

Triangle Congruence Theorems Graphic Organizer

Teacher Copy:

Acronym	Definition	Congruence?	Example
SSS	The corresponding sides of the triangles are congruent	Yes	<p>The diagram shows two triangles. Each side of both triangles is marked with a single tick mark, a double tick mark, or a triple tick mark to indicate congruence. The triangles are separated by a congruence symbol (≅). Below the triangles, the acronym "SSS" is written in red.</p>
AAA	The corresponding angles of the triangles are congruent	No	
SAS	Two sides and the included angle of the triangles are congruent	Yes	<p>The diagram shows two triangles. Two sides and the angle between them (the included angle) are marked as congruent. The included angle is marked with a green arc. The sides are marked with single and double tick marks. The triangles are separated by a congruence symbol (≅). Below the triangles, the acronym "SAS" is written in red.</p>
AAS	Two angles and a non-included side of the triangles are congruent	No	<p>The diagram shows two triangles. Two angles and a non-included side are marked as congruent. The angles are marked with green arcs, and the non-included side is marked with double tick marks. The triangles are separated by a congruence symbol (≅). Below the triangles, the acronym "AAS" is written in red.</p>
ASA	Two angles and the included side of the triangles are congruent	Yes	<p>The diagram shows two triangles. Two angles and the side between them (the included side) are marked as congruent. The angles are marked with green arcs, and the included side is marked with a single tick mark. The triangles are separated by a congruence symbol (≅). Below the triangles, the acronym "ASA" is written in red.</p>
SSA	Two sides and a non-included angle of the triangles are congruent	No	

Lesson Three

Student Copy:

Acronym	Definition	Congruence?	Example
SSS			
AAA			
SAS			
AAS			
ASA			
SSA			