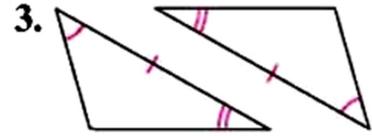
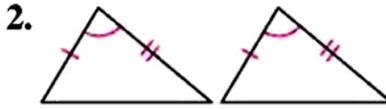
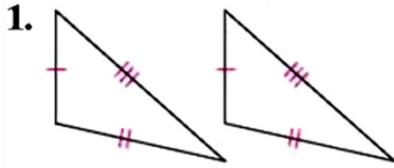


**7-3 Proving Similar Triangles**

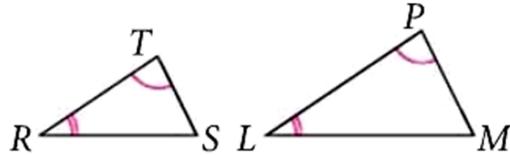
**Warm-up**

Name the postulate or theorem you can use to prove the triangles congruent.



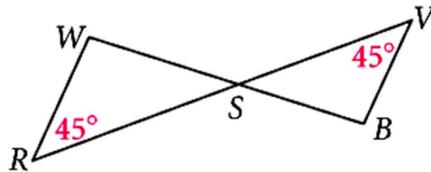
**Notes**

**Angle-Angle Similarity (AA ~) Postulate**



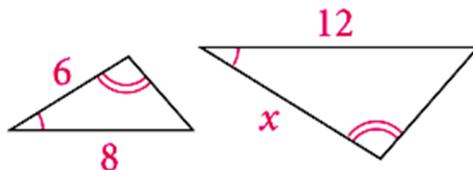
**Similarity Statement**

**Using the AA ~ Postulate**

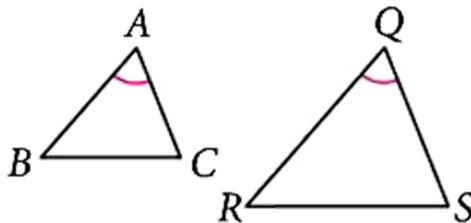


**Similarity Statement**

**Similar?**

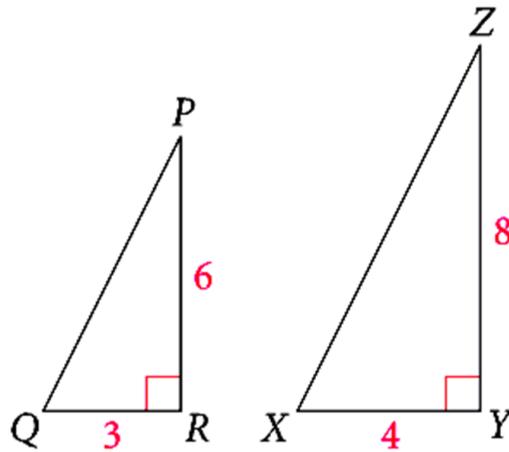


**Side-Angle-Side Similarity (SAS ~) Theorem**



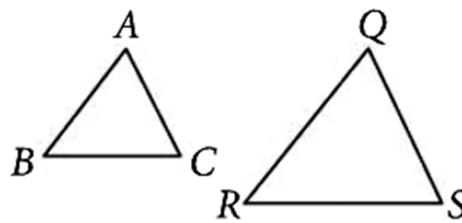
**Similarity Statement**

**Side-Angle-Side  
Similarity  
(SAS ~) Theorem**



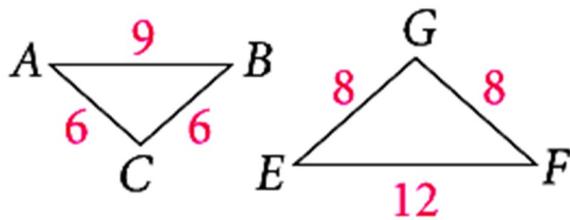
Similarity Statement

**Side-Side-Side  
Similarity  
(SSS ~) Theorem**



Similarity Statement

Similar?



Similarity Statement