	Scalene	Isosceles	Equilateral
By number of congruent	none acute (a13) Right(1)(two Right	three
sides	obtuse (1)	base angles "	2 1

THEOREM	EXAMPLES
Triangle angle sum theorem: The sum of the interior angles of every triangle is 180°.	100° 100° -50° = 30°
Triangle Inequality Theorem: The length of the longest side must be less than the sum of the lengths of the two shorter sides.	Can these three side lengths make a triangle? 3 cm., 10 cm., 12 cm. 3+10-12 13712

