

LESSON 4-6

Theorem 4-6 (Isosceles Triangle Theorem): If two sides of a triangle are congruent, then the angles opposite these sides are congruent.

Theorem 4-7 (Converse of the Isosceles Triangle Theorem): If two angles of a triangle are congruent, then the sides opposite these angles are congruent.

Corollary 4-3: A triangle is equilateral if and only if it is equiangular.

Corollary 4-4: Each angle of equilateral triangle measures 60° .