CBSE Worksheet-16

CLASS – VI Mathematics (Basic Geometrical Ideas)

Choose correct option in questions 1 to 5.

1.   How many end points a line segment have?
        a.   2   b.   3
        c.   4   d.   5

2.   How many end points a line have?
        a.   1   b.   0
        c.   2   d.   3

3.   How many end points a ray have?
        a.   0   b.   2
        c.   1   d.   3

4.   The end points of the same side of a polygon are called the _____ vertices.
        a.   same   b.   parallel
        c.   different   d.   adjacent

5.   _____ are made when corners are formed.
        a.   angles   b.   line
        c.   ray   d.   line segment

Fill in the blanks:

6.   A point determines a _____.

7.   A _____ extends indefinitely in both directions.

8.   A _____ is a portion of a line.

9.   If a curve does not cross itself, then it is called a _____ curve.

10.   What are vertices and sides of a polygon?

11.   What is a semi-circle?

12.   What is a triangle and a quadrilateral?

Answer key:

1. a
2. b
3. c
4. d
5. a
6. location
7. line
8. ray
9. simple

10. Vertex: The meeting point of a pair of sides is called its vertex.
    Sides: The line segments forming a polygon are called its sides.

11. A diameter of a circle divides it into two equal parts; each part is a semi-circle. A semi-circle is half of a circle.

12. Triangle: A triangle is a three-sided polygon.
    Quadrilateral: A quadrilateral is a four-sided polygon.