

WorksheetSub - MathsGeometry

A. 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.  $\text{Diameter} = 2 \times \text{Radius}$  or Radius

B. 6.  $\text{Radius} = \frac{\text{Diameter}}{2}$

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.

9. A

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

9. A line has No end points.

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

10.  $D = 2 \times$  R

a.  R    b. P    c. S    d. None

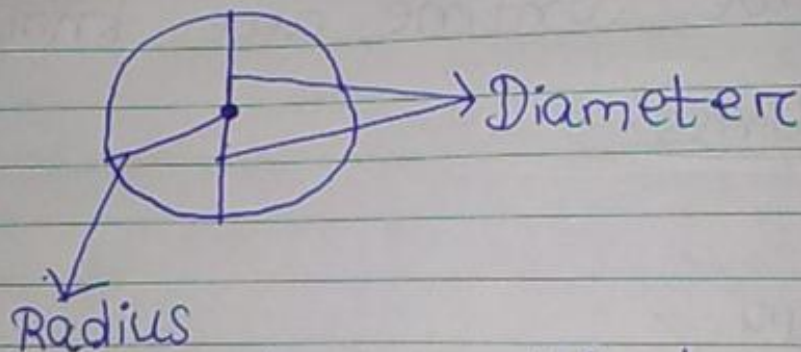
c. 11. The length of diameter of a circle = 44 cm

$$\text{Radius} = \frac{\text{Diameter}}{2}$$

∴ So, 22 cm is the Radius of a circle.

$$\begin{array}{r} 22 \\ 2 \overline{)44} \\ \underline{-4} \phantom{0} \\ 04 \\ \underline{-4} \\ 0 \end{array}$$

12.



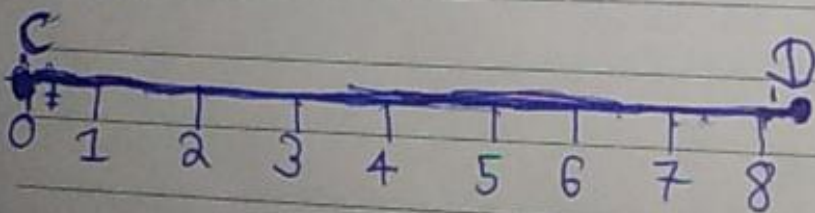
∴ The 3 circular objects are:-

CD

Pizza

Wheel

13.



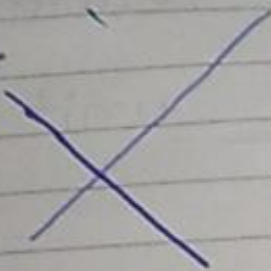
14. The length of radius of a circle = 13 cm

$$\text{Diameter} = 2 \times \text{Radius}$$

∴ so, 26 is the length of diameter in a circle.

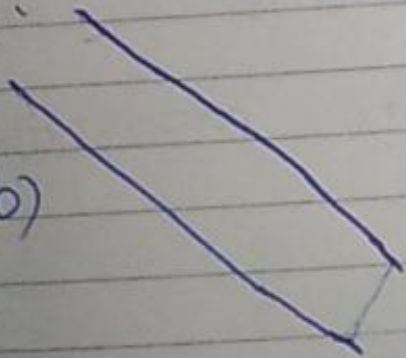
15.

a)



Intersecting line

b)



Parallel line