

Chapter- 13

Geometry

WORKSHEET

A. FILL IN THE BLANKS.

1. A line segment has two end points.
2. A line has no end points.
3. The lines or line segments which cross each other at any point are known as Intersecting lines.
4. The length of the boundary of a circle is known as its Circumference.
5. Diameter = 2 x Radius.

B. CHOOSE THE CORRECT ANSWER.

6. Radius = Diameter ÷ 2

- a. Centre b. Diameter c. Circumference d. None

7. Diameter is twice the radius of a circle.

- a. Twice b. Once c. Thrice d. None

8. The lines which do not meet at any point no matter in whatever direction we continue, are known as Parallel lines.

- a. Intersecting b. Parallel c. Curved d. None

9. A line has no end points.

- a. One b. Two c. No d. Three

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10. $D = 2 \times$ _____

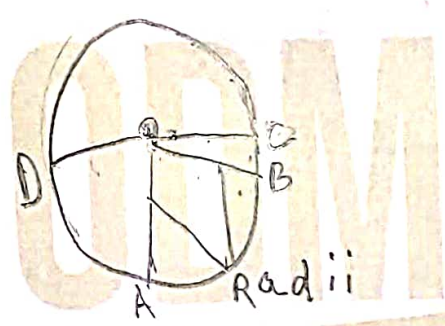
- a. R
- b. P
- c. S
- d. None

C. ANSWER THE FOLLOWING QUESTIONS.

11. Find the radius of the circle whose diameter is 44 cm.

Diameter
 Radius = $\frac{D}{2}$
 Radius = $\frac{44}{2} = 22 \text{ cm}$

12. Draw a circle and also mention its radius and diameter. Also write 3 circular objects name that you see in your day to day life.



3 circular objects, I see in my daily life. CD, Bangle, Bottle cap

13. Draw a line segment CD of 8 cm.

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14. Find the diameter of the circle whose radius is 13 cm.

$R = 13$
 Diameter = $2 \times \text{Radius}$
 $D = 2 \times R$
 $D = 2 \times 13 = 26$

15. Draw an example of parallel line and intersecting line.

