

MCQ WORKSHEET-III
CLASS VIII: CHAPTER – 11
MENSURATION

- Q1:** The perimeter of circular field is 242cm. The area of the field is
(a) 9317 cm^2 (b) 18634 cm^2 (c) 4658.5 cm^2 (d) none of these
- Q2:** The area of a circle is 38.5 cm^2 . Its circumference is
(a) 62 cm (b) 12.1 cm (c) 11 cm (d) 22 cm
- Q3:** The difference between the circumference and radius of a circle is 37 cm. The area of the circle is
(a) 111 cm^2 (b) 184 cm^2 (c) 154 cm^2 (d) 259 cm^2
- Q4:** The circumference of two circles is in the ratio 2: 3. The ratio of their areas is
(a) 2: 3 (b) 4: 9 (c) 9: 4 (d) none of these
- Q5:** On increasing the diameter of circle by 40%, its area will be increased by
(a) 40% (b) 80% (c) 96% (d) none of these
- Q6:** In making 1000 revolutions, a wheel covers 88 km. The diameter of the wheel is
(a) 14 m (b) 24 m (c) 28 m (d) 40 m
- Q7:** The diameter of a wheel is 40 cm. How many revolutions will it make a covering 176 m?
(a) 140 (b) 150 (c) 160 (d) 166
- Q8:** The radius of wheel is 0.25 m. How many revolutions will it make in covering 11 km?
(a) 2800 (b) 4000 (c) 5500 (d) 7000
- Q9:** Find the circumference of a circle of diameter 21 cm.
(a) 62 cm (b) 64 cm (c) 66 cm (d) 68 cm
- Q10:** Find the area of a circle whose circumference is 52.8 cm.
(a) 221.76 cm^2 (b) 220.76 cm^2 (c) 200.76 cm^2 (d) none of these.
- Q11:** A steel wire when bent in the form of a square, encloses an area of 121 sq. cm. The same wire is bent in the form of a circle. Find the area of the circle.
(a) 111 cm^2 (b) 184 cm^2 (c) 154 cm^2 (d) 259 cm^2
- Q12:** If the perimeter of a semicircular protractor is 36 cm, find the diameter.
(a) 14 cm (b) 16 cm (c) 18 cm (d) 12 cm
- Q13:** The area of a square and a rectangle are equal. If the side of the square is 40 cm and the breadth of the rectangle is 25 cm, find the length of the rectangle.
(a) 60 cm (b) 62 cm (c) 64 cm (d) 68 cm