

Name :

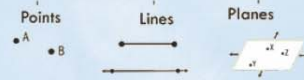
Class :

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



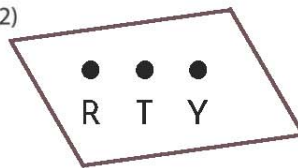
State if each figure is a point, plane, or line and name it.

1)



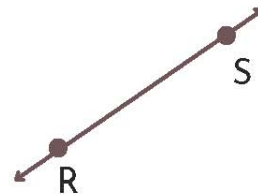
point

2)



plane

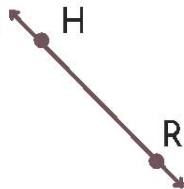
3)



line

Name each figure using symbols

1)



\overleftrightarrow{HR}

2)



point X, Y and Z

3)



plane EFG

Draw and label each of the following

1) point H, K, J and K



2)



3) plane HJKK

