

Name :

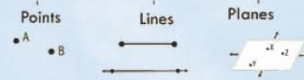
Class :

# Points, Lines and Planes

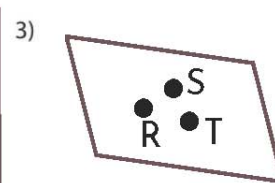
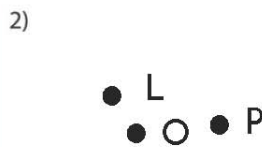
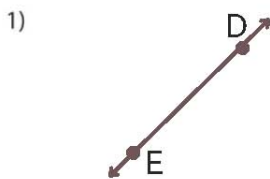
**Points** are exact locations in space with no dimensions. **Lines** are infinite sets of points extending in both directions with only one dimension (length). **Planes** are flat, two-dimensional surfaces extending infinitely in all directions, defined by at least three non-collinear points.

## Points, Lines and Planes

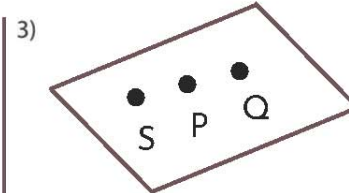
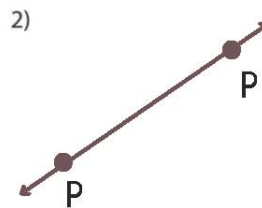
3 BASIC ELEMENTS IN GEOMETRY



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



Name each figure using symbols



Draw and label each of the following



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