

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

2. Supplementary angles make the sum of -
 - (a) 360
 - (b) 180
 - (c) 90
 - (d) None of these

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

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

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, 120
- (b) 75, 105
- (c) 65, 115
- (d) None of these

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

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

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

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

8. Two parallel lines can intersect at :

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

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

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) 140,45,140
- (b) 140, 40 , 130

- (c) 140, 40, 140
- (d) None of these