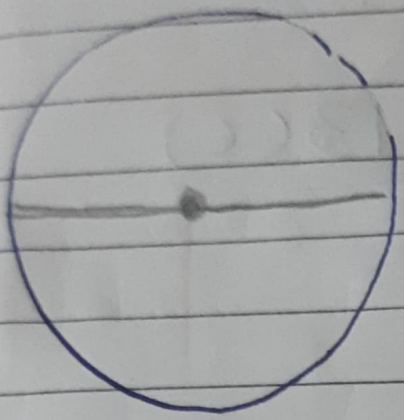
26/11/21

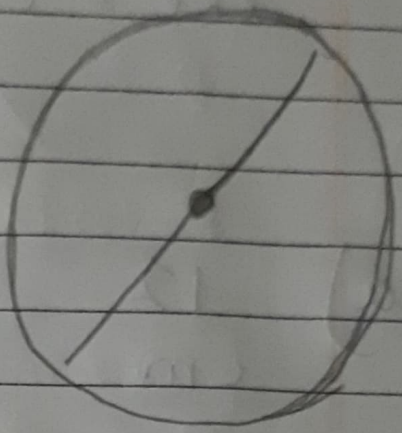
Ex - 13 (C)

(1)

a)



b)



(2)

a) Diameter is Twice the radius of a circle.

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

c) A circle has no sides

d) Diameter of the circle always passes through the centre

e) Radius of a circle is

half the diameter of the circle.

Ex - 13(C)

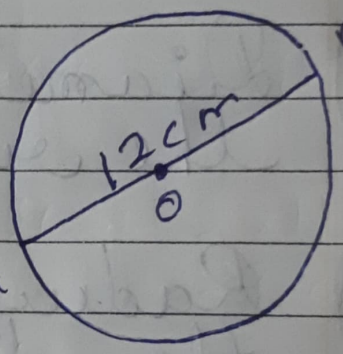
(3)

a) 12 cm

D = 12

Radius = $\frac{D}{2}$

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

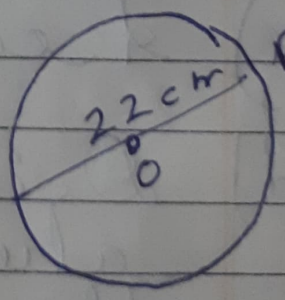


Radius = 6cm

b) 22 cm

D = 22

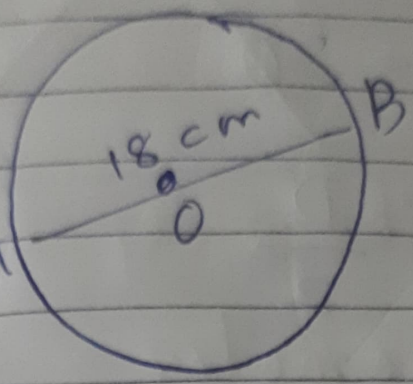
Radius = $\frac{D}{2}$



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

Radius = 11cm

c) 18 cm



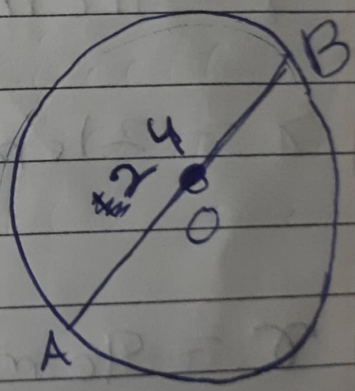
$D = 18$

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

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

Radius = 9cm

d) 24 cm



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

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

Radius = 12 cm

e) 30 cm

$D = 30$

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

$R = \frac{30}{2}$ = Radius = 15 cm

4 a) $r = 15$ cm $\quad d = 2 \times r = 2 \times 15 = 30$ cm

b) $r = 11$ cm, $d = 2 \times r = 2 \times 11 = 22$ cm

c) $r = 21$ cm, $d = 2 \times r$
$= 2 \times 21 = 42$ cm

d) $r = 9$ cm, $d = 2 \times r = 2 \times 9 = 18$ cm

e) $r = 25$ cm, $d = 2 \times r = 2 \times 25 = 50$ cm