

CLASSIFY By Sides.

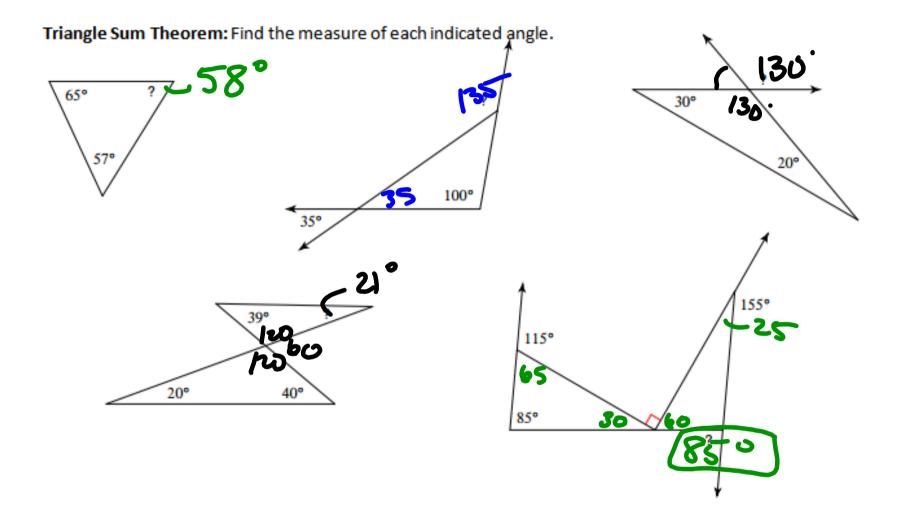
Sketch your own triangle based on the classification provided. Be sure to mark anything necessary to prove the triangle is drawn correctly.

Right, Isosceles

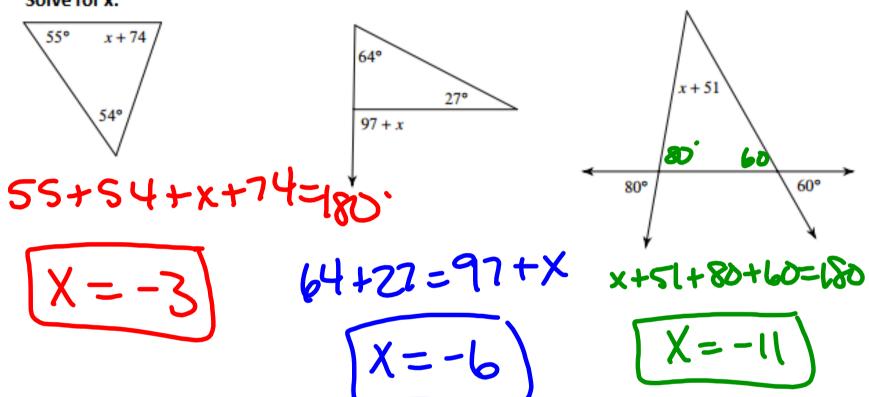
Acute, Scalene

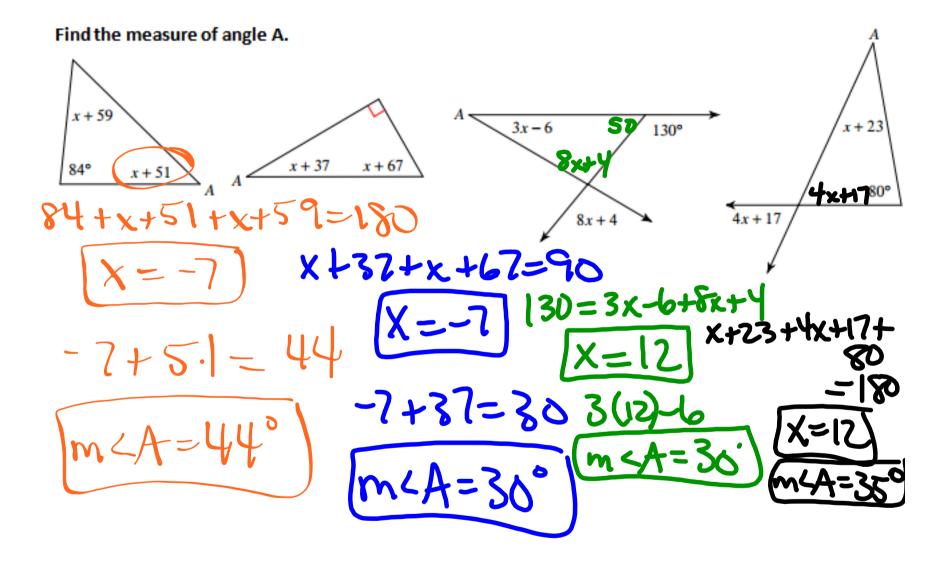
Equilateral, Equiangular

Obtuse, Scalene

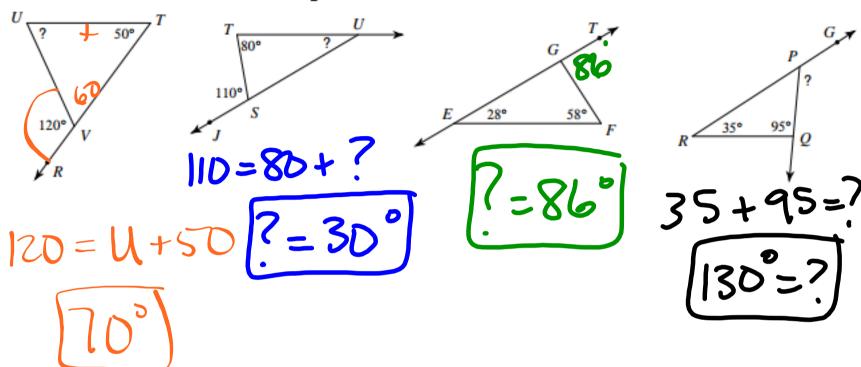


Solve for x.

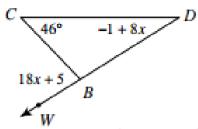




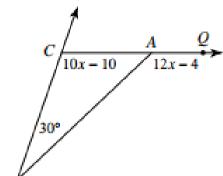
Find the measure of the indicated angle.

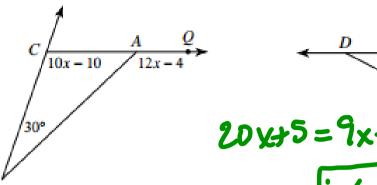


Solve for x.



$$X=4$$





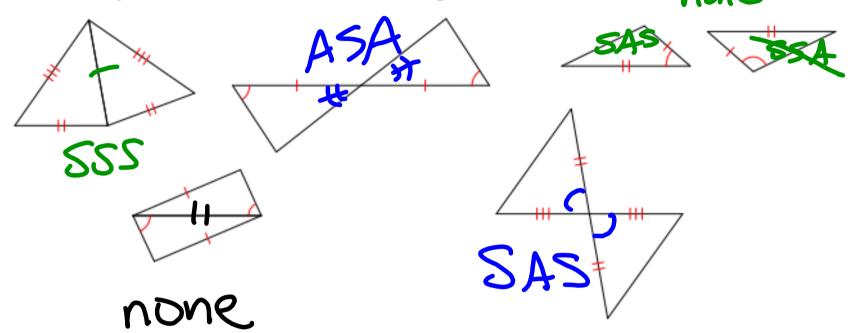
$$30 + 104 - 10 = 12x - 4$$

 $X = 12$

Find the measure of the indicated angle.

Find $m \angle YDC$. Find $m \angle FAB$. Find $m \angle H$. Find $m \angle S$. 5x - 755° 80° 3x + 213x - 314x + 18x + 413x-3=55+3x+Z

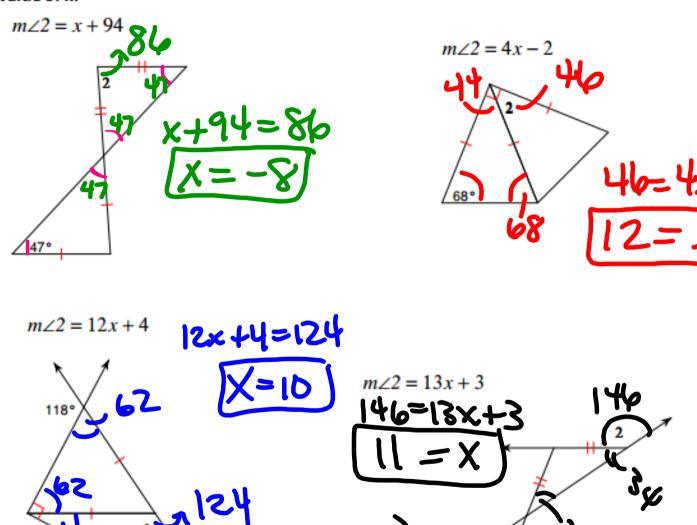
State if the two triangles are congruent. If they are congruent, state how they are congruent. Be sure to make any arc marks and tic marks that are missing.



State the additional information needed to prove the triangles congruent by the given postulate/theorem. Then state the congruence statement.

HLSAS ASA SSS LDUT ~ RS = QD W & W Sut € △DWT

Find the value of x.



Make sure you also know PROOFS and Constructions