



## Chapter 8: Geometry Math Notes

Concept	Picture	Definition
geometry		<hr/> <hr/> <hr/> <hr/>
point		<hr/> <hr/> <hr/> <hr/>
line		<hr/> <hr/> <hr/> <hr/>
line segment		<hr/> <hr/> <hr/> <hr/>
end points		<hr/> <hr/> <hr/> <hr/>
ray		<hr/> <hr/> <hr/> <hr/>

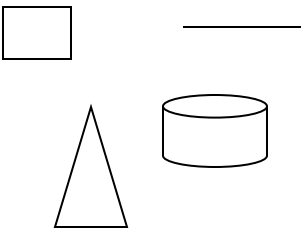

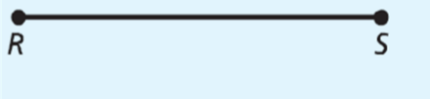
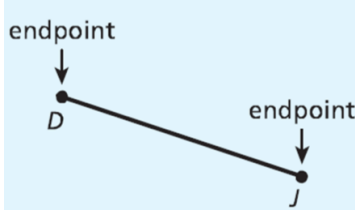

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Concept	Picture	Definition
angle		<hr/> <hr/> <hr/> <hr/>
Vertex		<hr/> <hr/> <hr/> <hr/>
right angle		<hr/> <hr/> <hr/> <hr/>
acute angle		<hr/> <hr/> <hr/> <hr/>
obtuse angle		<hr/> <hr/> <hr/> <hr/>

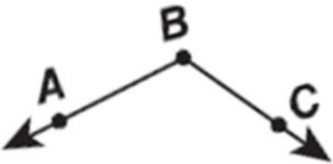
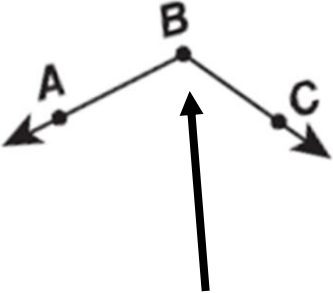
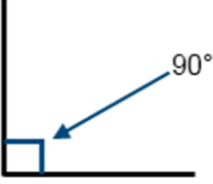
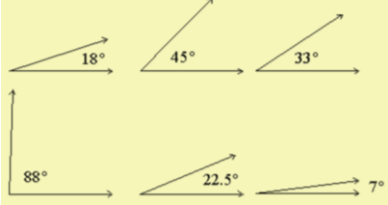
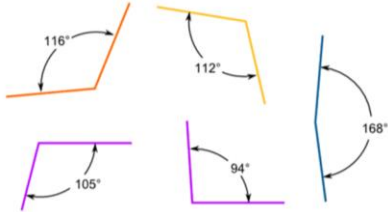
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Concept	Picture	Definition
geometry		<p>The study of the measurement of shapes, lines, and angles. (class definition)</p>
point	<p style="text-align: center;">A • Name: Point A or ·A</p>	<p>is represented by a dot. Points in a row form a line</p>
line	 <p style="text-align: center;">Name: Line AB or <math>\overleftrightarrow{AB}</math></p>	<p>a line is a straight path that goes forever in both directions.</p>
line segment	 <p style="text-align: center;">Name: Line segment RS or <math>\overline{RS}</math></p>	<p>is a part of a line. It has two ends called endpoints.</p>
end points		<p>an end of a line.</p>
ray	 <p style="text-align: center;">Name: Ray GK or <math>\overrightarrow{GK}</math></p>	<p>starts at an end point and goes on forever in ONE direction.</p>



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angle	 <p style="text-align: center;">Name: Angle ABC or <math>\angle</math> ABD</p>	<p>is formed by 2 rays with the same endpoint called a vertex.</p>
Vertex		<p>where 2 rays meet to form an angle.</p>
right angle	 <p style="text-align: center;">We use this symbol to show that it is a 90 degree angle.</p>	<p>an angle that measure exactly 90 degrees.</p>
acute angle		<p>an angle that measures less than 90 degrees</p>
obtuse angle		<p>an angle that measures greater than 90 degrees but less than 180 degrees.</p>