

# LESSON 7-3

**Postulate 7-1 (AA Similarity):** If two angles of one triangle are congruent to two angles of another triangle, then the triangles are similar.

**Theorem 7-1 (SSS Similarity):** If the measure of the corresponding sides of two triangles are proportional, then the triangles are similar.

**Theorem 7-2 (SAS Similarity):** If the measure of two sides of a triangle are proportional to the measures of two corresponding sides of another triangle and the included angles are congruent, then the triangles are similar.

**Theorem 7-3:** Similarity of triangles is reflexive, symmetric, and transitive.