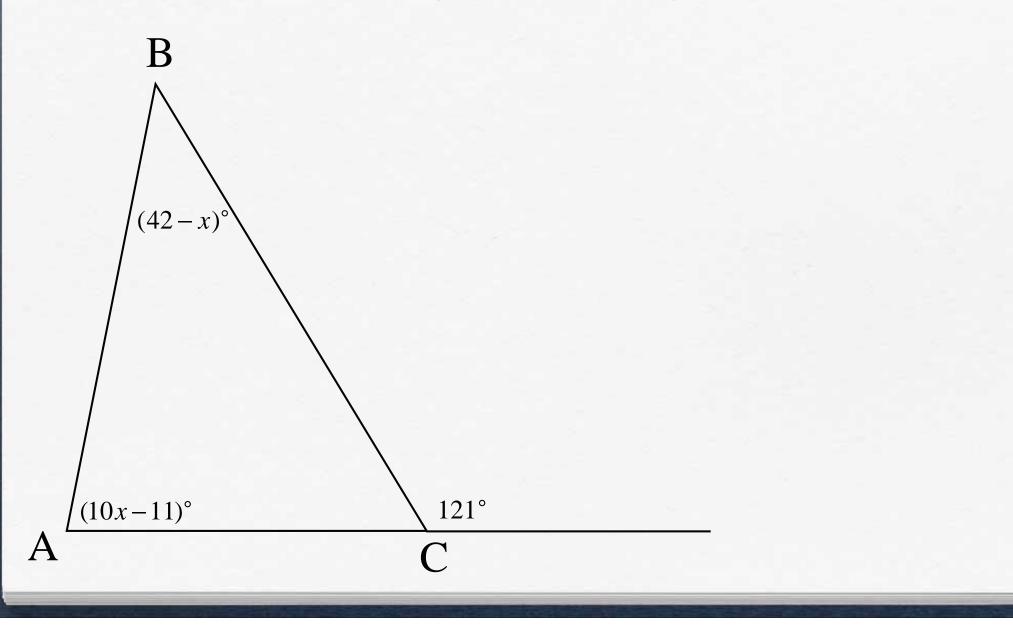
Classifying Triangles by Sides & Angles Equilateral - Three congruent sides Note that they are biconditiona \sim Equiangular - All three angles = 60° Isosceles - Two congruent sides and base 0 angles Scalene - No congruent sides Acute - All three angles < 90°</p> Two acute and Right - One right angle complimentary angles Obtuse - One obtuse angle

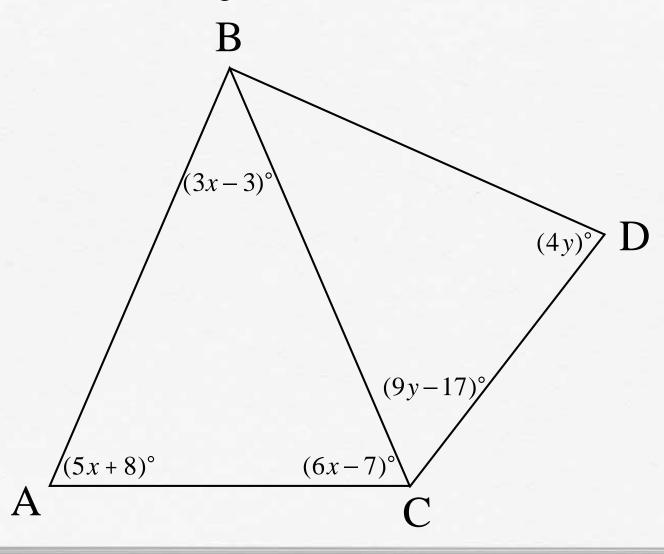
Triangle Practice

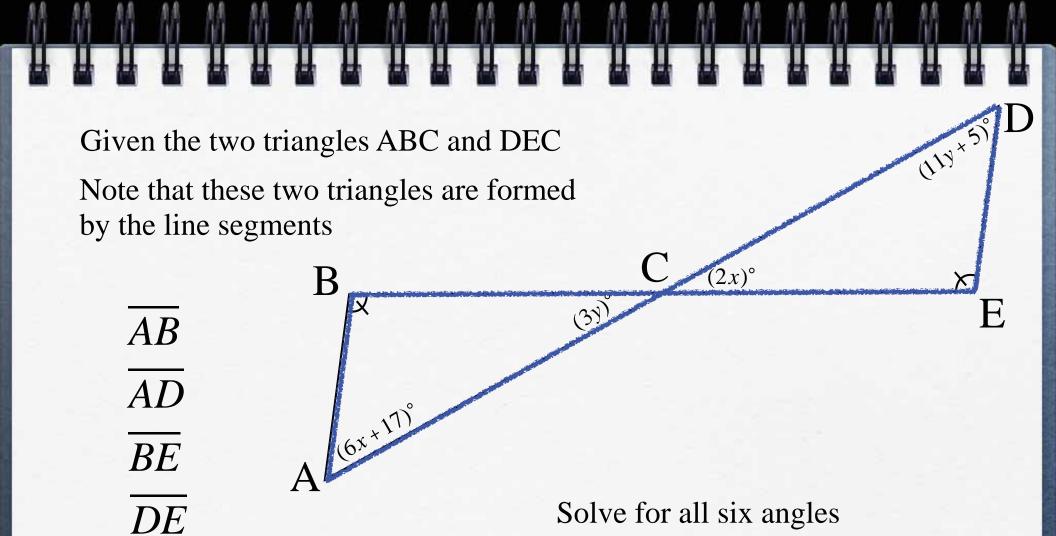


Solve for *x* and find each angle within the triangle

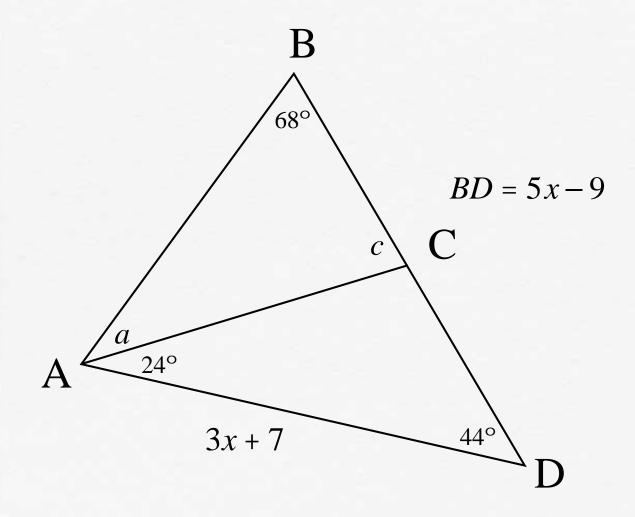


Given $\triangle CBD$, $\triangle ABC$, and $m \angle ABD = 90^{\circ}$, find the missing angles for both triangles





Given $\triangle ABD$, $\triangle ABC$, and $\triangle ACD$, find the missing variables, angles, and determine if any of the triangles are equilateral, or isosceles.



Given the points A(2, 3) B(6, 3) and C(2, 7) classify $\triangle ABC$ by its sides and determine if it is a right triangle

We can just graph it

But what if the right angle isn't so obvious?

Hint 1: Start with the Distance Formula Hint 2: Look for perpendicular slopes