

Name _____

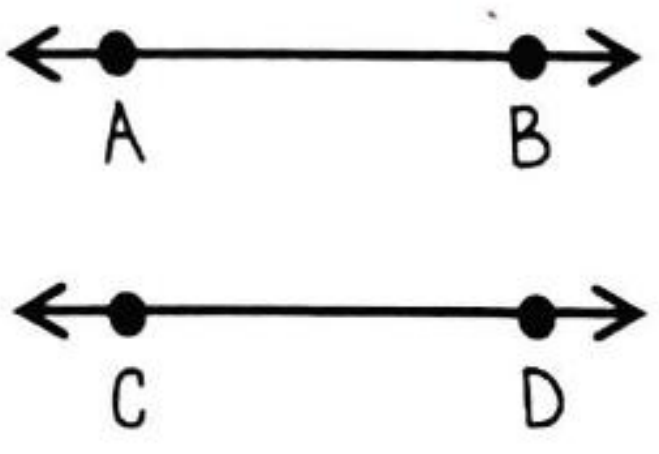
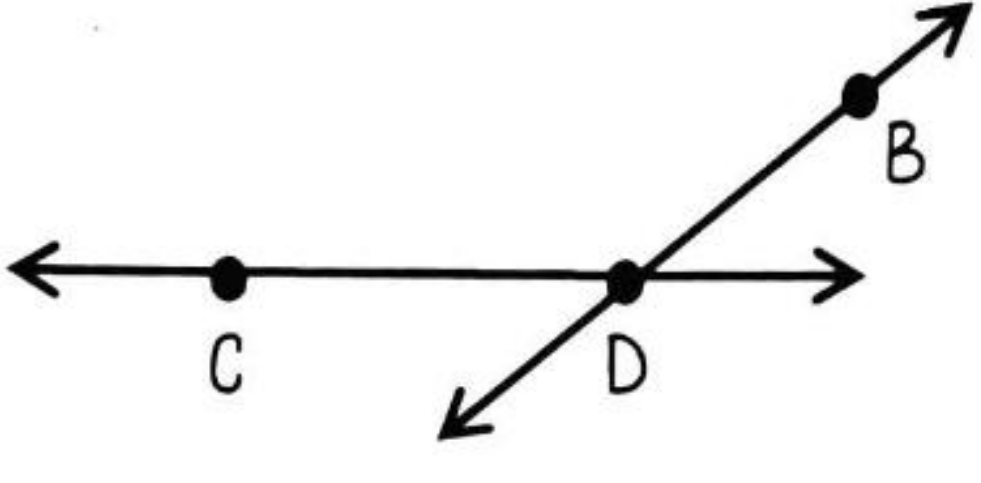
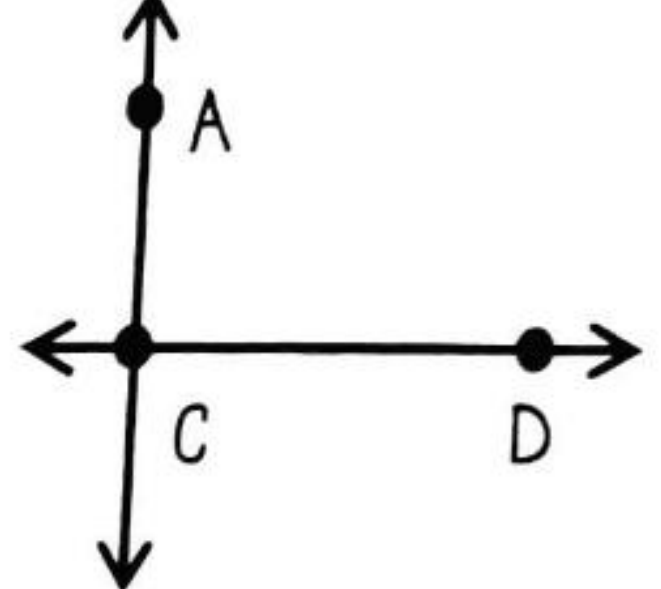
Practice Sheet

4.G.1

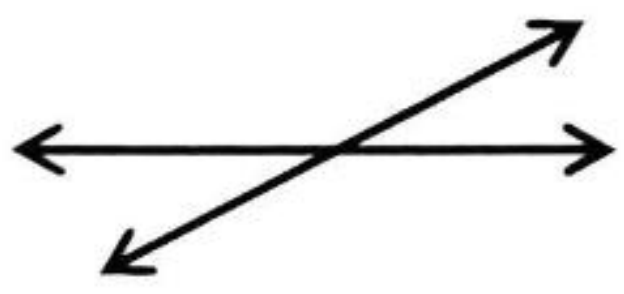
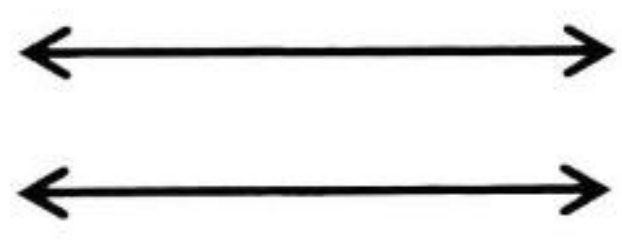
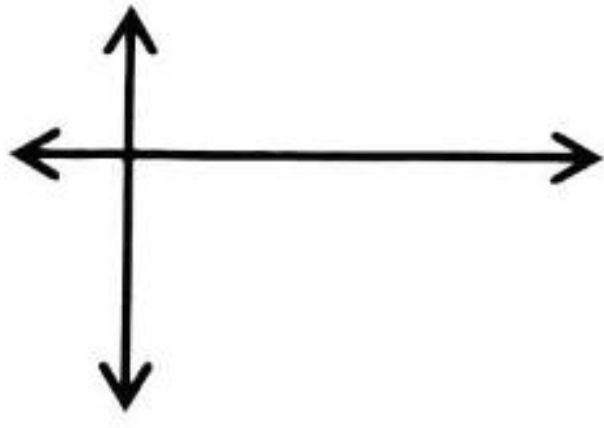
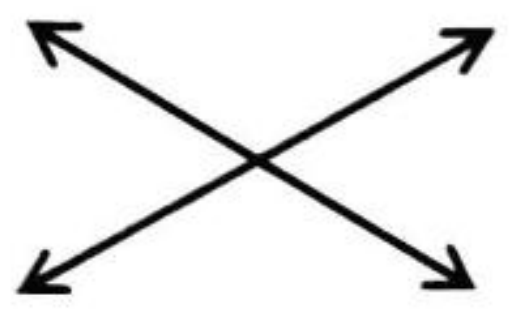
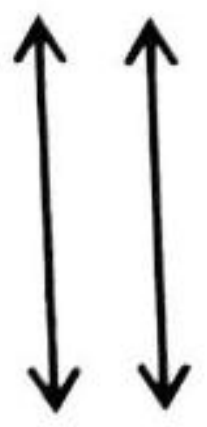
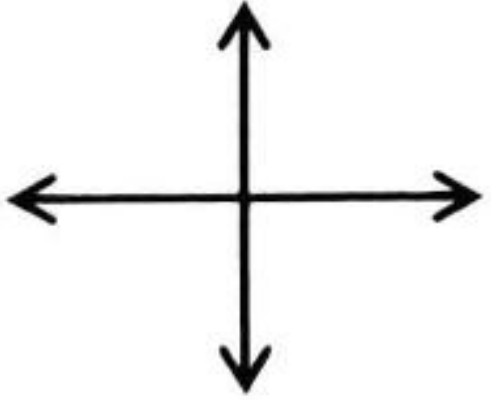
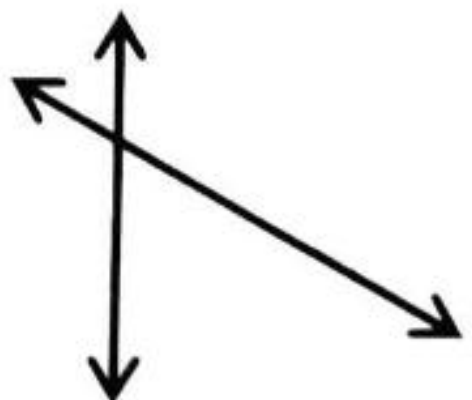
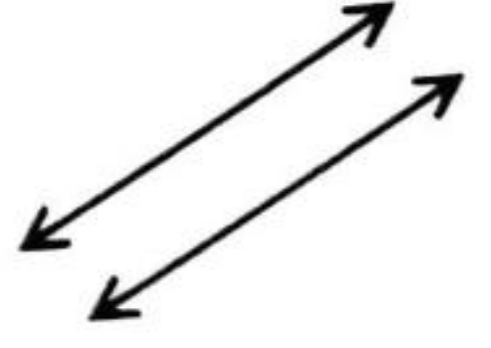
Identify and draw parallel and perpendicular lines

Lines

Pairs of lines are given special names depending on their relationship.

Parallel Lines	Intersecting Lines	Perpendicular Lines
<p><u>Parallel lines</u> never intersect. They are always the same distance apart.</p>  <p>How to Name It: $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$</p>	<p><u>Intersecting lines</u> cross at exactly one point.</p>  <p>How to Name It: \overleftrightarrow{CD} and \overleftrightarrow{DB} intersecting at point D</p>	<p><u>Perpendicular lines</u> are intersecting lines that cross to form right angles.</p>  <p>How to Name It: $\overleftrightarrow{AC} \perp \overleftrightarrow{CD}$</p>

Identify each pair of lines below as parallel, intersecting, or perpendicular.

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

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

- $\overleftrightarrow{JE} \parallel \overleftrightarrow{ML}$
- $\overleftrightarrow{NB} \perp \overleftrightarrow{SP}$
- $\overleftrightarrow{SF} \parallel \overleftrightarrow{CR}$
- \overleftrightarrow{KM} intersects \overleftrightarrow{MT} at point M