Geometric Ideas
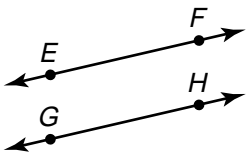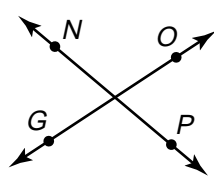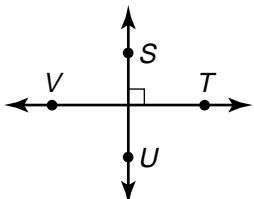
Lines, line segments, and rays are basic geometric ideas. They are sometimes described by the relationship they have to other lines, line segments, and rays.

Draw	Write	Say	Description
	$\overleftrightarrow{EF} \parallel \overleftrightarrow{GH}$	Line *EF* is parallel to line *GH*.	$\overleftrightarrow{EF}$ and $\overleftrightarrow{GH}$ are parallel lines. They are the same distance apart and will not cross each other.
	$\overleftrightarrow{NP}$ intersects $\overleftrightarrow{GO}$	Line *NP* intersects line *GO*.	$\overleftrightarrow{NP}$ and $\overleftrightarrow{GO}$ are intersecting lines. They pass through the same point.
	$\overleftrightarrow{SU} \perp \overleftrightarrow{VT}$	Line *SU* is perpendicular to line *VT*.	$\overleftrightarrow{SU}$ and $\overleftrightarrow{VT}$ are perpendicular lines. They intersect and form square corners.

Use the diagram at the right. Name the following.

1. two parallel lines   _____

2. a line segment   _____

3. two perpendicular
   lines   _____

4. two lines   _____

5. a ray   _____

6. two perpendicular rays   _____

7. a point   _____