



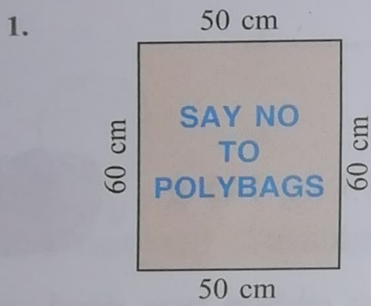
# AREA and PERIMETER



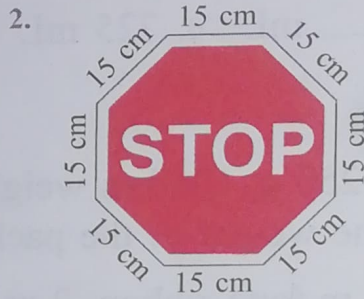
## WARM UP



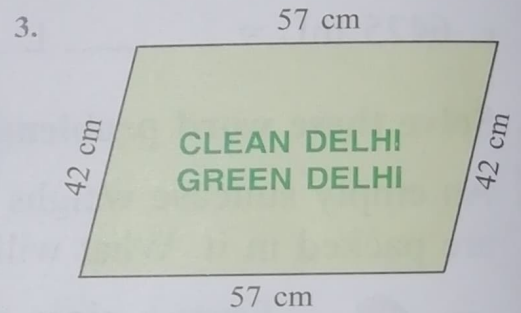
A. Find the perimeter of the following.



220 cm



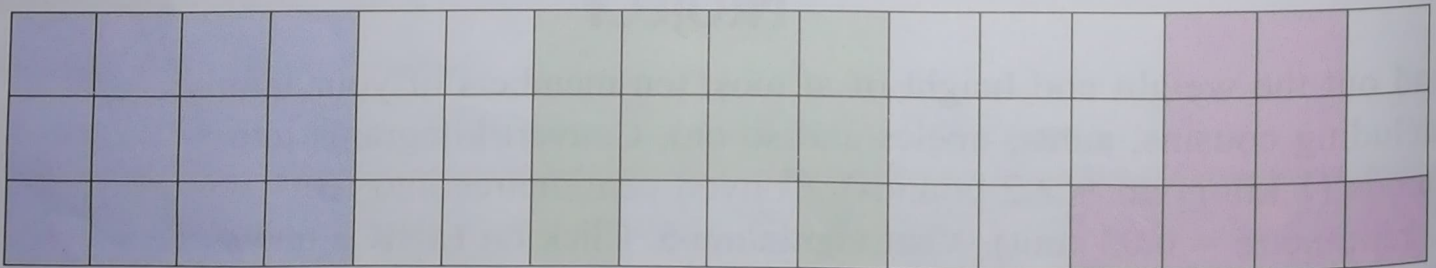
120 cm



198 cm

The perimeter of a closed figure is the length of its boundary.

B. Find the area of each coloured figure by counting the small squares.



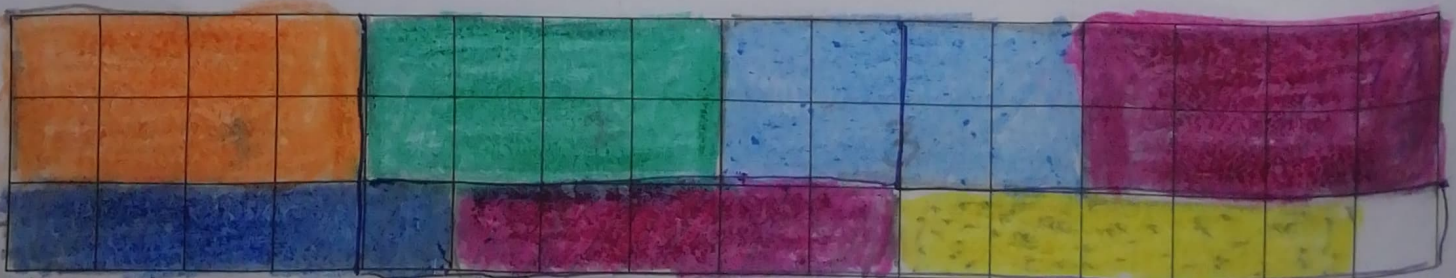
12<sup>A</sup> sq. units

10<sup>B</sup> sq. units

8<sup>C</sup> sq. units

The area of a closed figure is the region covered by it.

C. In the following cm-squared paper draw rectangles with perimeter 12 cm.



B. Complete the tables.

TABLE A

SQUARE

	SIDE	PERIMETER
1.	5 cm	20 cm
2.	12 cm	48 cm
3.	30 cm	120 cm
4.	43 cm	172 cm
5.	75 cm	300 cm

TABLE B

RECTANGLE

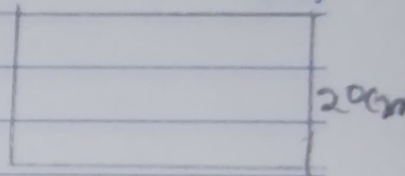
	LENGTH	BREADTH	PERIMETER
1.	4 cm	3 cm	14 cm
2.	2.5 cm	2.1 cm	9.2 cm
3.	11 cm	5 cm	32 cm
4.	12.5 cm	10.1 cm	45.2 cm
5.	34.5 cm	12 cm	93 cm



1. How many rectangles could you draw? \_\_\_\_\_ 7
2. Do these rectangles have the same area? Yes  No
3. Write the area of each of these rectangles. 8 sq cm, 5 sq cm

## Exercise - 9.1

A. Find the Perimeter.



1. Given length of the book = 40cm

Given width of the book = 20cm

Required Perimeter =  $2 \times (\text{length} + \text{width})$ 

$$= 2 \times (20\text{cm} + 40\text{cm})$$

$$= 2 \times 60\text{cm}$$

$$= 120\text{cm}$$

Ans. Required perimeter of the book is 120cm.

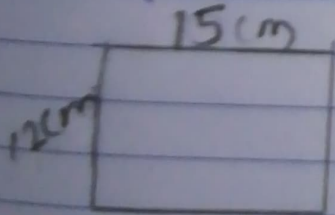
2. Given length of the tiffin box = 15cm

Given breadth of the tiffin box = 12cm

2014 Required perimeter =  $2 \times (\text{length} + \text{breadth})$ Thursday  
1st Week

02

02 Day



$$= 2 \times (15\text{cm} + 12\text{cm})$$

$$= 2 \times 27\text{cm}$$

$$= 54\text{cm}$$

Ans. Required perimeter of the tiffin box is

54cm.