

Geometry

SCHOLAR

Date: |

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A

1 Line segment has two end points.

2 Line has no end points.

3 The lines or lines segment 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 × Radius

B

6 Radius = Diameter ÷ 2

7 Diameter is twice the radius of a circle.

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

9 A line has no end points

10 $D = 2 \times R$

C
11 Find the radius of the circle whose diameter

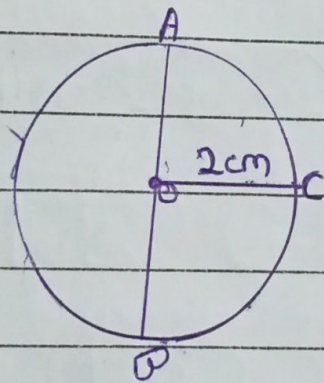
is = 44 cm

$D = 44 \text{ cm}$

$R = \frac{1}{2} \times D$

$= 22 \text{ cm}$

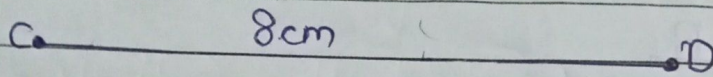
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Three circular object

Bangles, CD, Wrist Watch

13



14 The diameter of the circle if its ~~is~~ Radius is 13cm

13cm

$$R = 13 \text{ cm}$$

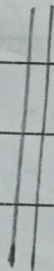
$$D = 2 \times 13 \text{ cm}$$

$$= 2 \times R$$

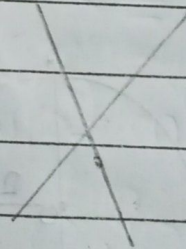
$$= 26 \text{ cm}$$

\therefore 26cm is diameter of a circle.

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Parallel



intersecting