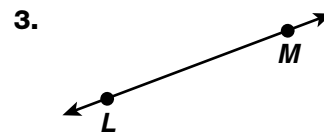
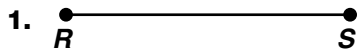


Points, Lines, and Line Segments

<p>Write H, but say and read point H.</p> <p style="text-align: center;">\bullet H</p> <p>A point identifies a location in space.</p>	<p>Write \overleftrightarrow{GH} or \overleftrightarrow{HG}, but say and read line GH or line HG.</p> <p style="text-align: center;">$\leftarrow \bullet \quad \bullet \rightarrow$ $G \quad H$</p> <p>A line extends forever in either direction.</p>	<p>Write \overline{PQ} or \overline{QP}, but say and read line segment PQ or line segment QP.</p> <p style="text-align: center;">$\bullet \quad \bullet$ $P \quad Q$</p> <p>A line segment is a part of a line that has a beginning and an end.</p>
<p>Parallel lines are always the same distance apart. The symbol \parallel means "is parallel to." $\overleftrightarrow{LM} \parallel \overleftrightarrow{NO}$</p> <p style="text-align: center;">$\leftarrow \bullet \quad \bullet \rightarrow$ $L \quad M$ $\leftarrow \bullet \quad \bullet \rightarrow$ $N \quad O$</p>	<p>Intersecting lines cross each other.</p> <p style="text-align: center;">$\swarrow \bullet \quad \bullet \nearrow$ $Y \quad X$ $\swarrow \bullet \quad \bullet \nearrow$ $W \quad Z$</p>	<p>Perpendicular lines form a right angle. The symbol for perpendicular lines is \perp. $\overleftrightarrow{PQ} \perp \overleftrightarrow{RS}$</p> <p style="text-align: center;">$\uparrow \bullet \quad \bullet \rightarrow$ $R \quad P$ $\downarrow \bullet \quad \bullet \rightarrow$ $Q \quad S$</p>

Use words and symbols to name each figure.



Write *parallel*, *intersecting*, or *perpendicular* to describe the relationship between each pair of angles.

