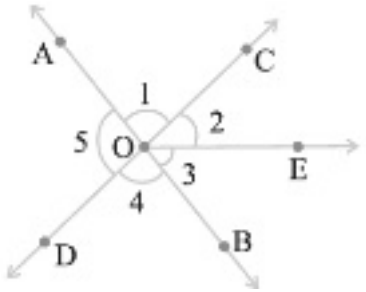
# CBSE Worksheet-1

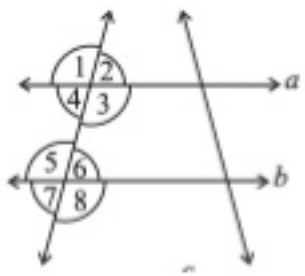
## CLASS – VII Mathematics (Lines and Angles)

**Choose correct option in questions 1 to 4.**

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 ∠1?




   a. ∠3
   b. ∠2
   c. ∠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 ∠1 = ∠5.

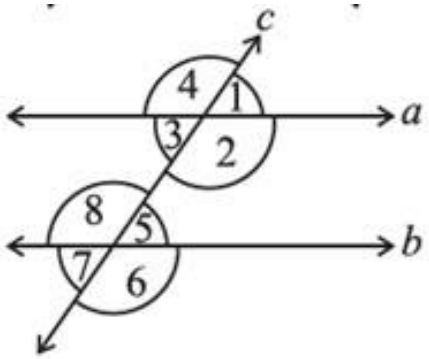



   a. alternate interior angles

b. pair of interior angle
c. vertically opposite angles
d. corresponding angles

**Fill in the blanks:**

5. When the sum of the measures of two angles is 90°, 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.



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**Answer key**

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