



LESSON 7-3

Triangle Similarity: AA, SSS, SAS



5. Get Organized If possible, write a congruence or similarity theorem or postulate in each section of the table. Include a marked diagram for each. (p. 473).

	CONGRUENCE	SIMILARITY
SSS	<p>If three sides of one triangle are congruent to three sides of another triangle, then the triangles are congruent.</p>	<p>If the three sides of one triangle are proportional to the three corresponding sides of another triangle, then the triangles are similar.</p>
SAS	<p>If two sides and the included angle of one triangle are congruent to two sides and the included angle of another triangle, then the triangles are congruent.</p>	<p>If two sides of one triangle are proportional to two sides of another triangle and their included angles are congruent, then the triangles are similar.</p>
AA	None	<p>If two angles of one triangle are congruent to two angles of another triangle, then the triangles are similar.</p>