

Class 9 Maths Chapter 6 Lines and Angles MCQs - Practice Questions

1. If three or more points lie on the same line, they are called _____.
(a) Non collinear Points
(b) Collinear points
(c) Both (a) and (b)
(d) None of the above
2. The rays making an angle are called the _____ of the angle and the end point is called the _____ of the angle.
(a) Edge, Arms
(b) Vertex, Arms
(c) Arms, Vertex
(d) None of the above
3. Two angles whose sum is equal to 90° is called _____.
(a) Vertical angles
(b) Complementary angles
(c) Adjacent angles
(d) Supplementary angles
4. If a ray stands on a line, then the sum of two adjacent angles so formed is _____.
(a) 30°
(b) 60°
(c) 90°
(d) 180°
5. If two lines intersect each other, then the _____ are equal.
(a) Vertically opposite angles
(b) Adjacent angles
(c) Complementary angles
(d) Supplementary angles
6. When two angles have a common arm and common vertex and their non-common arm are on different sides of common arm, then they are called _____.
(a) Vertically opposite angles
(b) Adjacent angles
(c) Complementary angles
(d) Supplementary angles

7. What is the linear pair angle of 60° ?

- (a) 30°
- (b) 90°
- (c) 120°
- (d) 160°

8. A line which intersects two or more lines at distinct points is called a _____

- (a) Parallel lines
- (b) Perpendicular lines
- (c) Transversal
- (d) None of the above

9. Interior angles on the same side of the transversal are also referred to as

- (a) Consecutive interior angles
- (b) Allied angles
- (c) Co-interior angles
- (d) All of the above

10. Lines which are parallel to the same line are _____ to each other.

- (a) Parallel
- (b) Perpendicular
- (c) Intersecting
- (d) None of the above

******* ANSWER KEY *******

- | | | | | |
|---------|---------|---------|---------|----------|
| 1 - (b) | 2 - (c) | 3 - (b) | 4 - (d) | 5 - (a) |
| 6 - (b) | 7 - (c) | 8 - (c) | 9 - (d) | 10 - (a) |