

Name :

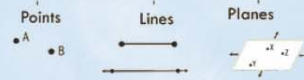
Class :

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



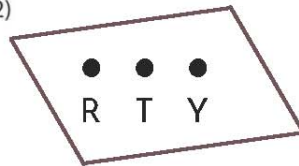
Identify that each figure is Points, Lines, Planes or none

1)



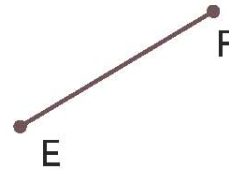
point

2)



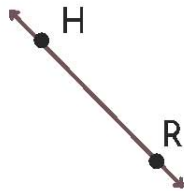
plane

3)



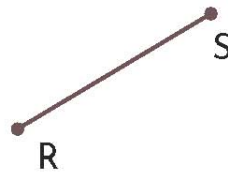
none

4)



line

5)



none

6)



none

7)



line

8)



none

9)



plane