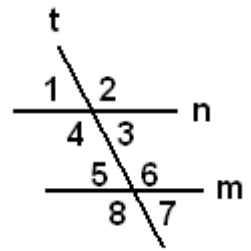




## Parallel Lines and Transversals

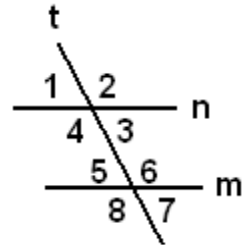
► **Corresponding Angles Postulate (new postulate):**

If a transversal cuts two lines so that the corresponding angles are congruent,  
then the lines are \_\_\_\_\_



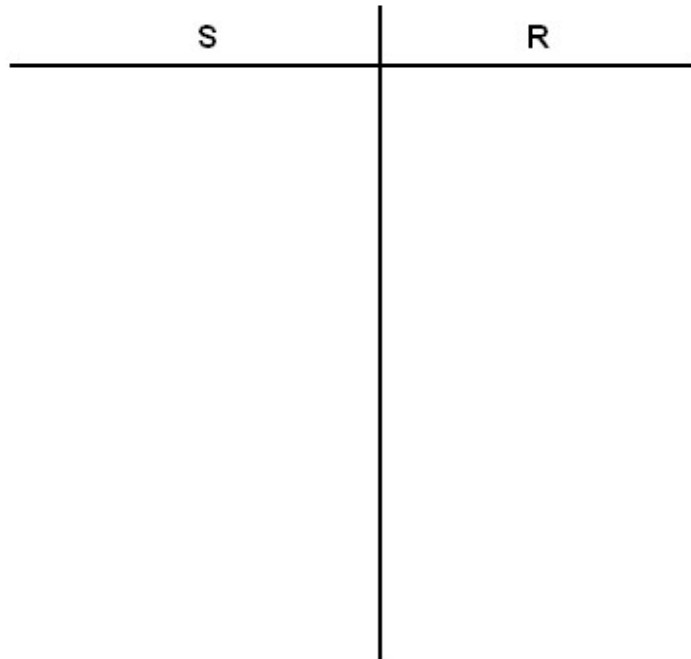
► **Alternate Interior Angles Theorem (new theorem):**

If a transversal cuts two lines so that the alternate interior angles are congruent,  
then the lines are \_\_\_\_\_



Given:

Prove:



► **Same-Side Interior Angles Theorem (new theorem):**

If a transversal cuts two lines so that the same-side interior angles are \_\_\_\_\_,  
then the lines are \_\_\_\_\_

► **Alternate Exterior Angles Theorem (new theorem):**

If a transversal cuts two lines so that the alternate exterior angles are \_\_\_\_\_,  
then the lines are \_\_\_\_\_