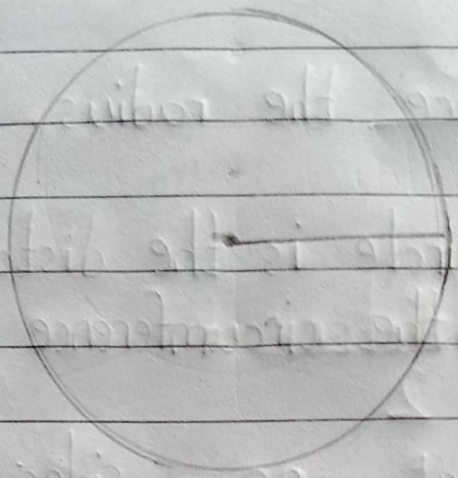
Exersice-13(c)

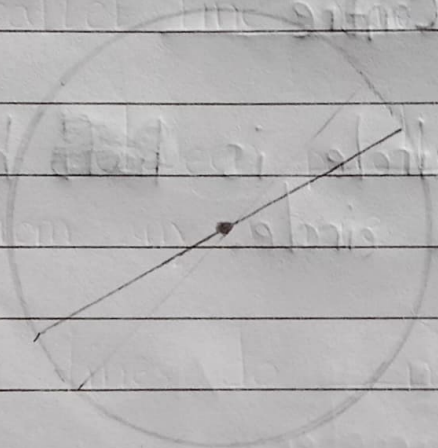
1> Draw the radis and the diameter in the following.

a>



Radius

b>



Diameter

2)

a) Diameter is twice the radius.

b) Radius of a circle is the distance from the centre to the circumference of a circle

c) ~~Diameter~~ Circle has no sides

d) Diameter of the circle always passes through the Centre

e) Radius of a circle is [redacted] haft the Diameter of a circle.

3>

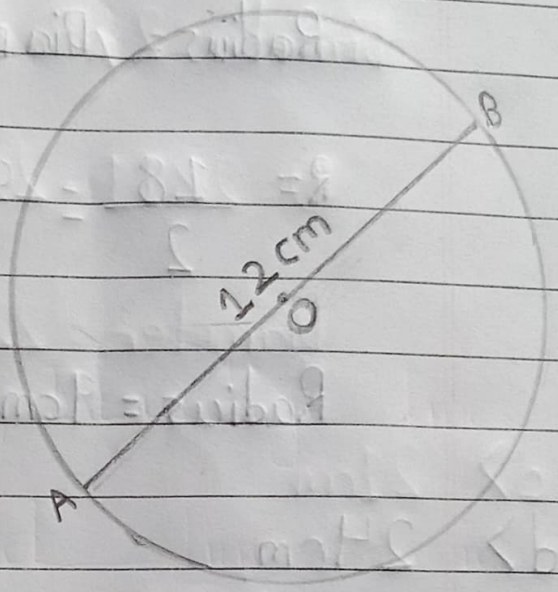
a> 12 cm

Ans- D=12 cm

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

$$R = \frac{12}{2} = 6\text{cm}$$

Radis = 6cm



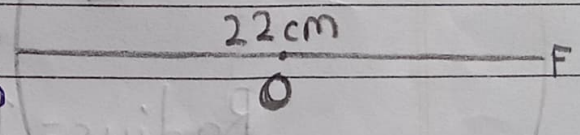
b> 22 cm

Ans- D-22 cm

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

$$R = \frac{22}{2} = 11\text{cm}$$

Radius = 11 cm

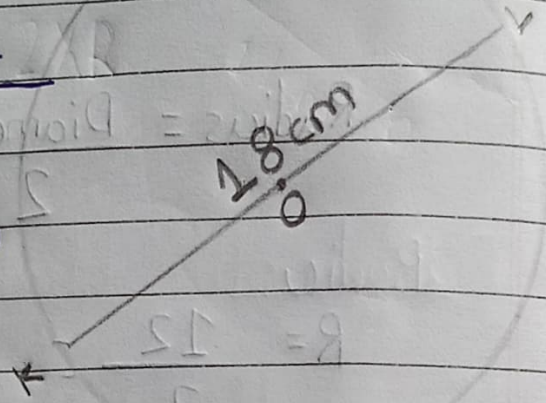


c> 18cm

Ans- D=18cm

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

R= $\frac{18}{2}$ = 9cm



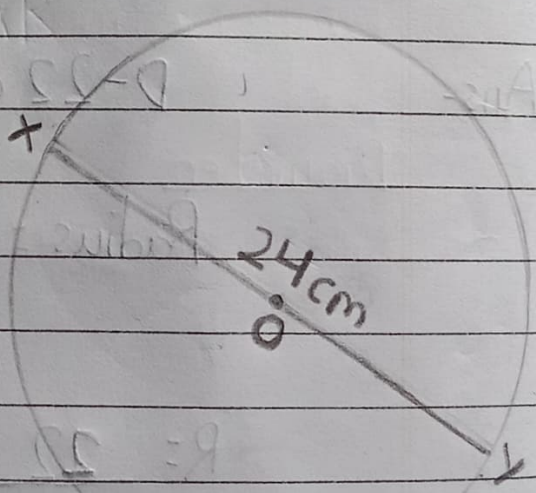
Radius = 9cm

d> 24cm

Ans- D=24cm

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

R= $\frac{24}{2}$ = 12cm



Radius = 12cm

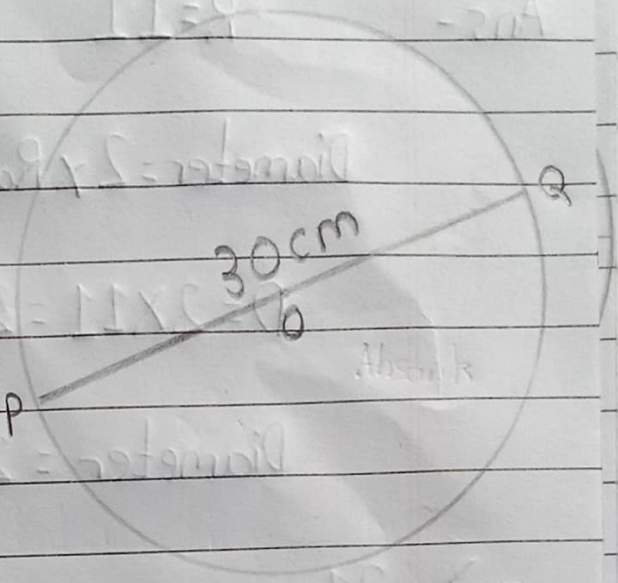
e> 30cm

Ans- D-30 cm

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

$R = \frac{30}{2}$

Radius = 15cm



4>

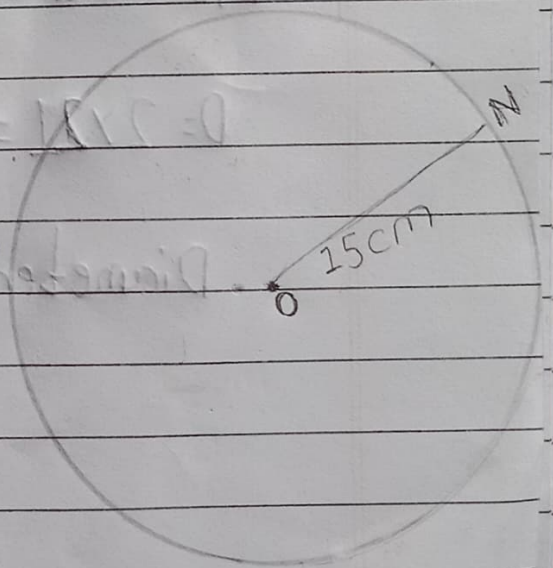
a> 15

Ans- R=15

Diameter = 2 X Radius = 2 X R

D= 2 X 15 = 30

Diameter = 30 cm



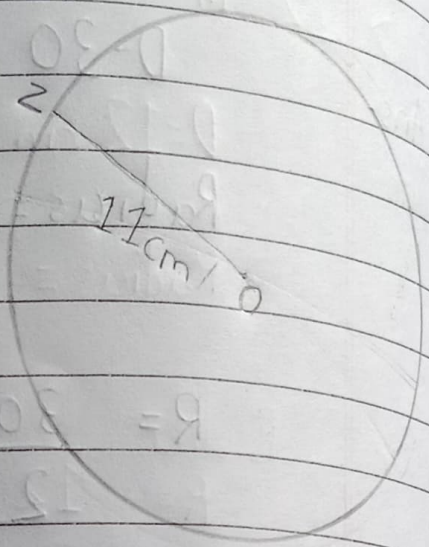
b> 11cm

Ans- R=11

Diameter = 2 x Radius = 2XR

D= 2X11 = 22cm

Diameter = 22cm



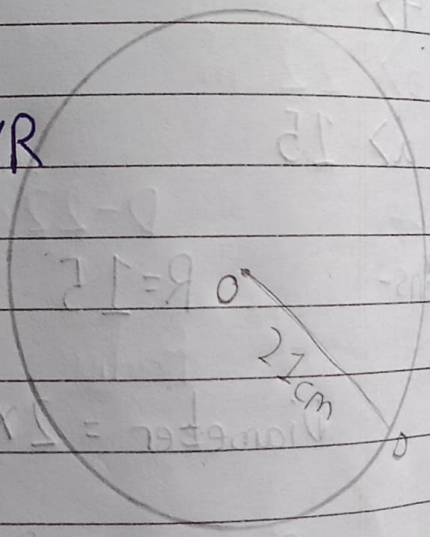
c> 21cm

Ans- R=21

Diameter = 2XRadius = 2XR

D= 2X21 = 42cm

Diameter = 42cm



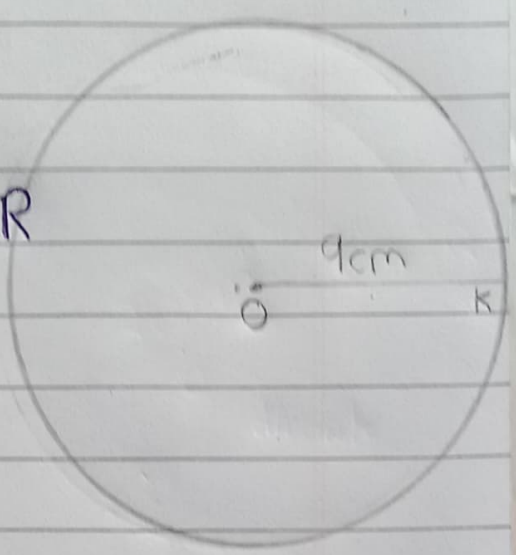
d> 9cm

Ans- R=9

Diameter = 2X Radius = 2XR

D=2X9=18cm

Diameter = 18cm



e> 25cm

Ans- R=25

Diameter = 2X Radius = 2XR

D= 2X25= 50cm

Diameter= 50cm