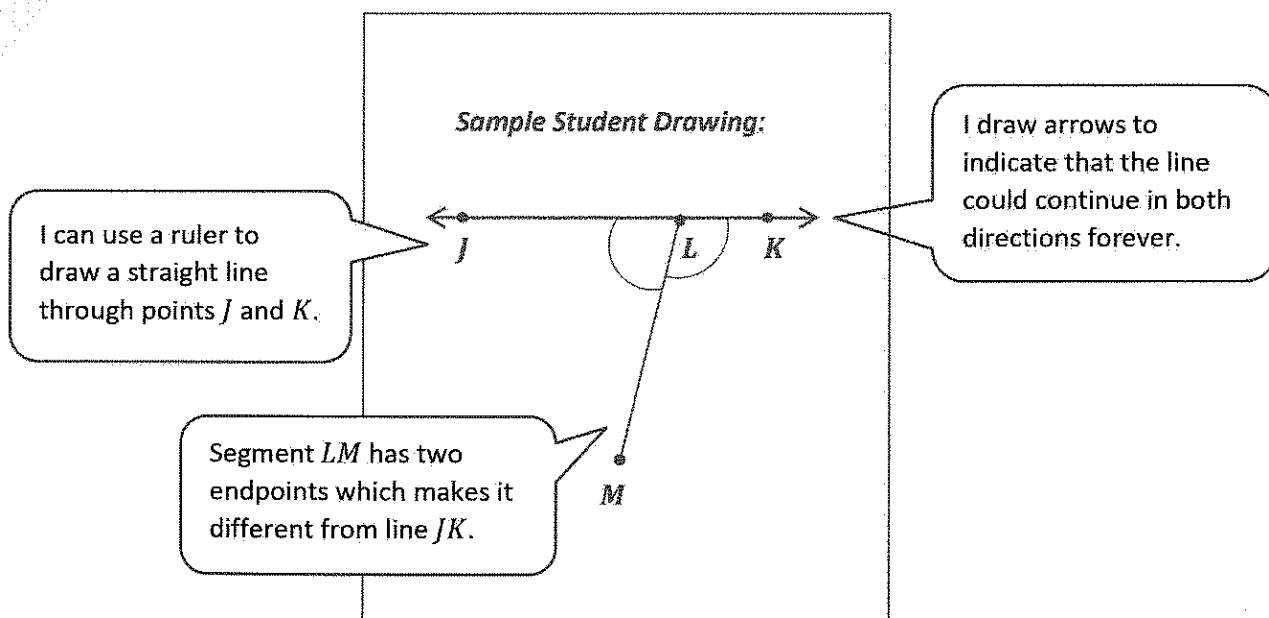
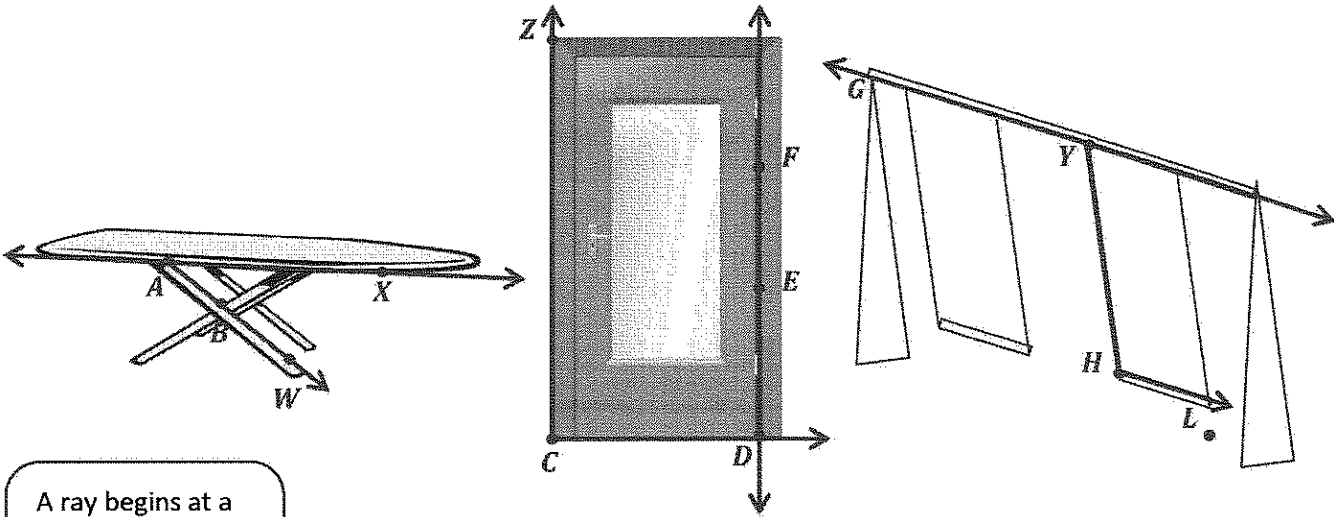


G4-M4-Lesson 1

1. Use the following directions to draw a figure in the box below.
 - a. Draw two points: J and K .
 - b. Use a straightedge to draw \overleftrightarrow{JK} . I read this as "line JK ."
 - c. Draw a new point that is on \overleftrightarrow{JK} . Label it L .
 - d. Draw a point not on \overleftrightarrow{JK} . Label it M .
 - e. Construct \overline{LM} . I read this as "line segment LM ."
 - f. Use the points you've already labeled to name two angles. $\angle JLM, \angle MLK$
 - g. Identify the angles you've labeled by drawing an arc to indicate the position of the angles.



- 2.
- Observe the familiar figures below. Label some points on each figure.
 - Use those points to label and name representations of each of the following in the table below: ray, line, line segment, and angle. Extend segments to show lines and rays.



A ray begins at a point and extends indefinitely in one direction.

	Ironing Board	Door	Swing Set
Ray	\overrightarrow{AW}	\overrightarrow{CD}	\overrightarrow{HL}
Line	\overleftrightarrow{AX}	\overleftrightarrow{DF}	\overleftrightarrow{GY}
Line Segment	\overline{AB}	\overline{EF}	\overline{YH}
Angle	$\angle WAX$	$\angle ZCD$	$\angle YHL$

I write symbols for angle (\angle), segment ($\overline{\quad}$), ray ($\overrightarrow{\quad}$), and line ($\overleftrightarrow{\quad}$).