

Application_Grade-7_Perimeter and Area

Problems on Area and Circumference of a Circle-2

1. Find the area, circumference, and diameter of the circles whose radius is

(a) 10 cm

(b) 6.5 cm

(c) 8 cm (Take $\pi = 22/7$)

AREA	CIRCUMFERENCE	DIAMETER
a)	a)	a)
b)	b)	b)
c)	c)	c)

2. Find the area, circumference of the circle whose diameter is

(a) 12 cm

(b) 18 cm

(c) 15 cm

AREA	CIRCUMFERENCE
a)	a)
b)	b)
c)	c)

3. Calculate the circumference of the circle whose area is 212 cm^2 .

4. If the circumference of a circular sheet is 47 cm, find its area.

5. A circular swimming pool is 25 feet in diameter. How many feet around is the pool?

6. The diameter of a bangle is 26 cm. How many times the bangle will revolve in order to travel a distance of 500 cm.

7. From a circular sheet of a radius 7 cm, a circle of radius 3 cm is removed. Find the area of the remaining sheet.

8. If the circumference of a circle is 86 cm, find its area, diameter, and radius.

AREA	DIAMETER	RADIUS

9. Find the perimeter of the semicircle whose diameter is 32 m.

10. The ratio of the radii of two wheels is 10: 13. Find the ratio of their circumference and areas.

RATIO OF CIRCUMFERENCES	RATIO OF AREAS