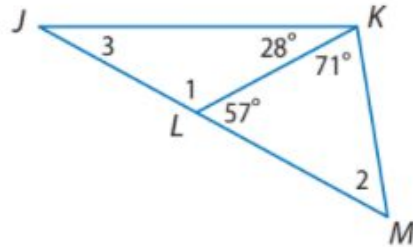


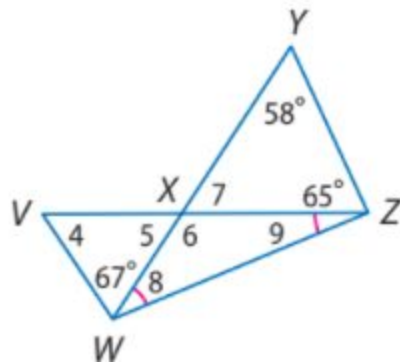
Triangle Angle Sum Theorem	The sum of the measures of the angles of a triangle is _____
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1. Find the measures of each numbered angle:

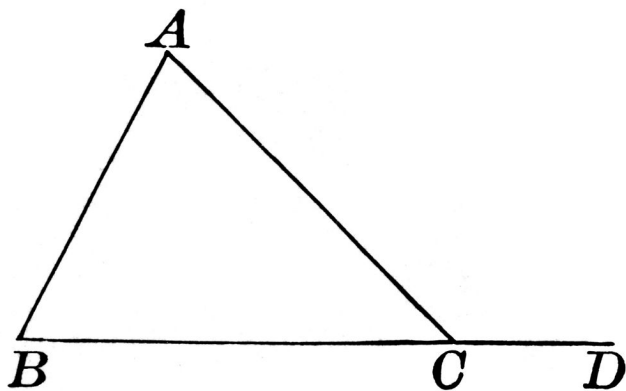
a.

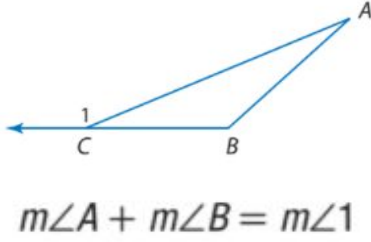


b.



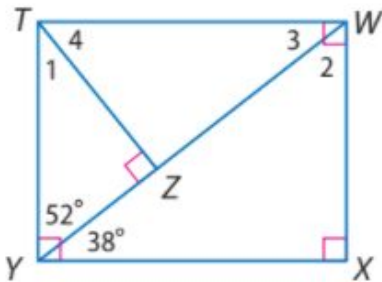
Exterior Angles:



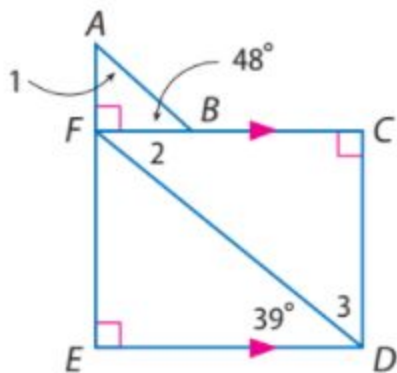
<p>Exterior Angle Theorem</p>	<p>The measure of an exterior angle of a triangle is equal to the sum of the measures of the two remote interior angles</p>	 <p>$m\angle A + m\angle B = m\angle 1$</p>
	<p>The acute angles of a right triangle are complementary</p>	
	<p>There can be at most one right or obtuse angle in a triangle</p>	

2. Find the measures of each numbered angle.

a.

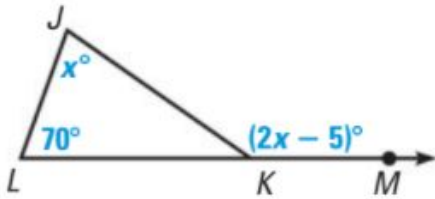


b.

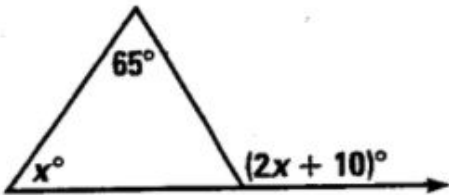


3. Find the value of x :

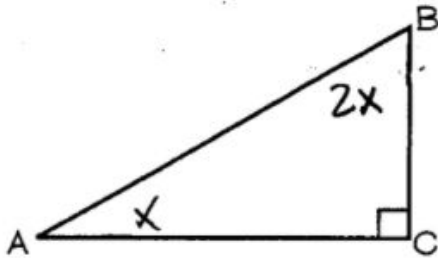
a.



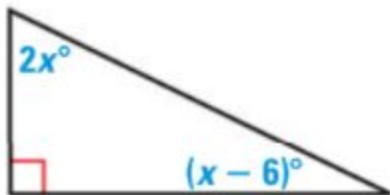
b.



c.

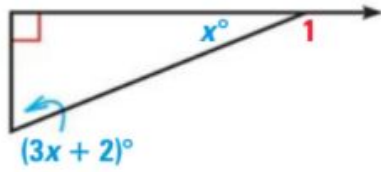


d.

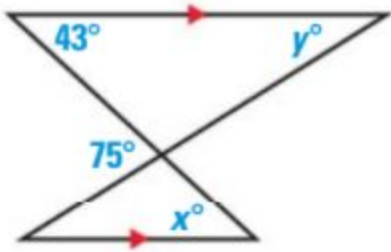


4. Find the measure of the exterior angle

a.



b.



c.

