


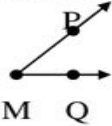


**Objective 091: Points, Lines, Segments, Rays, and Angles**

**Geometric Ideas**

<u>Description</u>	<u>Example</u>	<u>Symbol</u>	<u>Read</u>
A <b>point</b> is an exact location.	• P	no symbol	point P
A <b>line</b> is a straight path that goes on forever in both directions. It has no endpoints.		$\overleftrightarrow{AB}$ or $\overleftrightarrow{BA}$	line AB or line BA
A <b>line segment</b> is part of a line. It has two endpoints.		$\overline{XY}$ or $\overline{YX}$	line segment XY or line segment YX
A <b>ray</b> is a part of a line that begins at one endpoint and goes on forever in only one direction.		$\overrightarrow{MN}$	ray MN
An <b>angle</b> is formed by two rays that have a common endpoint. The endpoint is the <b>vertex</b> .		$\angle PMQ$ $\angle QMP$ or $\angle M$	angle PMQ angle QMP or angle M