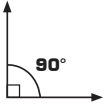
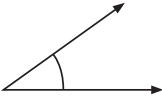
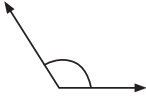



# MATHEMATICS *geometric angles & congruency cases*

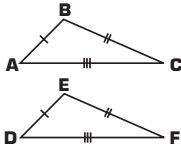


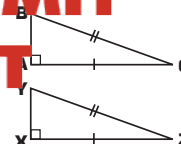
GEOMETRIC ANGLES			
 <p><b>A right angle is exactly <math>90^\circ</math></b></p>	 <p><b>An acute angle is less than <math>90^\circ</math></b></p>	 <p><b>An obtuse angle is greater than <math>90^\circ</math></b></p>	 <p><b>A straight angle is exactly <math>180^\circ</math></b></p>

 <p><b>Complementary angles add up to <math>90^\circ</math></b></p>	 <p><b>Supplementary angles add up to <math>180^\circ</math></b></p>	 <p><b>One complete angle of rotation = <math>360^\circ</math></b></p>
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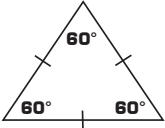
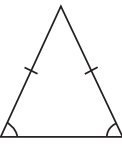
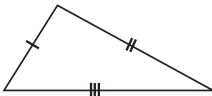
**REVIEW ONLY**

School Datebooks

## GEOMETRIC CONGRUENCY CASES

S.S.S. POSTULATE	S.A.S. POSTULATE	A.S.A. POSTULATE	H.S. POSTULATE (RIGHT $\Delta$ 'S ONLY)
 <p><b>Side-Side-Side</b> <math>\Delta ABC \cong \Delta DEF</math></p>	 <p><b>Side-Angle-Side</b> <math>\Delta ABC \cong \Delta LKM</math></p>	 <p><b>Angle-Side-Angle</b> <math>\Delta ABC \cong \Delta PRS</math></p>	 <p><b>Hypotenuse-side</b> <math>\Delta ABC \cong \Delta XYZ</math></p>

**DO NOT SUBMIT FOR PRINT**

EQUILATERAL TRIANGLE	ISOSCELES TRIANGLE	SCALEDNE TRIANGLE
 <p><b>3 Sides of Equal Length</b> <b>3 Angles of <math>60^\circ</math> Each</b></p>	 <p><b>2 Sides of Equal Length</b> <b>2 Base Angles are Equal</b></p>	 <p><b>3 Unequal Sides</b> <b>3 Unequal Angles</b></p>