

Name :

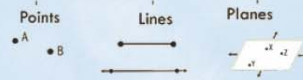
Class :

# 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



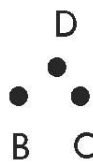
Name each figure using symbols

1)



point B and C

2)



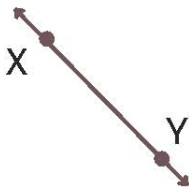
point B, C and D

3)



point H, I, J and K

4)



XY

5)



VW

6)



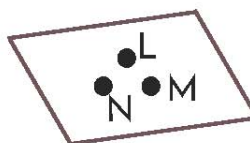
AB

7)



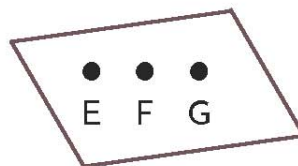
plane PQRS

8)



plane LMN

9)



plane EFG