



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Algebra and Geometry

Class: 7

Date: 14.11.20

Duration: 40 min

Worksheet Solution 03

Full Marks: 15

Polygon

Choose the Correct options:

1. The plane with six edges as its sides is called
 - a. quadrilateral
 - b. pentagon
 - c. hexagon**
 - d. octagon
2. The type of polygon in which its all angles and sides are equal is classified as
 - a. regular octagon
 - b. regular hexagon
 - c. regular polygon**
 - d. regular pentagon
3. A plane with eight edges as its sides is classified as
 - a. quadrilateral
 - b. pentagon
 - c. hexagon
 - d. octagon**
4. The plane with five edges as its sides is called
 - a. octagon
 - b. quadrilateral
 - c. pentagon**
 - d. hexagon
5. The polygon is said to be convex polygon if none of its interior angles is
 - a. right angle
 - b. acute angle**
 - c. obtuse angle
 - d. reflex angle
6. The kind of triangle which has two equal sides is
 - a. exterior angle
 - b. equilateral triangle
 - c. isosceles triangle**
 - d. scalene triangle
7. The plane with four edges as its sides is called
 - a. quadrilateral**
 - b. pentagon
 - c. hexagon
 - d. octagon
8. A plane with ten edges as its sides is called
 - a. octagon

- b. decagon**
 - c. pentagon
 - d. hexagon

- 9. A plane which is formed by three straight edges as its sides is called
 - a. triangle**
 - b. quadrilateral
 - c. pentagon
 - d. hexagon

- 10. The right-angled triangle must have
 - a. four right angles
 - b. three right angles
 - c. one right angle**
 - d. two right angles

- 11. The kind of triangle which has no equal side is called
 - a. isosceles triangle
 - b. scalene triangle**
 - c. exterior angle
 - d. equilateral triangle

- 12. The triangles can be classified on the basis of
 - a. the number of equal sides
 - b. the types of angles
 - c. length of line segments
 - d. both a and b**

- 13. The obtuse-angled triangle must have
 - a. four obtuse angles
 - b. three obtuse angles
 - c. two obtuse angles
 - d. one obtuse angle**

- 14. The acute-angled triangle must have
 - a. three acute angles**
 - b. two acute angles
 - c. four acute angles
 - d. only one acute angle

- 15. The plane figure which consists of three or more edges as its sides is called
 - a. polygon**
 - b. equilateral polygon
 - c. scalene triangle
 - d. isosceles triangle