

Name _____





Practice Sheet

4.G.1

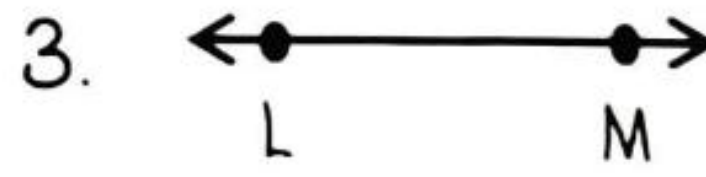
Identify and draw points, lines, line segments, & rays

Points, Lines, Line Segments, & Rays

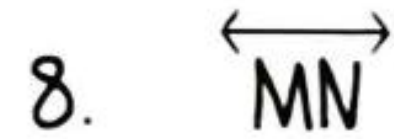
Geometric terms can be used to describe location and position.

Point	Line	Line Segment	Ray
<p>A <u>point</u> names an exact location in space.</p>  <p><u>How to Name It:</u> Point C</p>	<p>A <u>line</u> is a straight path extending in opposite directions without end.</p>  <p><u>How to Name It:</u> line AB; \overleftrightarrow{AB} line BA; \overleftrightarrow{BA}</p>	<p>A <u>line segment</u> is part of a line. It has two endpoints.</p>  <p><u>How to Name It:</u> line segment FG; \overline{FG} line segment GF; \overline{GF}</p>	<p>A <u>ray</u> has one endpoint and extends without end in one direction.</p>  <p><u>How to Name It:</u> ray XY; \overrightarrow{XY}</p>

Name each figure below.



Draw and label an example of the figure. Use a ruler.



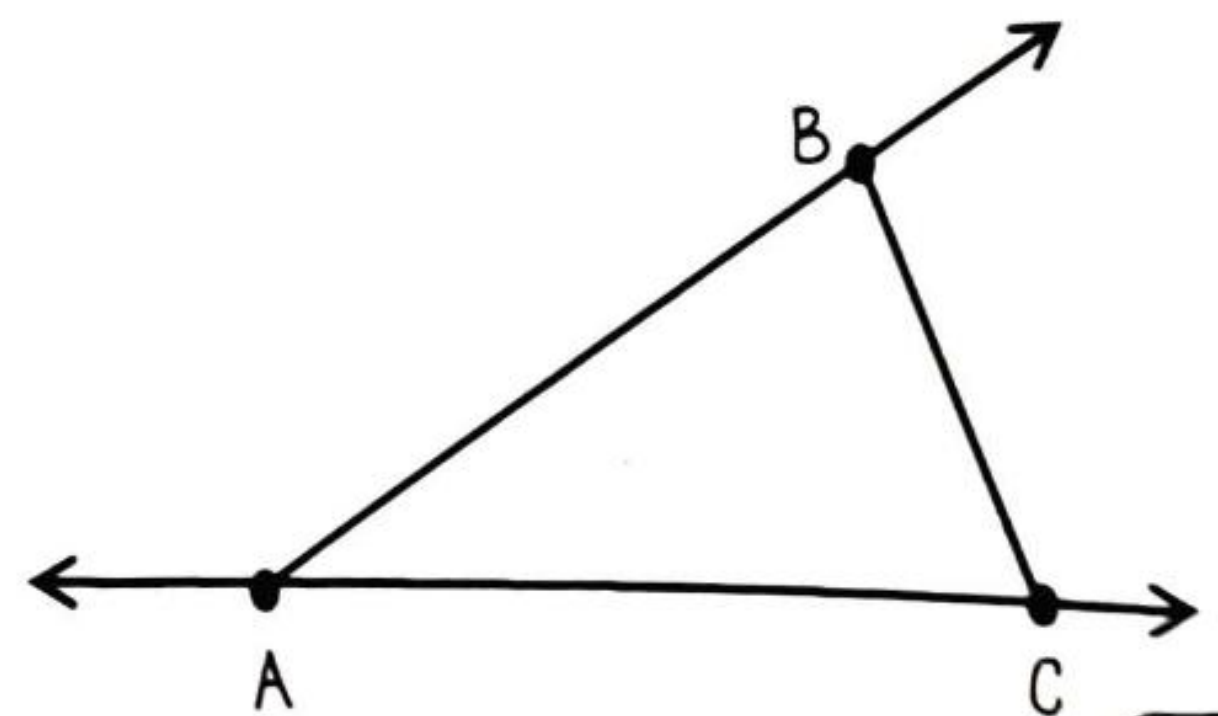
Use the figure to answer questions 9-12.

9. Name a point. _____

10. Name a ray. _____

11. Name a line segment. _____

12. Name a line. _____



Name _____

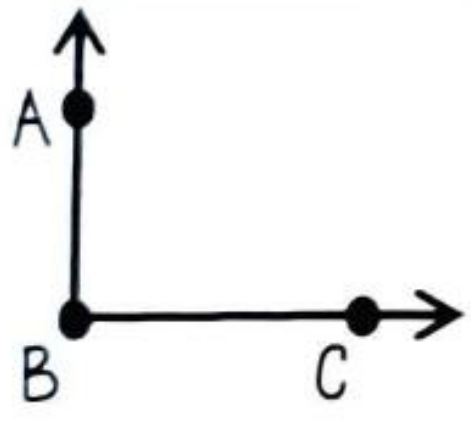
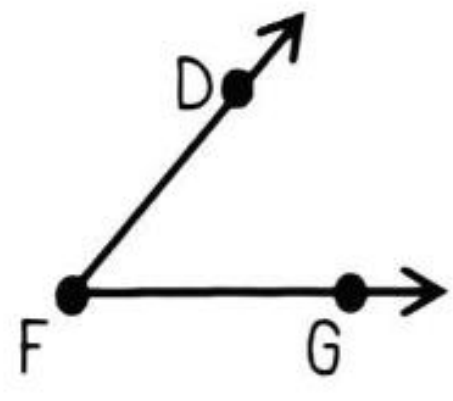
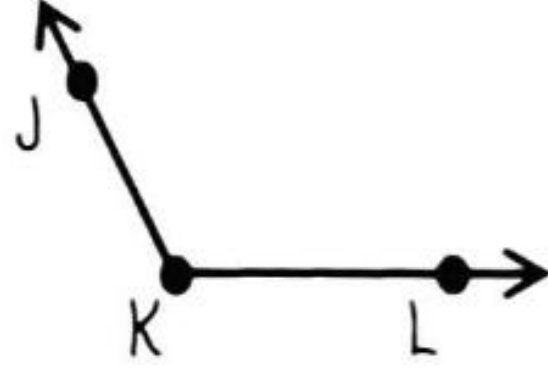
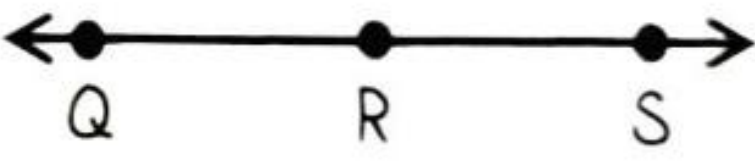
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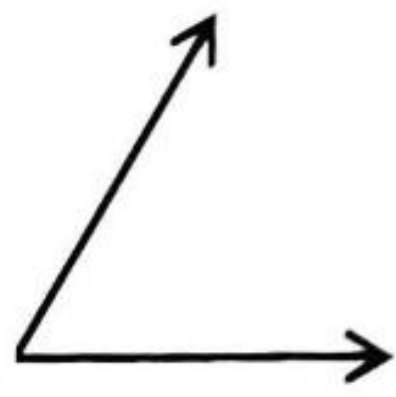
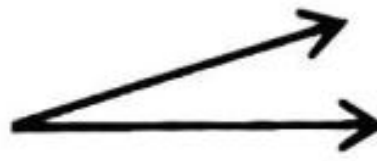
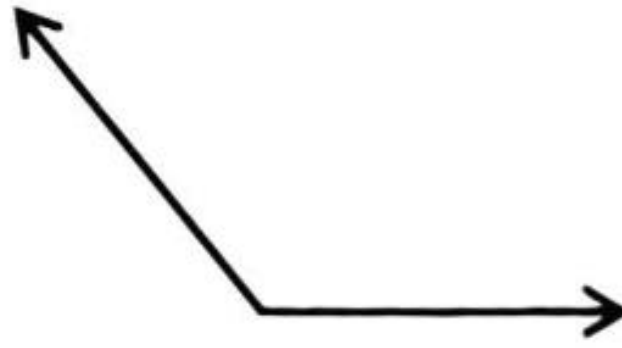


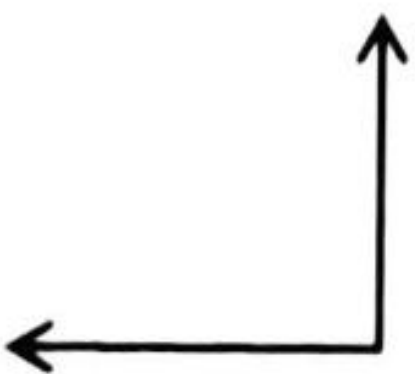


Identify and draw angles

Angles

An angle is formed by two rays or line segments that share the same endpoint. The common endpoint is called the vertex.

Right Angle	Acute Angle	Obtuse Angle	Straight Angle
A <u>right angle</u> forms a square corner.	An <u>acute angle</u> measures LESS than a right angle.	An <u>obtuse angle</u> measure MORE than a right angle.	A <u>straight angle</u> forms a straight line.
Measures 90°	Measures $1 - 89^\circ$	Measures $91 - 179^\circ$	Measures 180°
			
<u>How to Name It:</u> $\angle ABC$; $\angle CBA$	<u>How to Name It:</u> $\angle DFG$; $\angle GFD$	<u>How to Name It:</u> $\angle JKL$; $\angle LKJ$	<u>How to Name It:</u> $\angle QRS$; $\angle SRQ$

Name each angle below as right, acute, obtuse, or straight.

-  _____
-  _____
-  _____
-  _____
-  _____
-  _____
-  _____
-  _____

Draw and label an example of each angle. Use a ruler.

- obtuse $\angle MNO$
- right $\angle BCD$
- straight $\angle XYZ$
- acute $\angle PQR$