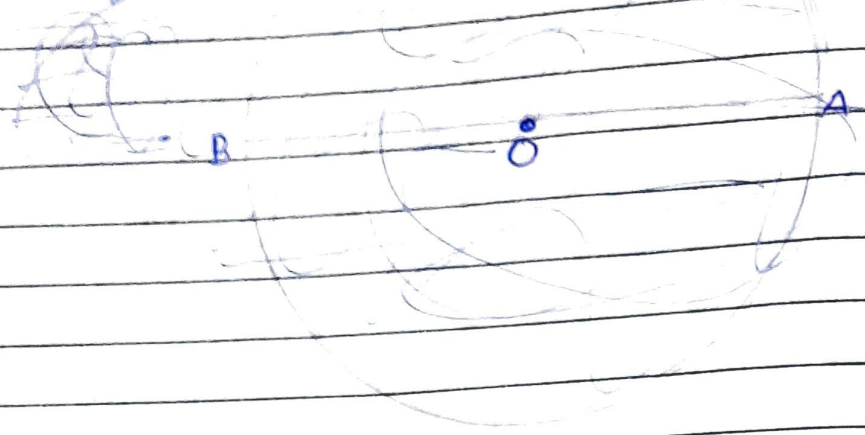
Exercise 12(C)

2)

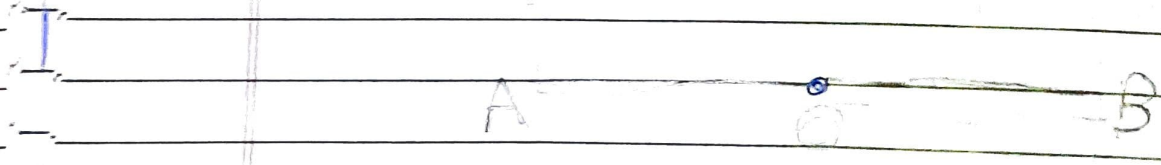
a)



a) Radius

3.5 cm

b) Diameter



2. a) Diameter is Twice the radius of a circle.

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

c) A circle has no sides.

d) Diameter of the circle always passes through the center.

e) Radius of a circle is ~~the~~ half half the Diameter of the circle.

3. a) 12 cm

D = 12 cm

Radius = Dai Diameter / 2

R = 12/2 = 6 cm

Radius = 6 cm

b) 22/7 cm

D = 22 cm

Radius = Diameter / 2

R = 12/2 = 11 cm

Radius = 11 cm

c) 18 cm

D = 18 cm

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

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

Radius = 9 cm

d) 24 cm

D = 24 cm

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

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

Radius = 12 cm

e) 30 cm

D = 30 cm

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

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

Radius = 15 cm

4.

a) 15 cm

A- R = 15

Diameter = 2 × Radius = 2 × R

D = 2 × 15 = 30 cm

b) 11 cm

A- R = 11

Diameter = 2 × Radius = 2 × R

D = 2 × 11 = 22 cm

c) 21 cm

A- R = 21

Diameter = 2 × Radius = 2 × R

D = 2 × 21 = 42

d) 9 cm

A- R = 9

Diameter = 2 × Radius = 2 × R

D = 2 × 21 = 42

e) 25 cm

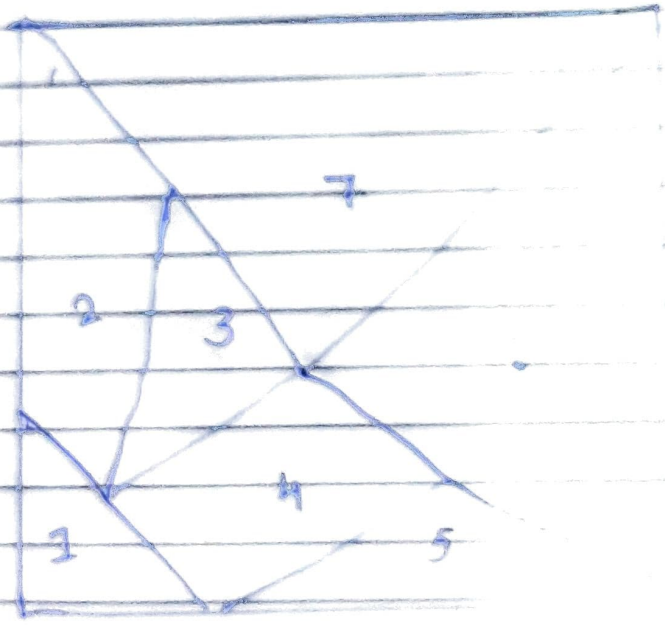
A: R = 25

Diameter = 2 × Radius = 2 × R

D = 2 × 25 = 42

Exercise 13 (D)

2) study the shape and answer the following



a) How many pieces are in the puzzle ? 7

b) Which piece is the largest ? 4

c) How many pieces are [illegible]