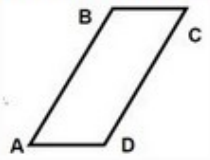
1. Which of the pair of adjacent angles in the given figure?



a. ∠B, ∠D

b. ∠B, ∠C

c. None of these

d. ∠A, ∠C

2. How many lines pass through one given point?

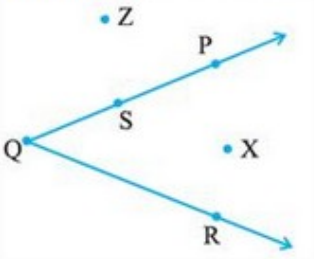
a. Two

b. One

c. Three

d. Count less

3. Point P is _____.



a. in the exterior of the angle

b. on the angle

c. in the interior of the angle

d. away from the angle

4. Measure of the two angles between hour and minute hands of a clock at 9 O' clock are

   a. $270^{\circ}, 90^{\circ}$

   b. $60^{\circ}, 300^{\circ}$

   c. $75^{\circ}, 285^{\circ}$

   d. $30^{\circ}, 330^{\circ}$

5. Radius of a circle is _____.

   a. half its diameter

   b. thrice its diameter

   c. one-fourth its diameter

   d. 4 times its diameter.

6. **Match the following:-**

Column A	**Column B**
1. Every circle has a point at	(a) Diameter
2. Line segment passing through the centre of a circle	(b) Centre
3. Half of the diameter	(c) Arc
4. The path in the circle formed from two points on the circle	(d) Radius

7. **Fill up the following:**

a. _____ has no length, breadth, height or thickness.

b. A line segment has a definite _____ .

c. Curves that do not intersect themselves are called _____ curves.

d. An 'angle' is made up of _____ rays having a common end point.

8. **State true or false:**

a. A point indicates a definite position.

b. A line segment is a part of a plane.

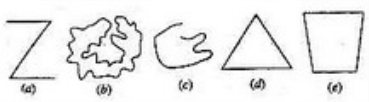
c. A line is a set of points closely arranged.

d. Two lines in a plane always intersect in a point.

9. Classify the following curves as

i. open

ii. closed.



10. Draw rough diagrams to illustrate the following :

a. Open curve.

b. Closed curve.

11. How many end points a line segment have?

12. Illustrate, if possible, each one of the following with a rough diagram :

a. A closed curve that is not a polygon.

b. An open curve made up entirely of line segments.

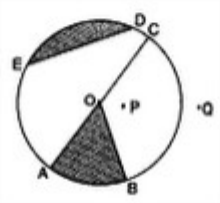
c. A polygon with two sides.

13. From the figure identify

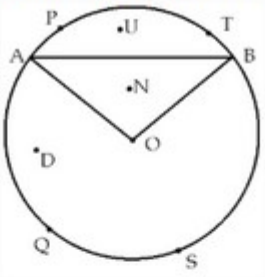
a. the centre of circle.

b. three radii

c. a diameter



14. Write the points which are:



i. in the minor sector OAPB
ii. minor segment ATB
iii. major sector OAQB
iv. major arc AQB
v. minor arc APB

15. Define the following terms:

i. Line segment,
ii. Line,
iii. Intersecting lines,
iv. Parallel lines