

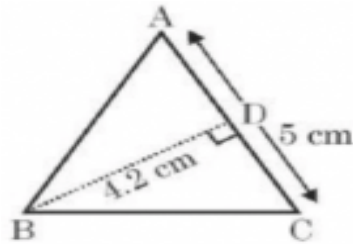
INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet for the Academic Year 2024-25

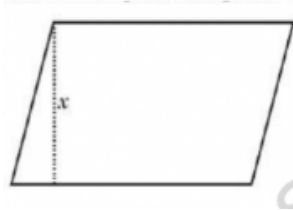
CLASS: 7 / SUBJECT: Maths

LESSON : 11 Perimeter and Area

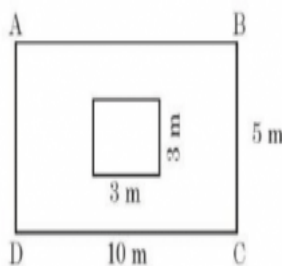
1. What is the circumference of a circle whose diameter is 49 m?[154 m]
2. If the area of a parallelogram is 17.6 sq cm and its base is 4 cm, find its corresponding height.[ans:4.4 cm]
3. If the area of the circle is 154 sq cm, find its radius.[ans:7 cm]
4. Find the area of the given triangle ABC [ans:10.5 sq cm]



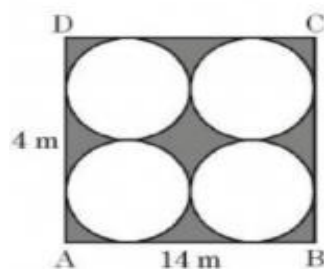
5. Find the height x if the area of the parallelogram is 96 sq cm and its base is 6 cm.[ans:16 cm]



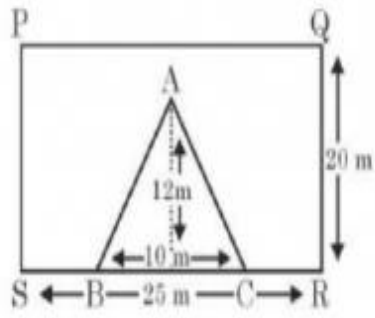
6. A piece of wire 40cm long. It is bent in the form of a square. Find its side.[ans:10 cm]
7. The given figure represents a rectangular field with a square flower bed in the middle. Find the area of the lawn excluding the area of the flowerbed.[ans:41 sq cm]



8. Find the area of the shaded portion if the radius of one circle is 2m.[ans:56-50.24=5.76 sq m]



9. From a rectangular piece, a triangular portion is removed as shown in the fig. Find the remaining area



[ans:440 sq m]

10. One side of a parallelogram is 16 cm. With this side taken as base, the corresponding height is 9 cm. Find its area. [ans:144 sq cm]
11. ABCD is a parallelogram DP and BQ are perpendiculars from D and B on AB and AD respectively. Given AB=16 cm, BC=10.8 cm, DP=9cm. Find BQ.[ans:13.3 cm]
12. Find the area of triangle with base=18 cm and height=12 cm.[ans:108 sq cm]
13. If the radius of a wheel is 14 cm, find the distance covered in 150 revolutions.[ans:13200 cm]

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