

§1.1 Basic Terms in Geometry

Term	Properties	Name with	Notation
Point	Represented by a dot	A capital letter	
Line	Composed of points Straight Extends infinitely far in both directions	Two points on the line OR A lower case letter	
Line Segment	Composed of points Straight Has definite beginning and end	Two points that are endpoints	
Ray	Composed of points Straight Begins at an endpoint and extends infinitely far in one direction	The endpoint (always named first) and a point on the ray	
Angle	Composed of two rays with a common endpoint, called a vertex	The letter of the vertex A number inside the angle A point on each ray and the vertex, with the letter of the vertex in the middle.	
Plane	Think of a sheet of paper (One of the undefined terms)	Single letter Three points in the plane	