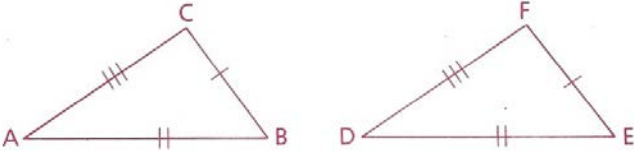
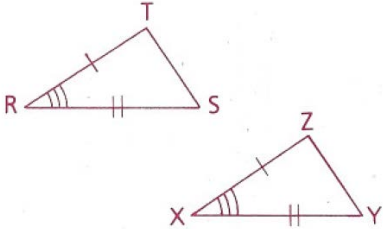
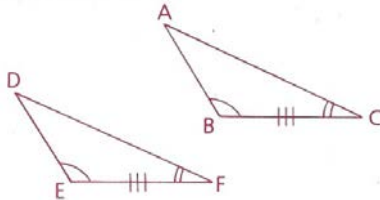
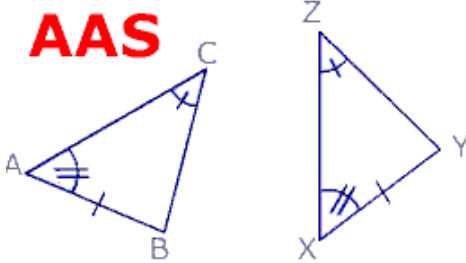
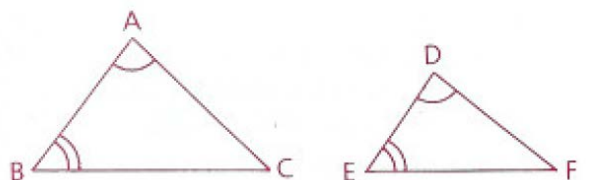
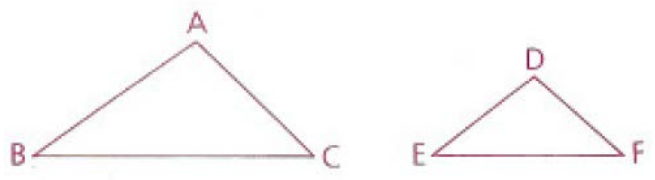


S = side, A = angle

Term	Statement	Picture
SSS Triangle Congruence Theorem	If all 3 corresponding sides of one triangle are congruent to another triangle, then the triangles are congruent.	
SAS Triangle Congruence Theorem	If two corresponding sides and the angle between them are congruent in a pair of triangles, then the triangles are congruent.	
ASA Triangle Congruence Theorem	If two corresponding angles and the side between them are congruent, then the triangles are congruent.	
AAS Triangle Congruence Theorem	If two corresponding angles and the side opposite of one of them are congruent in a pair of triangles, then the triangles are congruent.	<p style="color: red; font-weight: bold; font-size: 1.5em; margin-left: 100px;">AAS</p> 

<p>AA Similarity Theorem</p>	<p>If two corresponding angles are congruent in a pair of triangles, then the triangles are similar</p> <p>*figures with the same shape, but not necessarily the same size are called similar</p>	
<p>SSS Similarity Theorem</p>	<p>If</p> $\frac{AB}{DE} = \frac{BC}{EF} = \frac{AC}{DF}$ <p>then the triangles are similar</p>	
<p>SAS Similarity Theorem</p>	<p>If</p> $\frac{AB}{DE} = \frac{BC}{EF}$ $\angle B \cong \angle E$ <p>then the triangles are similar</p>	