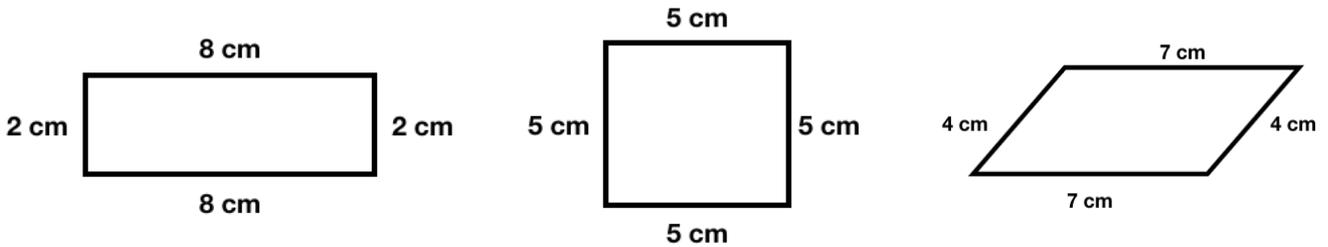
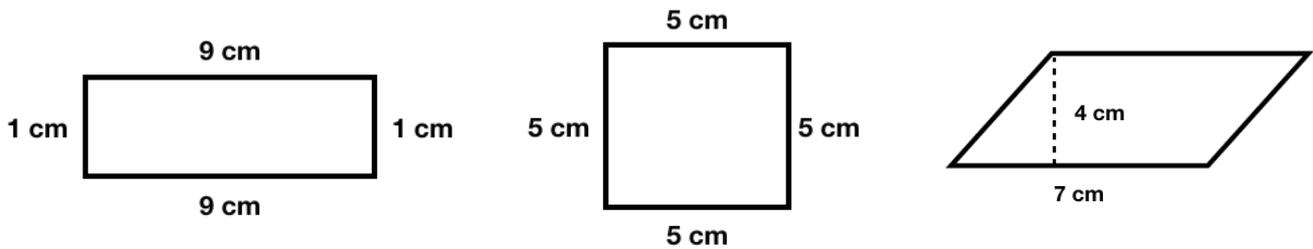


INTERNATIONAL INDIAN SCHOOL BURAI DAH
STD VII -- MATHS WORKSHEET (II TERM) -- 9
L-10 Perimeter And Area

1. A land is in the shape of a rectangle of length 150m and width 100m. A pool of length 15m and width 10m is to be dug. Find the area of the remaining part of the land.
2. The perimeter of a square room is 56m. Find the side of the room.
3. Which of the following figures have the largest perimeter.



4. Compare the areas of the following figures:



5. The perimeter of a square and a rectangle are equal. The side of the square is 15cm and the length of the rectangle is 18cm. Find the breadth of the rectangle.
6. The area of a rectangular field of breadth 48m is the same as the area of a square field of side 60m. Find the perimeter of the rectangular field.
7. A wire is in the form of a square of side 16cm. It is bent to make a rectangle of breadth 10cm. Find the length of the rectangle formed. Find which one has more area.
8. The perimeter of a rectangle of length 17cm is 64cm. Find its area.
9. Find the unknown value:

	Base	Height	Area of Parallelogram
a	12 cm		96 cm ²
b		3.5 cm	52.5 cm ²
c	8.9 cm		64.08 cm ²
	Base	Height	Area of Triangle
d	18 cm		18 cm ²
e	11.5 cm	4 cm	

10. A parallelogram PQRS has one side QR = 5cm and its altitude PM = 3.6cm. If PN \perp RS and PN = 4.5cm. Find the other side RS.

11. $\triangle ABC$ is isosceles with $AB = AC = 7.5\text{cm}$ and $BC = 9\text{cm}$. The height AD from A to BC is 6cm . Find the area of $\triangle ABC$. What will be the height CE drawn from C to AB ?
12. Find the circumference and area of a circle of radius
- Radius = 10cm
 - Diameter = 12cm
13. The circumference of a circle is 22cm . Find its area.
14. Find the cost of levelling a circular portion in a garden at the rate of $\text{₹}25$ per m^2 given that the diameter of the circle is 14m .
15. Find the number of times the wheel of radius 56cm must rotate to cover a distance of 264m .
16. Convert
- 100 cm^2 to mm^2
 - 1000 m^2 to hectares
17. A wheel covers 110m in one revolution. What is its radius?
18. Find the perimeter of a semi-circle of radius 12cm .
19. The length and the breadth of a park are 40m and 30m respectively. There is a path 2m wide outside the park. Find the area of the path.
20. A path 3m wide runs along the inside of a rectangular plot of dimension 30m and 24m . Find the cost of levelling the path at $\text{₹} 32$ per m^2 .
21. A circular pond is surrounded by a path 2m wide. The diameter of the pond is 50m . Find the cost of cementing the path at the rate of $\text{₹} 28$ per m^2 .
22. There are two crossroads each of width 4m running at right angles and parallel to the sides of a square park of side 72m . Find the area of the path and calculate the cost of paving tiles on the path at $\text{₹} 125$ per m^2 .
23. There is a circular water- bed of radius 5m inside a rectangular park of length 15m and breadth 12m . Find the area of the park excluding the water- bed and also find the cost of fencing the water-bed at the rate of $\text{₹} 60$ per m^2 .
24. Find the area of the shaded region in the following figure:

