SECOND CYCLE

CLASS – IV **MATHS**

ASSIGNMENT NO - 9 **GEOMETRY**

Q.1 Fill in the blanks:

a) A portion of a _____ is called a line segment.
b) A _____ has two end points.
c) A _____ can be extended to any length on both sides.
d) A line has no fixed _____.
e) A _____ is that closed curve which does not cross itself.
f) A simple closed curve made of line segments only is called a _____ .
g) A polygon which is made of _____ line segments is called a triangle.
h) The line segments that form the triangle are called its _____.
i) The point where two sides of a triangle meet is called its _____.
j) A simple closed figure bounded by 4 line segments is called a _____.
k) Line segment joining two opposite vertices of a quadrilateral is called _____.
l) Diameter is _____ that of radius.
m) A quadrilateral having all sides equal is called a _____.
n) The sum of length of line segments of a figure is called its _____.

Q.2 The radii of the circle are given. Find their diameters:

I. 9 cm
II. 12 cm
III. 4 m
IV. 16 dm

Q.3 Find the radii of the diameter are:

I. 28 dm
II. 44 m
III. 50 dm
IV. 18 cm

Q.4 Sonia wants to put lace along the edges of her table mats 30 cm long and 20 cm wide. Find the length of lace for 6 mats.

Q.5 A rectangular garden is 79 metres long and 55 metres wide. Find the length of wire needed to fence it thrice.

Q.6 A boy walks around a triangular garden whose sides are 17m, 23m and 19m. Find the distance he covers if he walks around it 5 times.