

Our Vision:Innovative education for a knowledge, pioneering, and global society.

SUB: MATHEMATICS

Worksheet: Geometry

Name : Roll no. : Grade 6.....Date :.....

Part: A



1)Solve

- a) What is ID in given shape?(radius /diameter)
- b) Given shape is a circle(yes /no)
- c) Three quarter of revolution is ----- (180°, 270°, 360°)
- d) Radius is ----- times diameter(2/3/4)
- e) Half of revolution is -----(90°, 180°, 360°)
- f) Area of circle if r=1 cm -----

2) Fill in the blanks.

- a) Circumference ----- ($2\pi r$ / πr^2)
- b) Area ----- ($2\pi r$ / πr^2)
- c) If diameter is 6cm radius will be ----- (3cm / 12cm)

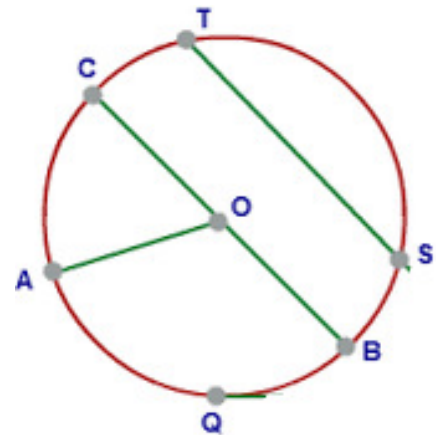
Part B: 1) What is it represents? (parts of Circle)

OC = -----

OB = -----

CB = -----

TS = -----



2) Find the following if second hand of clock moves from

Starts at	Stops at	Fraction of revolution	No. of right angles	No. of degrees
3	6			
12	9			
4	7			
9	6			
4	8		- No need-	



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Part C:

Find Circumference if $r = 49$ cm and $\pi = \frac{22}{7}$	Find Circumference if $r = 30$ m and $\pi = 3.14$
Find Circumference if $d = 56$ m and $\pi = \frac{22}{7}$	Find Circumference if $d = 40$ cm and $\pi = 3.14$
Find Area if $d = 14$ cm and $\pi = \frac{22}{7}$	Find Area if $r = 21$ m and $\pi = \frac{22}{7}$
Find Area if $r = 60$ cm and $\pi = 3.14$	Find Area if $d = 20$ m and $\pi = 3.14$



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Part D:

1) Find the area of the given shape? ($\pi = \frac{22}{7}$)



d = 21 cm

2) Find circumference of given shape?

