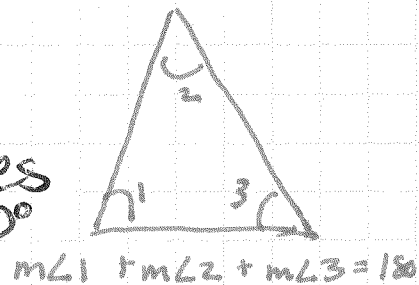


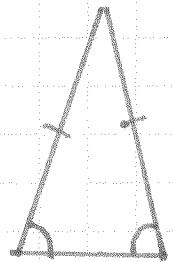
Triangle Sum Conjecture

The sum of the measures of every triangle is 180°



Isosceles Triangle Conjecture

IF a triangle is isosceles, then, its base angles are congruent.



Converse Isosceles Triangle Conjecture

IF a triangle has 2 congruent angles, then it is isosceles.

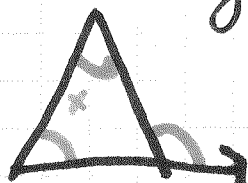
Triangle Inequality Conjecture

The sum of any two lengths of a triangle ~~are~~ is greater than the third side

Side-Angle Inequality Conjecture

In a triangle, if one side is longer than the other side, then the longer side is opposite a larger angle than the angle opposite the shorter side.

Triangle Exterior Angle Conjecture



The measure of the exterior angle of a triangle is the sum of the two opposite interior angles in the triangle.