

Name :

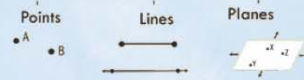
Class :

Points, Lines and Planes

Points are exact locations in space with no dimensions. **Lines** are infinite sets of points extending in both directions with only one dimension (length). **Planes** are flat, two-dimensional surfaces extending infinitely in all directions, defined by at least three non-collinear points.

Points, Lines and Planes

3 BASIC ELEMENTS IN GEOMETRY



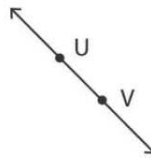
State if each figure is a point, plane, or line and name it.

1)

• B

point

2)



line

3)



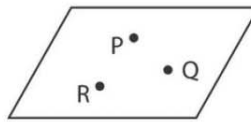
plane

4)



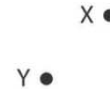
line

5)



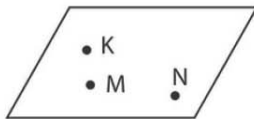
plane

6)



point

7)



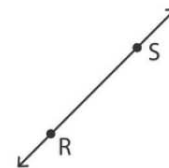
plane

8)



point

9)



line