Geometry

Chapter - 13
Worksheet

A) Fill in the blanks.

1) Line segment has two end points.

2) Line has no end points.

3) The line or line segment which cross each other at any other point are known as Intersecting lines.

4) The length of the boundary of a circle is known as its Circumference.

5) Diameter = 2 × Radius.

B) Choose the correct answer.

6) Radius = Diameter ÷ 2.

7) Diameter is Twice the radius of a circle

8) The lines which do not meet at any point n

matter is whatever direction we continue, are known as Parallel lines.
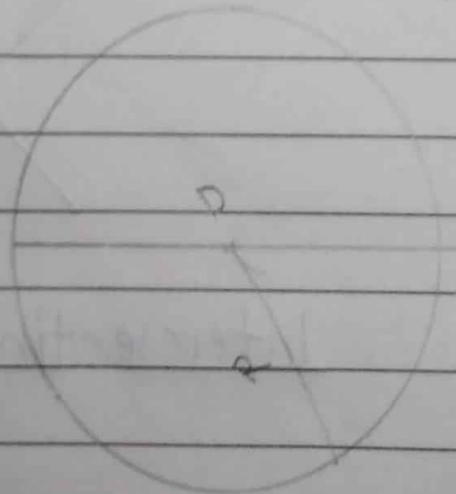
9) A line has No end points.

10) D = 2 × R.

c) Answer the following questions.

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

Radius = $\dfrac{Diameter}{2}$

Radius = $\dfrac{44}{2}$ = $\dfrac{44}{2}$ = 22 cm

12)
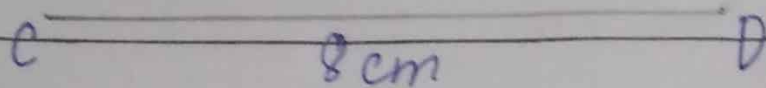
Radius = 2.5 cm
Diameter = 5 cm

3 circular objects are Clock,

Cycle wheel and Plate.

13) Draw a line segment CD of 8cm

C ————————— 8cm ————————— D
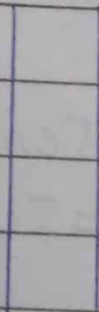
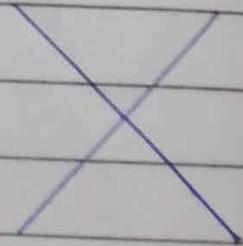14) Find the diameter of the circle whose radius is 13 cm.

$R = 13 cm$
Diameter $= 2 \times R$
$\quad\quad\quad = 2 \times 13 = 26 cm$

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

Parallel line

Intersecting line