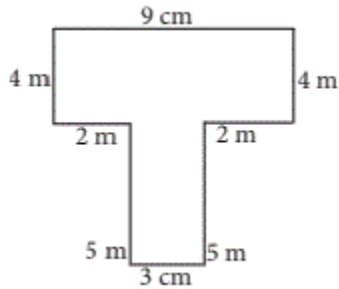


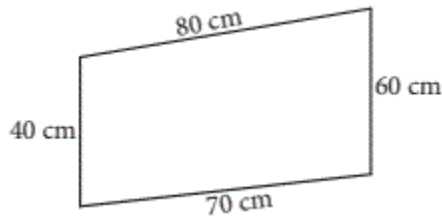
## Introduction of Perimeter and Area

1. Find the perimeter of a square of a side 5 cm.
2. Find the perimeter of a rectangle of length 25 cm and breadth 10.5 cm. What will be the length of the side of a square with same perimeter as that of a rectangle?
3. Find the perimeter of the given figures.

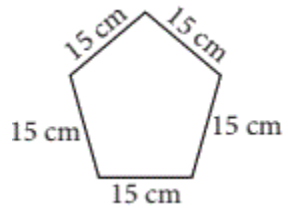
A.



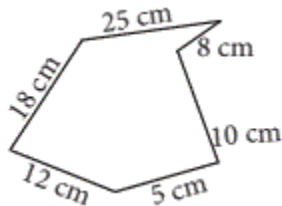
B.



C.



D.



4. A square piece of field has each side equal to 98 m. If 2 layers of barbed wire has to be used to fence it, what is the length of the wire required? Also find the total cost of the wire if a metre of wire costs Rs. 5.

5. The length of a rectangular field is thrice to its breadth. Latika jogged around it 5 times and covered a distance of 6.5 km. Find the length and breadth of the field?
6. Find the area of the rectangle whose length and breadth are as under:
- A. 9 dm, 6.5 dm
  - B. 5.6 m and 7 m
7. Find the area of the squares whose sides are
- A. 4.8 cm
  - B. 7.9 cm
  - C. 8.1 cm
8. Find the side of a square having area 6400 sq metres.
9. If the ratio of the length to breadth is 8 : 10 and area of the rectangle is 1440 sq metre, then find its length and breadth.
10. The area of a rectangle is equal to the area of five similar squares. If the area of the rectangle is  $625\text{m}^2$ , then find the length of each side of a square.
11. The length of the diagonal of a square is  $15\sqrt{3}\text{cm}$ . Find the length of its side and also the area of the square.
12. The area of four walls is  $192\text{ m}^2$ . The length and breadth of the room are 4m and 4m. Find the height of the wall.
13. A rectangular floor has dimensions  $125\text{ cm} \times 250\text{ cm}$ . Find the total number of square tiles of 5 cm required to cover the floor.
14. If a square of side 10 cm is folded into two equal halves, then find the area of the rectangle formed.
15. Find the length of the longest rod that can be fitted into a cuboid having dimensions 1m, 0.5 m and 0.75 m as length, breadth and height respectively.