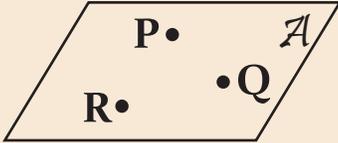


Points, Lines, and Planes

	Description	Figure	Symbol
Point	A point is a geometric element that has zero dimensions.	$A \bullet$	A or Point A
Line	A line is a collection of points along a straight path with no endpoints.		\overleftrightarrow{XY} or \overleftrightarrow{YX}
Ray	A ray is a line with a single endpoint that goes on and on in one direction.		\overrightarrow{MN}
Line Segment	A line segment is a part of a line that contains every point on the line between its endpoints.		\overline{UV} or \overline{VU}
Plane	A plane is a flat surface that extends to infinity.		Plane PQR or Plane \mathcal{A}