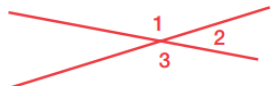

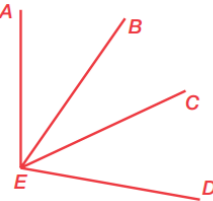



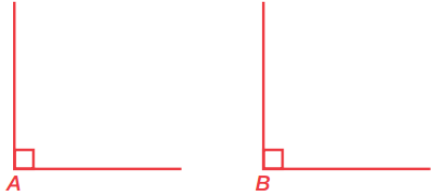



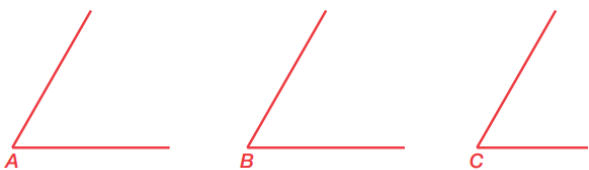
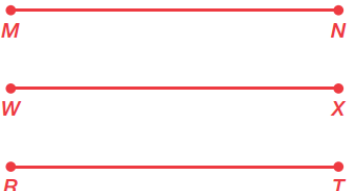
PROPERTIES OF REAL NUMBERS IN GEOMETRY

<p>ADDITION PROPERTY OF EQUALITY - ANGLES</p> <p>If $m\angle 1 = m\angle 3$, then $m\angle 1 + m\angle 2 = m\angle 3 + m\angle 2$.</p> 	<p>ADDITION PROPERTY OF EQUALITY - SEGMENTS</p> <p>If $m\overline{AB} = m\overline{CD}$, then $m\overline{AB} + m\overline{BC} = m\overline{CD} + m\overline{BC}$.</p> 
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<p>SUBTRACTION PROPERTY OF EQUALITY - ANGLES</p>	<p>If $m\angle AEC = m\angle BED$, then $m\angle AEC - m\angle BEC = m\angle BED - m\angle BEC$. So, $m\angle AEB = m\angle CED$.</p> 
<p>SUBTRACTION PROPERTY OF EQUALITY - SEGMENTS</p>	<p>If $m\overline{AC} = m\overline{BD}$, then $m\overline{AC} - m\overline{BC} = m\overline{BD} - m\overline{BC}$. So, $m\overline{AB} = m\overline{CD}$.</p> 

<p>REFLEXIVE PROPERTY - ANGLES</p> <p>$\angle A \cong \angle A$</p> 	<p>REFLEXIVE PROPERTY - SEGMENTS</p> <p>$\overline{CD} \cong \overline{CD}$</p> 
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<p>SUBSTITUTION PROPERTY OF EQUALITY - ANGLES</p>	<p>If $m\angle A = 90^\circ$ and $m\angle B = 90^\circ$, then $m\angle A = m\angle B$.</p> 
<p>SUBSTITUTION PROPERTY OF EQUALITY - SEGMENTS</p>	<p>If $m\overline{CD} = 8$ inches and $m\overline{EF} = 8$ inches, then $m\overline{CD} = m\overline{EF}$.</p> 

<p>TRANSITIVE PROPERTY - ANGLES</p> <p>If $\angle A \cong \angle B$ and $\angle B \cong \angle C$, then $\angle A \cong \angle C$.</p> 	<p>TRANSITIVE PROPERTY - SEGMENTS</p> <p>If $\overline{MN} \cong \overline{WX}$ and $\overline{WX} \cong \overline{RT}$, then $\overline{MN} \cong \overline{RT}$.</p> 
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