2.3: Angles and Triangles

Can we prove that the sum of the measures of the interior angles of any triangle is 180°?





If you are given one interior and one exterior angle of a triangle, can you ALWAYS determine the other interior angles of the triangle? Explain with words and diagrams.



No can't solve for the other 2



Example 3: Determine the measure of \angle NMO, \angle MNO, and \angle QMO

\angle NMO, \angle MNO, and \angle QMO.		
	$LMN0 = 47^{\circ}$	alt.: nt. 25
au la	LNM0 = 94°	Lis in a D
39° 0	20mo = 19°	L'sonaline
220		
N P		
R	THNGS TO	REMEMBER:
	/ Isosceles	1=2 equal angles
P 90 1-7, 9, 11, 14, 15, Triangle w/s		2 equal sides
	Can > Equilater	al D= 3 equal sides
	ised)	and argles (60°)
cu NG	sons (Right Δ	= (cight angle (90°)