Vocabulary Sheet for Lesson 3-4 (Part II)
Theorem 3-11: The sum of the measures of the $M \angle A+M \angle B+m \angle C=$
angles in a triangle is $180^{\circ}$.

Definition: Corollary- a statement that can proved easily by applying a theorem. They can be used as reasons in a proof.

Corollary 1: If two angles of one triangle are congruent to two angles of another triangle, then the third angles are congruent.
If $m L A=m L$ the third angles are congruent.
Corollary 3: In a triangle, there can be at most
one right angle or one obtuse angle.
Corollary 4: The acute angles of a right triangle
are complementary.
Definition: Exterior Angle- when one side of a
triangle is extended beyond a vertex point and
exterior angle is formed outside (but adjacent
to) the triangle.


