



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

## CLASS 8

**SUBJECT :Algebra & GeometryWork sheet16**

**Marks:15Circles 1**

**Date:24.4.2020**

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### Answer all the following questions(1×15=15)

1. The centre of a circle lies in the \_\_\_\_\_ of the circle.  
A. Interior  
B. Exterior  
C. on the circle
2. A point, whose distance from the centre of a circle is greater than its radius lies in \_\_\_\_\_ of the circle.  
A. Interior  
B. Exterior  
C. On the circle
3. The longest chord of a circle is a \_\_\_\_\_ of the circle.  
A. Radius  
B. Diameter  
C. Arc
4. An arc is a \_\_\_\_\_ when its ends are the ends of a diameter.  
A. Circle  
B. Semicircle  
C. Chord
5. Segment of a circle is the region between an arc and \_\_\_\_\_ of the circle.  
A. Radius  
B. Chord  
C. Diameter
6. A circle divides the plane, on which it lies in \_\_\_\_\_ parts.  
A. 2  
B. 3  
C. 4
7. Line segment joining the centre to any point on the circle is a \_\_\_\_\_ of the circle.  
A. Diameter  
B. Radius  
C. Chord

8. The length of the complete circle is called its ————  
A. Circumference  
B. Volume  
C. Area
9. The region between a chord and either of its arcs is called a ————  
A. Sector  
B. Segment  
C. Chord
10. The region between an arc and the two radii, joining the centre to the endpoints of the arc is called a ————  
A. Segment  
B. Sector  
C. Chord
11. A ———— is the collection of all points in a plane, which are equidistant from a fixed point in the plane.  
A. Circle  
B. Line segment  
C. Curve
12. In a circle of radius 17cm, the distance of a chord of length 16cm from the centre is———  
A. 15cm  
B. 8cm  
C. 1cm
13. There is ——-circle passing through three non collinear points.  
A. One and only one  
B. Two  
C. Three
14. ——- tangent can be drawn to a circle at a point on it  
A. 1  
B. 2  
C. 4
15. ——- tangents can be drawn from a point outside a circle  
A. 1  
B. 2  
C. 3

