Circumference and Area of Circle : CPP-1

1. Find the circumference of a circle whose diameter is 11.2 km.

2. Find the radius of a circle whose circumference is 52.8 cm.

3. The ratio of the radii of two circles is 3:2. What is the ratio of their circumferences?

4. A wire in the form of a rectangle 18.7 cm long and 14.3 cm wide is reshaped and bent into the form of a circle. Find the radius of the circle so formed.

5. The diameter of a wheel of a car is 98 cm. How many revolutions will it make to travel 6160 metres.

6. The moon is about 384400 km from the earth and its path around the earth is nearly circular. Find the circumference of the path discribed by the moon in a lunar month.

7. How long will John take to make a round of a circular field of radius 21 cm cycling at the speed of 8 km/h?

8. The hour and minute hands of a clock are 4cm & 6cm long respectively. Find the sum of the distances travelled by their tips in 2 days.

9. A bicycle wheel makes 5000 revolutions in moving 11km. Find the diameter of the wheel.

10. The diameter of the driving wheel of a bus is 140 cm. How many revolutions per minute must the wheel make in order to keep a speed of 66 km per hour?