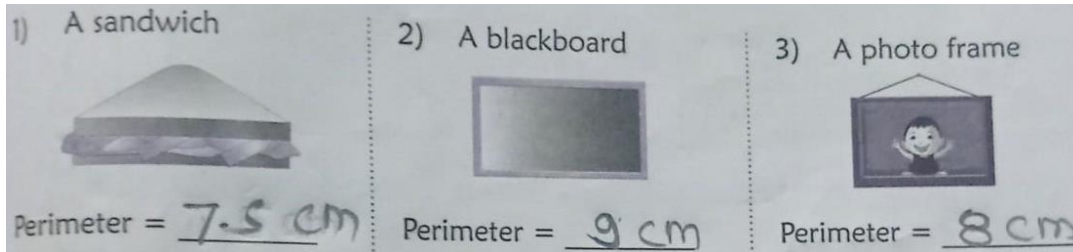
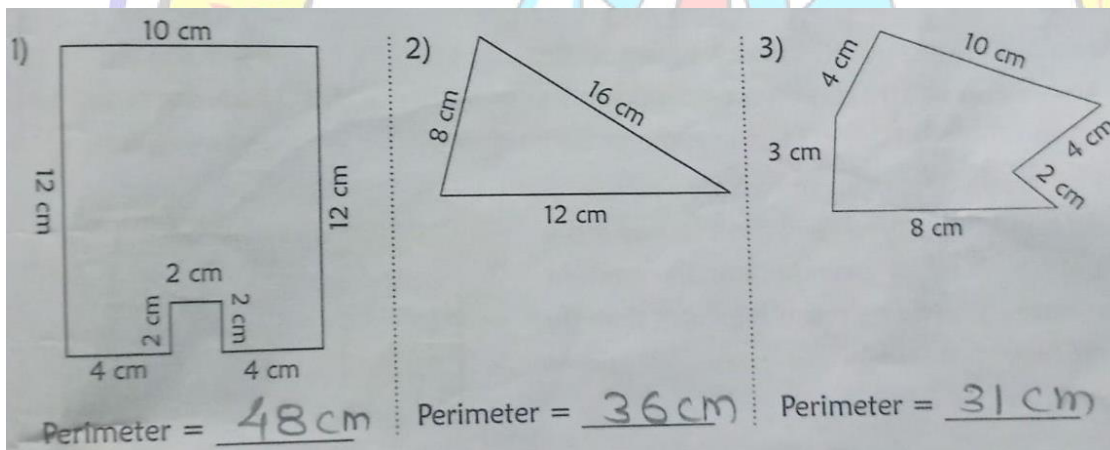


Exercise – 13.1

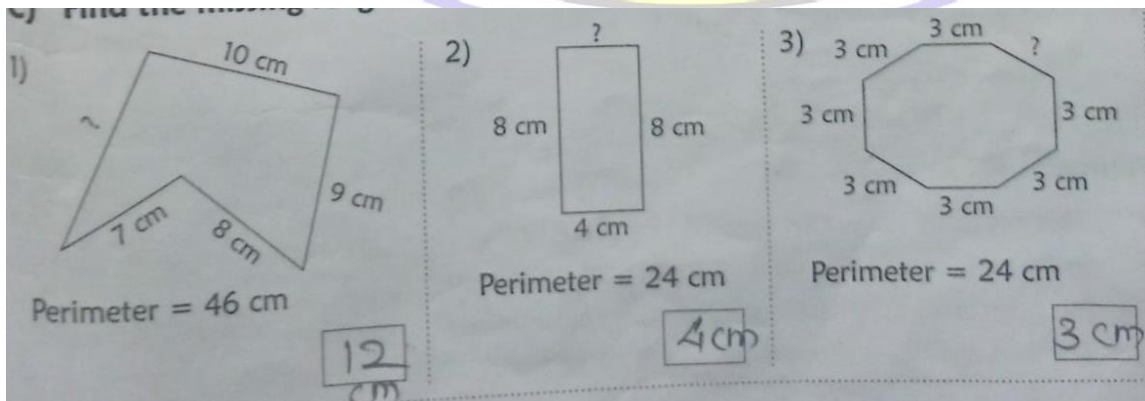
A) Use your ruler and find the perimeter of the following figures around you.



B) Find the perimeter of the following.

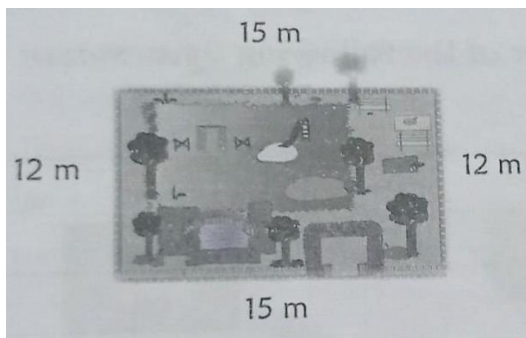


C) Find the missing length.



D) Solve.

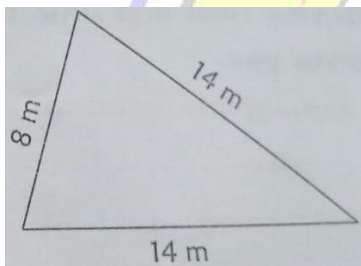
1) Mr. Verma wants to fence his garden. How much wire will he need?



Sol- perimeter = Sum of all sides

$$= 15 \text{ cm} + 15 \text{ cm} + 12 \text{ cm} + 12 \text{ cm} = 54 \text{ cm}$$

2) Rahul jogs around his garden thrice every morning. How much distance he cover?

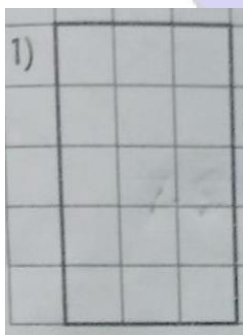


Sol- perimeter = Sum of all sides

$$= 14 \text{ cm} + 14 \text{ cm} + 8 \text{ cm} = 36 \text{ cm}$$

Exercise -13.2

A) Find the area of the following figure. Take the area of each square as 1 sq.cm.



1) Sol- Given, length = 5 cm, breadth = 3 cm

Area of a rectangle = length $\times$ breadth

$$= 5 \text{ cm} \times 3 \text{ cm} = 15 \text{ sq. cm}$$



2) Sol- Given, length = 4 cm, breadth = 3 cm

Area of a rectangle = length $\times$ breadth

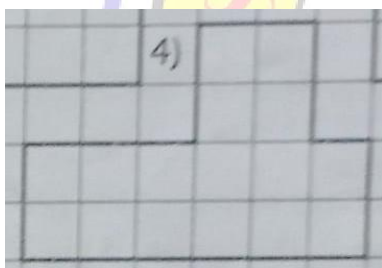
$$= 4 \text{ cm} \times 3 \text{ cm} = 12 \text{ sq. cm}$$



3) Sol- Given, length = 5 cm, breadth = 2 cm

Area of a rectangle = length $\times$ breadth

$$= 5 \text{ cm} \times 2 \text{ cm} = 10 \text{ sq. cm}$$



4) Sol- Given, length = 6 cm, breadth = 2 cm

Area of a rectangle = length $\times$ breadth

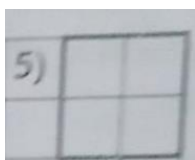
$$= 6 \text{ cm} \times 2 \text{ cm} = 12 \text{ sq. cm}$$

Given, side = 2 cm

Area of a square = side $\times$ side

$$= 2 \text{ cm} \times 2 \text{ cm} = 4 \text{ sq. cm}$$

$$\text{Total} = 12 + 4 = 16 \text{ sq. cm}$$



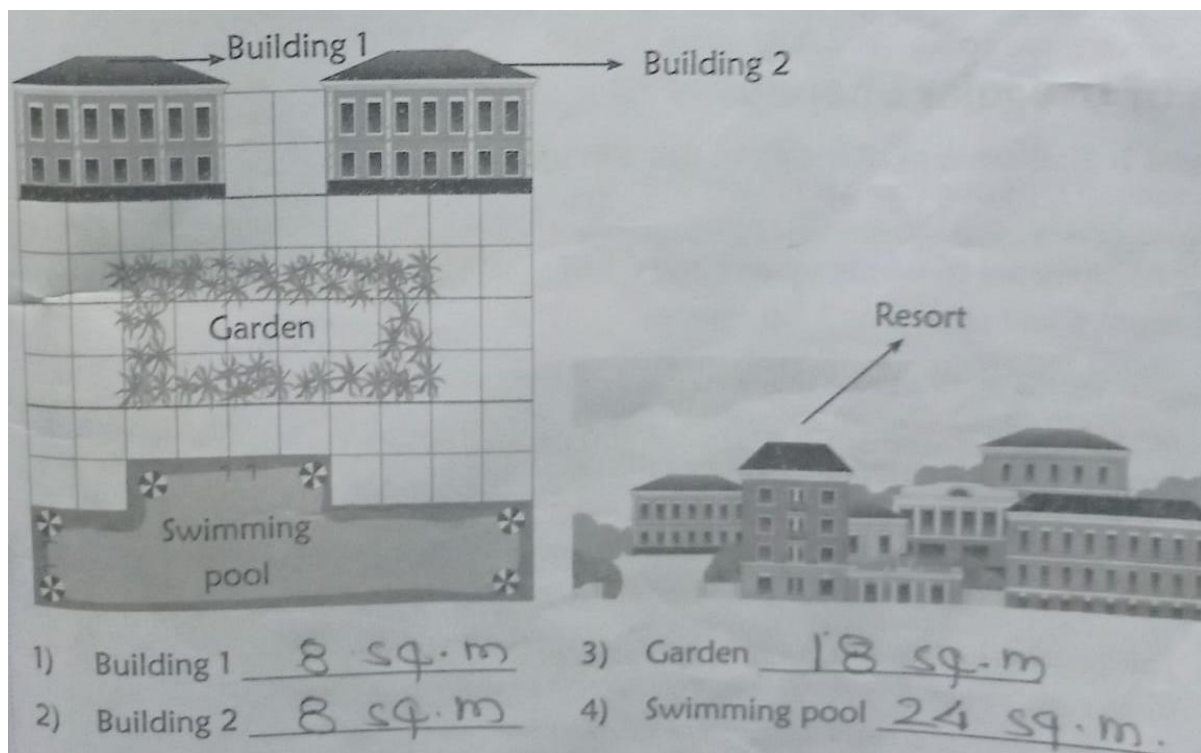
5) Sol- Given, side = 2 cm

Area of a square = side $\times$ side

$$= 2 \text{ cm} \times 2 \text{ cm} = 4 \text{ sq. cm}$$

B) This is a model of a resort. Find the area covered by the different parts of the resort

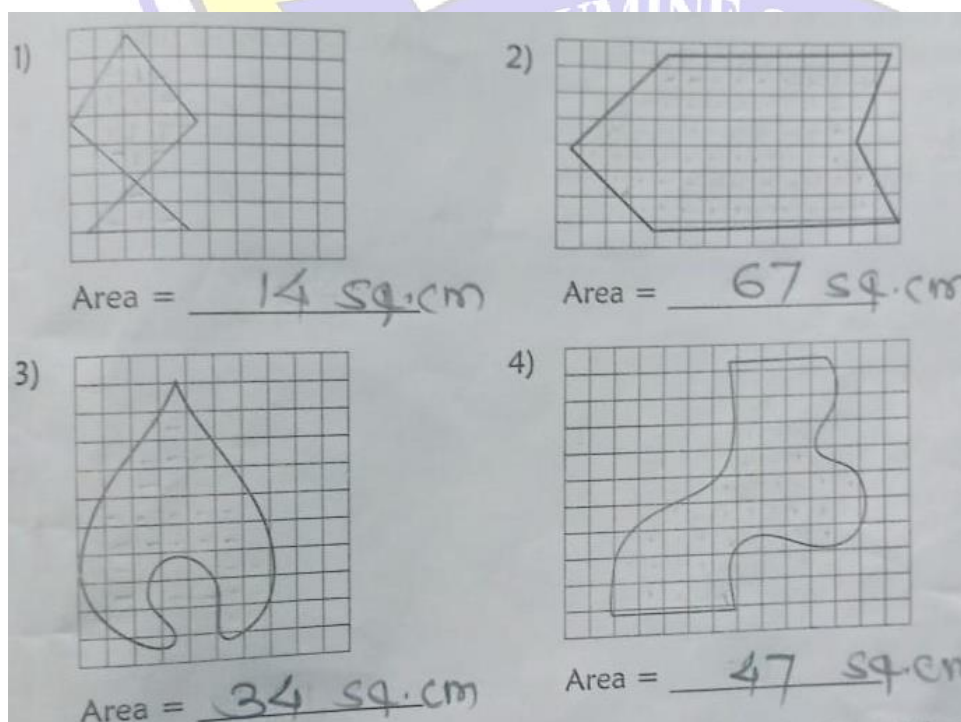
In the model. Take the area of each square as 1 square metre.



Exercise – 13.3

A) Find the area of the following. (Hint: First shade the whole square.)

Take area of each square as 1 sq.cm and then count the partial squares.



B) Find the area of each letter in the word given below. Take the side of each square as 1 cm.

