

Name :

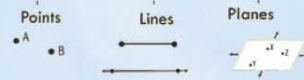
Class :

# Points, Lines and Planes

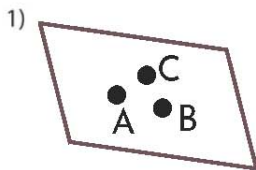
**Points** are exact locations in space with no dimensions. **Lines** are infinite sets of points extending in both directions with only one dimension (length). **Planes** are flat, two-dimensional surfaces extending infinitely in all directions, defined by at least three non-collinear points.

## Points, Lines and Planes

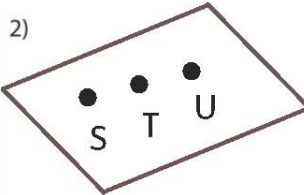
3 BASIC ELEMENTS IN GEOMETRY



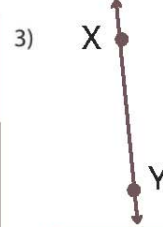
State if each figure is a point, plane, or line and name it.



plane



plane

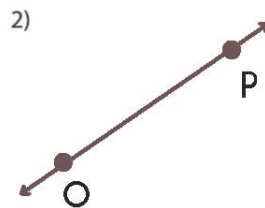


line

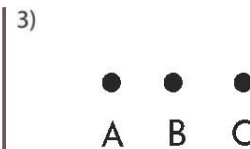
Name each figure using symbols



point HIK

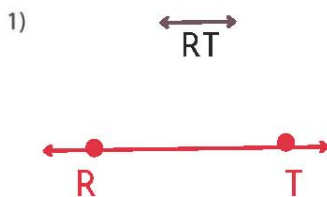


OP



point A, B and C

Draw and label each of the following



2) plane UVWX



3) point B and C

