Name : _____

Points, Lines and Planes

Point	Line	Line segment	Ray	Plane
A point is a location determined by an ordered set of coordinates.	A line is a collection of points along a straight path w no end points.	A line segment is a piece or a part of a	A ray starts at one point and continues infinity.	A plane is a flat surface that is indefinetly large with zero thickness.
A point has zero dimensions.	A line has one dimension.		has one sion.	A plane exists in two dimensions.
Diagrammatic representation: ● P	Diagrammatic representation ⟷ A		ammatic sentation: ⟶ Q	Diagrammatic representation: ●E ●F ●G 𝒯
The symbolic representation of a point is **P** or **Point P**	The symbolic representation line is **AB** or **BA**	line segment is **XY** or **YX**	mbolic sentation of a ray is **PQ**	The symbolic representation of a point is **Plane EFG** or **Plane 𝒯**