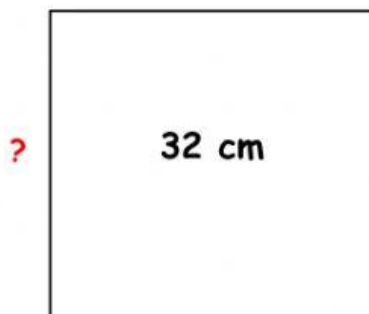
Find the missing side of the square .

- 5) The perimeter of a square is 20 cm. What is the length of a side of a square?



$$\begin{aligned}\text{Length} &= \text{Perimeter} \div 4 \\ &= 20 \div 4 \\ &= \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$

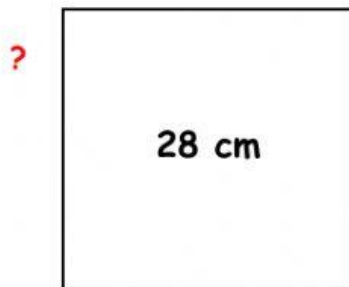
- 6) The perimeter of a square is 32 cm. What is the length of a side of a square?



$$\begin{aligned}\text{Length} &= \text{Perimeter} \div 4 \\ &= \underline{\hspace{2cm}} \div 4 \\ &= \underline{\hspace{2cm}} \text{ cm}\end{aligned}$$

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- 7) The perimeter of a square is **28 cm**. What is the length of a side of a square?

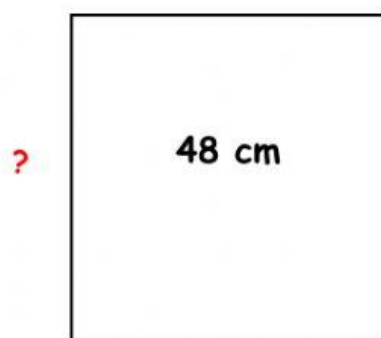


$$\text{Length} = \text{Perimeter} \div 4$$

$$= \underline{\hspace{2cm}} \div 4$$

$$= \underline{\hspace{2cm}} \text{ cm}$$

- 8) The perimeter of a square is **48 cm**. What is the length of a side of a square?



$$\text{Length} = \text{Perimeter} \div 4$$

$$= \underline{\hspace{2cm}} \div 4$$

$$= \underline{\hspace{2cm}} \text{ cm}$$