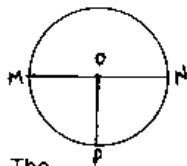


CHAPTER : 7 SHAPES , SPACE AND PATTERNS

Fill in the blanks:-

1. _____ shapes are called closed curves.
2. Closed shapes formed by straight lines are called _____.
3. A _____ is named according to the number of sides it has.
4. A polygon with three line segments is called a _____.
5. A polygon with 4 line segments is called a _____.
6. A _____ is a quadrilateral with opposite sides equal.
7. A _____ is a quadrilateral with all sides equal.
8. A _____ is a simple closed curve.
9. The length of the circle is called its _____.
10. The point where the diameter and the radius meet is called _____ of the circle.
11. In the given figure

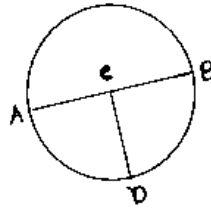


- a) Centre of the circle is _____.
 - b) Radius of the circle is _____.
 - c) Diameter of the circle is _____.
12. The _____ is twice the length of the radius.
 13. The _____ is half the length of the diameter.
 14. The radius of a circle is 3cm .It s diameter is _____.
 15. The diameter of a circle is 16m .It s radius is _____.

Do the following

1. Name the parts of the circle.

- a) Centre _____
- b) Diameter _____
- c) Radius _____
- d) AB _____
- e) CD _____



2. Give the radius of the circle with the following diameter

- | | | | |
|---------|--------|---------|---------|
| a) 32cm | b) 10m | c) 74m | d) 90cm |
| e) 16cm | f) 52m | g) 28cm | h) 50m |

3. Give the diameter of circle with the following radius .

- | | | | |
|---------|--------|---------|---------|
| a) 30cm | b) 25m | c) 85cm | d) 9m |
| e) 50cm | f) 18m | g) 72m | h) 44cm |

4. Say whether the following are true or false.

- a) All the radii of a particular circle are of equal length.
- b) The diameter is half the radius.
- c) The diameter goes through the centre of the circle.