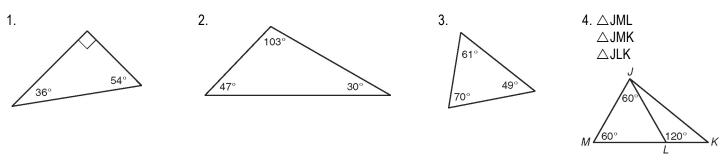
<pre></pre>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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TABLE OF CONTENTS: 11/19 Classifying Triangles			
NEW NOTEBOOK PAGE: 11/19 Classifying Triangles - Name SLO: I can classify triangles based on their properties.			
Assignment Sheet: 11/19 CW: Classifying Triangles Due 11/19 11/19 HW: Classifying Triangles 11/20			
DO NOW SHEET: Name, Pate, Period, and write the converse, inverse, & contrapositive of the statement: "If an angle is bisected, then the angle is divided into 2 congruent angles"			
LESSON: (Record all work in your notebook.)			
Notes (Copy into your notebook and draw a box around them) $A \xrightarrow{C} B$, BC , and AC are the <i>sides</i> of $\triangle ABC$. A, B, and C are the triangle's <i>vertices</i> . Vocabulary: All definitions are <u>biconditional</u> which means that the conditional statement and converse are both true. These are usually written as: "(hypothesis) IF-AND-ONLY-IF (conclusion)" and the flowchart has a two-way arrow.			
	Equiangular triangle	Right triangle	Obtuse triangle
	Given	f Given	↑ Given
Example: A triangle	Three congruent acute angles	One right angle	One obtuse angle
is an acute triangle IF-AND-ONLY-IF it has	Def. equiangular triangle	Def. right triangle	Def. obtuse triangle
three acute angles. Acute triangle			
Given			
Three acute angles	Equilateral triangle	Isosceles triangle	Scalene triangle
Def. acute triangle	Given Three congruent sides	Given At least 2 congruent sides	Given No equal sides
	Def. equilateral triangle	Def. isosceles triangle	Def. scalene triangle

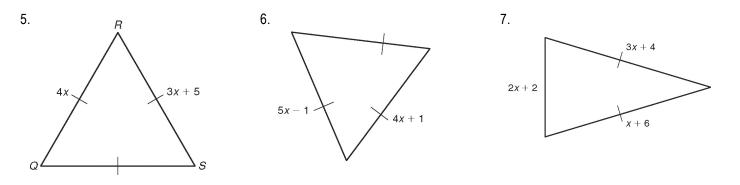
Geometry: Unit 4 Triangles **SLO: I can classify triangles based on their properties.**

CW: In your notebook:

Classify each triangle as one of the 7 types of triangles from the notes.



Classify each triangle as one of the 7 types of triangles from the notes. Use the relationship to write an equation and solve for x.



HOMEWORK: Problems under "Thursday 11/15" on the homework sheet.

