

# Basic Geometry

## Q1- Fill in the blanks.

- 1) The shortest path between two points is called a \_\_\_\_\_.
- 2) A \_\_\_\_\_ has only one end point.
- 3) A line has no \_\_\_\_\_ points.
- 4) The shape which do not begin and end at the same point are called \_\_\_\_\_ shapes.
- 5) The shape which begin and end at the same point are called \_\_\_\_\_ shapes.
- 6) Polygon made up of more than \_\_\_\_\_ line segments.
- 7) The line segments that form a polygon are called the \_\_\_\_\_ of the polygon.
- 8) The intersection of two sides is called a \_\_\_\_\_ of the polygon.
- 9) The name of a shape with five sides is called \_\_\_\_\_.
- 10) The name of a shape with six sides is called \_\_\_\_\_.
- 11) A triangle have \_\_\_\_\_ vertices.
- 12) A quadrilateral is a polygon formed by \_\_\_\_\_ line segments.
- 13) A shape with four sides, where the opposite sides are equal and parallel is called a \_\_\_\_\_.
- 14) A special rectangle whose all four sides are of equal length and having four right angles is called \_\_\_\_\_.
- 15) \_\_\_\_\_ is the longest chord of a circle.
- 16) The distance from the centre to the end point of circle is \_\_\_\_\_.



## Q1- Fill in the blanks.

- 1) The shortest path between two points is called a line .
- 2) A ray has only one end point.
- 3) A line has no end points.
- 4) The shape which do not begin and end at the same point are called open shapes.
- 5) The shape which begin and end at the same point are called closed shapes.
- 6) Polygon made up of more than three line segments.
- 7) The line segments that form a polygon are called the sides of the polygon.
- 8) The intersection of two sides is called a vertex of the polygon.
- 9) The name of a shape with five sides is called pentagon.
- 10) The name of a shape with six sides is called hexagon.
- 11) A triangle have three vertices.
- 12) A quadrilateral is a polygon formed by four line segments.
- 13) A shape with four sides, where the opposite sides are equal and parallel is called a parallelogram.
- 14) A special rectangle whose all four sides are of equal length and having four right angles is called square.
- 15) Diameter is the longest chord of a circle.
- 16) The distance from the centre to the end point of circle is radius.

