

Class: VII

Date: \_\_\_\_\_

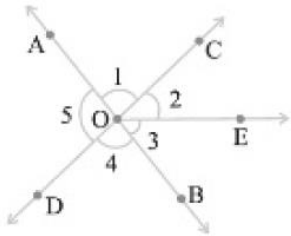
Name: \_\_\_\_\_

Roll No: \_\_\_\_\_

**Q-1. Multiple Choice Questions:**

1. How many points a line segment have?  
A. 2 B. 1 C. 3 D. 0

2. In the following figure which angle is adjacent to  $\angle 1$ ?

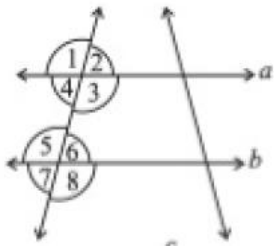


A.  $\angle 3$  B.  $\angle 2$  C.  $\angle 5$  D. both B and C

3. If a line is a transversal to three lines, how many points of intersections are there?

A. 1 B. 2 C. 3 D. 4

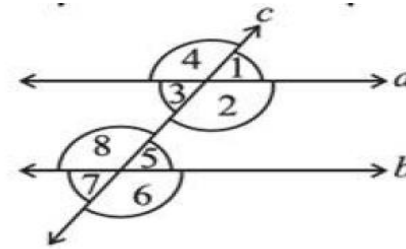
4. State the property that is used below: If  $a \parallel b$ , then  $\angle 1 = \angle 5$ .



A. alternate interior angles B. pair of interior angle  
C. vertically opposite angles D. corresponding angles

**Q-2 Fill in the blanks:**

5. When the sum of the measures of two angles is  $90^\circ$ , the angles are called \_\_\_\_\_.
6. \_\_\_\_\_ angles have a common vertex and a common arm but no common interior points.
7. When two lines intersect, the vertically opposite angles so formed are \_\_\_\_\_.
8. Two lines  $l$  and  $m$  intersect if they have a point in \_\_\_\_\_.
9. When a transversal cuts two lines, such that pairs of corresponding angles are equal, then the lines have to be \_\_\_\_\_.
10. In the following figure, identify the pairs of corresponding angles.



**Answer Key**

1. a
2. d
3. c
4. d
5. complementary angles
6. Adjacent
7. equal
8. common
9. parallel
10.  $\angle 1$  and  $\angle 5$ ,  $\angle 2$  and  $\angle 6$ ,  $\angle 4$  and  $\angle 8$ ,  $\angle 3$  and  $\angle 7$