

# Maths-6

## Chapter 9: Basic Geometrical Ideas –Worksheet

### MCQs

**1. A part of a line with two endpoints is called:**

- (a) Line      (b) Ray              (c) Line segment              (d) Angle

**2. A figure with three sides is called:**

- (a) Square   (b) Triangle      (c) Pentagon      (d) Hexagon

**3. A line has:**

- (a) One endpoint      (b) Two endpoints      (c) No endpoints      (d) Three endpoints

**4. A point is represented by:**

- (a) A dot    (b) A line    (c) A curve      (d) A surface

**5. A closed figure made of line segments is called:**

- (a) Polygon      (b) Angle    (c) Ray              (d) Line segment

### Fill in the Blanks

1. A \_\_\_\_\_ has no length, breadth or width.
2. A \_\_\_\_\_ extends endlessly in both directions.
3. A ray has \_\_\_\_\_ endpoint(s).
4. A polygon with 4 sides is called a \_\_\_\_\_.
5. The meeting point of two lines is called a \_\_\_\_\_.

### **True or False**

1. A line segment can be measured. (True/False)
2. A triangle has four sides. (True/False)
3. A point shows an exact location. (True/False)
4. All closed figures are polygons. (True/False)
5. A curve may be open or closed. (True/False)