

Class 9 - Maths
Lines and Angles – Quiz -1
(1 Mark Questions)

1. Complimentary angles make the sum of -

- (a) 360°
- (b) 180°
- (c) 90°
- (d) None of these

Ans (c) 90°

2. Supplementary angles make the sum of -

- (a) 360°
- (b) 180°
- (c) 90°
- (d) None of these

Ans (b) 180°

3. If a ray stands on a line, then the sum of two adjacent angles so formed is-

- (a) 90°
- (b) 180°
- (c) 360°
- (d) None of these

Ans (b) 180°

4. If A transversal line intersects two parallel lines, then the corresponding angles will be -

- (a) Less than 90°
- (b) Greater than 180°
- (c) Equal
- (d) Can't say

Ans (c) Equal

5. If A transversal line intersects two parallel lines, and the interior angles on same side has the ratio of 5:7. What will be the measurement of these angles ?

- (a) $60^\circ, 120^\circ$
- (b) $75^\circ, 105^\circ$
- (c) $65^\circ, 115^\circ$
- (d) None of these

Ans (b) $75^\circ, 105^\circ$

6. Which pair of angles can't be linear pair of angles?

- (a) $69^\circ, 111^\circ$
- (b) $150^\circ, 30^\circ$
- (c) $145^\circ, 45^\circ$
- (d) $65^\circ, 115^\circ$

Ans (c) $145^\circ, 45^\circ$

7. In $\triangle ABC$, if $\angle ABC = 70^\circ$ then what will be reflex $\angle ABC$?

- (a) 90°
- (b) 260°
- (c) 290°
- (d) None of these

Ans (c) 290°

8. Two parallel lines can intersect at :

- (a) 2 Points
- (b) 1 Points
- (c) 0 Points
- (d) None of these

Ans (c) 0 Points

9. If two lines intersect each other, then the vertically opposite angles are -

- (a) Equal
- (b) Not equal
- (c) Can't determine
- (d) None of these

Ans (a) Equal

10. If two lines intersect each other, then they make 4 angles at intersecting point, if one angle is equal to 40° . What will be the measure of other 3 angles ?

- (a) $140^\circ, 45^\circ, 140^\circ$
- (b) $140^\circ, 40^\circ, 150^\circ$
- (c) $140^\circ, 40^\circ, 140^\circ$
- (d) None of these

Ans (c) $140^\circ, 40^\circ, 140^\circ$