

**WORK SHEET**

**SUBJECT- MATHS**

**Chapter -4: Basic Geometrical Ideas**

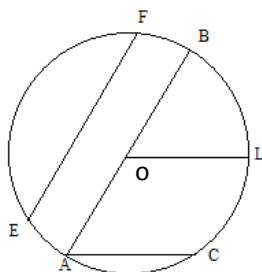
**CLASS- VI**

**Date: 15.8.14**

**Q1. Fill in the blanks.**

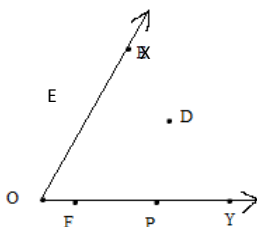
1. A line is made up of \_\_\_\_\_ points.
2. In a line segment XY, the points X & Y are called the \_\_\_\_\_ points of the segments.
3. The ray AB, A is called the \_\_\_\_\_.
4. One & the only one line can be drawn through \_\_\_\_\_ points.
5. \_\_\_\_\_ lines do not intersect each other.
6. The curve which does not cross itself is called \_\_\_\_\_.
7. A closed figure made up of line segments is called a \_\_\_\_\_.
8. A polygon with the least no. of sides is called a \_\_\_\_\_.

**Q2. Looking at the given figure, fill in the blanks.**



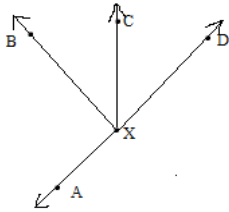
1. AB is the \_\_\_\_\_ of the circle.
2. OL is the \_\_\_\_\_ of the circle.
3. AC is the \_\_\_\_\_ of the circle.
4. Chords EF & AB are \_\_\_\_\_.
5. \_\_\_\_\_ the longest chord of the circles.
6. Radius is \_\_\_\_\_ the length of the diameter of a circle.
7. The length of the boundary of a circle is called its \_\_\_\_\_.
8. \_\_\_\_\_ is a part of the circle.
9. \_\_\_\_\_ is the segment of the circle.
10. \_\_\_\_\_ is the sector of the circle.

**Q3. Answer the following questions based on the given figure.**

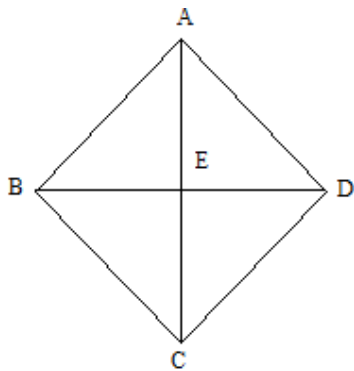


1.  $\angle XOY$  is an \_\_\_\_\_.
2. \_\_\_\_\_ is the vertex of  $\angle XOY$ .
3.  $OX$  &  $OY$  are called the \_\_\_\_\_.
4. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ & \_\_\_\_\_ are the points on the  $\angle XOY$ .
5. The point \_\_\_\_\_ lie on the interior of  $\angle XOY$ .
6. The points \_\_\_\_\_ & \_\_\_\_\_ are the exterior of  $\angle XOY$ .

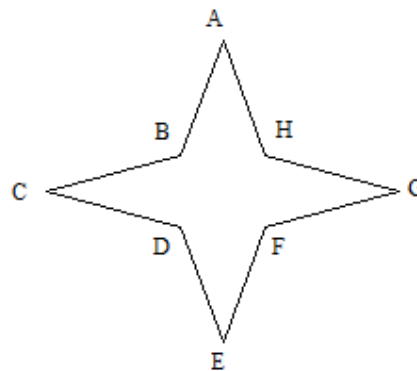
**Q4. From the figure, name :**



**a) Four rays :-** \_\_\_\_\_.



**b) Eight triangles :-** \_\_\_\_\_.



- |  |
|--|
| <p><b>a) 8 pairs of adjacent side -</b> _____</p> <p><b>b) 8 pairs of adjacent vertices -</b> _____.</p> |
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