Classify each triangle as equilateral, isosceles, or scalene.

3. AABD

exuitations

TERM OLYS



For the triangle, find x and the measure of each side.

ALMN is an isosceles triangle, with LM =LN, LM = 3x -2, LN =2x +1, and MN = 5x -2.



3x-2=2x+1

V= 3

4.2 - Triangle Angle Sum (180 rule

Find each measure.

6. m < 1





4.3 Congruent Triangles

Show that the triangles are congruent by identifying all congruent corresponding parts. Then write a congruence statement for the triangles. DMNL=1ANG

10.



MN = FN LM = LA ML = FQ LL = LQ LN = QN LMNL=ZMLANQ

4.4 - 4.5 Congruence Shortcuts

Identify the postulate or shortcut that can be used to prove the triangles are congruent.

11.



12.



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web using nmr spectroscopy the equilibrium values for different ketones which undergo tautomerization were found by determining relative peak values for each species the value for acetylacetone was found to be k c $6\,622$ and for ethyl acetoacetate was k c $7\,5\,10$

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web nmr determination of keto enol equilibrium constants the nmr spectrum below is for a acetylacetone with cdcl3 as solvent the photos depict the complete nmr spectrum as well more zoomed in areas of each peak demonstrate how to calculate the equilibrium constant for keto to enol comversion kc