



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

ANSWER SHEET - 15

CLASS -VI



SUBJECT -ALGEB & GEOM CHAPTER 17 - ANGLES & THEIR PROPERTIES
TOPIC - ANGLES AT A POINT

F.M - 15
Date -30 .04.20

I. Multiple choice questions : (Select the correct option) (15)

1. Adjacent angles have a common _____.
a) square **b) vertex** c) triangle d) none of these .
2. Adjacent angles along with common vertex also have a common _____.
a) acute b) rectangle **c) arm** d) none of these .
3. If two angles in the same plane have a common vertex and a common side, but have interiors with no points in common , the angles are _____.
a) adjacent b) vertical c) perpendicular d) none of these .
4. The sum of the adjacent angles on one side of a line is _____.
a) 100° **b) 180°** c) 90° d) none of these .
5. The sum of all the angles at a point each being adjacent to the next is _____.
a) 180° b) 90° **c) 360°** d) none of these .
6. Adjacent angles have _____ with no points in common.
a) outside b) exteriors **c) interiors** d) none of these .
7. 360° can also be called as ____ right angles.
a) 1 **b) 4** c) 5 d) none of these.
8. One of the angles forming a linear pair is an obtuse angle. What kind of angle is the other pair ?
a) reflex **b) acute** c) obtuse d) none of these.
9. If two lines intersect then the vertically opposite angles are _____.
a) unequal **b) equal** c) different d) none of these.
10. Vertically opposite angle is called as _____ angle.
a) vertical b) adjacent c) new d) none of these.

11. Adjacent angles whose two non – common arms are opposite rays, form a ____ pair.

a) linear b) collinear c) perpendicular d) none of these.

12. Vertically opposite angles are _____ equal.

a) never b) sometimes **c) always** d) none of these.

13. The two vertically opposite angles are angle AOB and angle COD. If angle AOB is 90° , then find the measure of angle COD .

a) 18° **b) 90°** c) 50° d) none of these.

14. Angles of a ____ pair are always supplementary.

a) acute b) collinear **c) linear** d) reflex.

15. If two lines intersect, then one pair of vertically opposite angles always consists of acute angles and the other ____ angles.

a) acute b) right **c) obtuse** d) reflex.

By – U. James Riju.