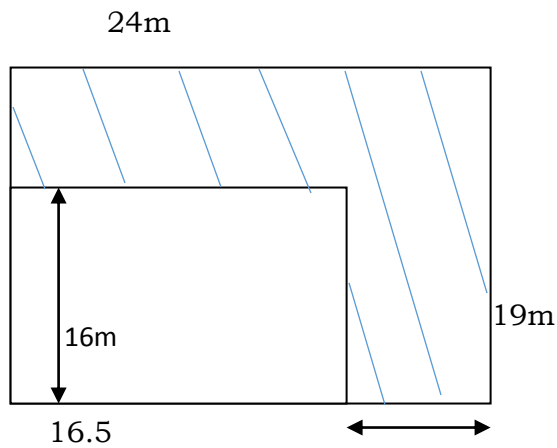


## Practice Paper

### Ch- 11 Perimeter and Area

1. The perimeter of a rectangular sheet is 600cm. If the length is 30cm, find the breadth and area of the sheet.
2. A rectangular grassy plot is 75m long and 60m broad. It has a 2m wide path all around it on the inside. Find the area of the path and the cost of gravelling it at Rs.3.60 per sq.metre.
3. Calculate the area of the shaded region in the given figure:



4. Each side of a regular pentagon is 2.5 cm in length. The perimeter of the polygon is 12.5 cm. How many sides does the polygon have?
5. The area and base of a triangle are 36sq.cm and 3cm respectively. Find the height of the triangle.
6. A gardener wants to fence a circular garden of diameter 21m. Find the length of the rope he needs to purchase, if he makes two rounds of fence. Also find the cost of rope if it cost Rs.4 per metre. (Take  $\pi = \frac{22}{7}$ )
7. A piece of wire is bent in the shape of an equilateral triangle of each side 6.6cm. It is rebent to form of a circular ring. What is the diameter of the ring?
8. A circular park has radius 56m. A 7metre wide road runs on the outside around it. Find the area of the road.
9. A cow is tied to a pole fixed at one corner of a rectangular field 30m x12m by Means of a string 8m long. Find the area over which the cow can graze. If the length string is increased to 12m, find the area increased for grazing.
10. The diameter of a wheel of a car is 88 cm. How many revolutions will it make to travel 6160 metres.