

# Triangle Similarity

**AA~**

Angle-Angle Similarity

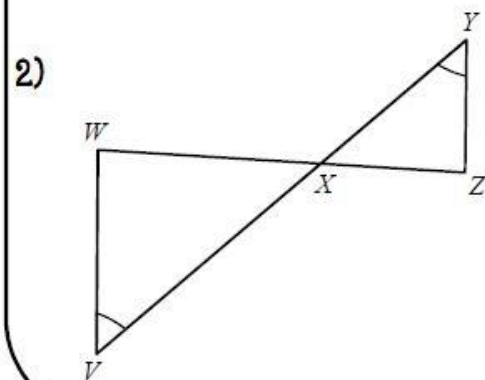
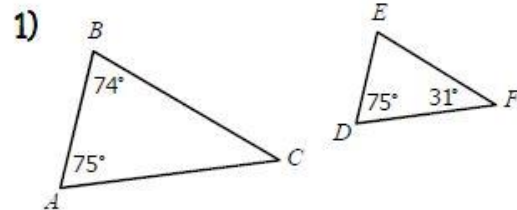
**SSS~**

Side-Side-Side Similarity

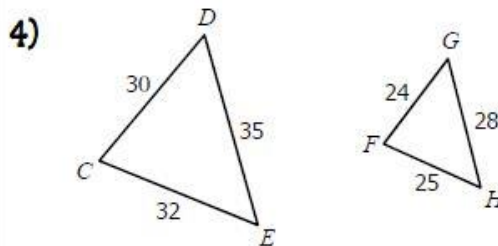
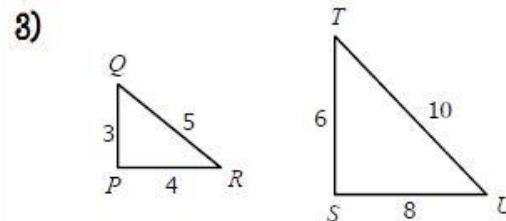
**SAS~**

Side-Angle-Side Similarity

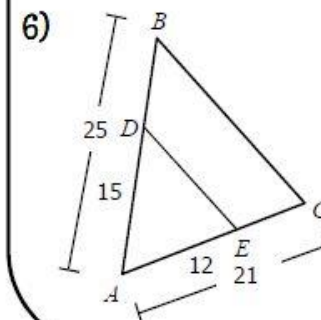
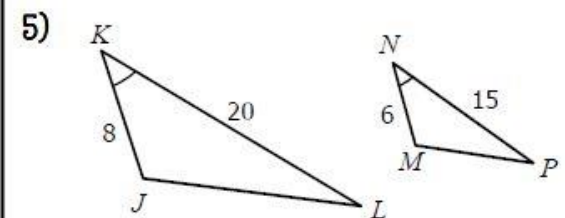
Determine if the examples below are similar by AA~. If yes, write a similarity statement.



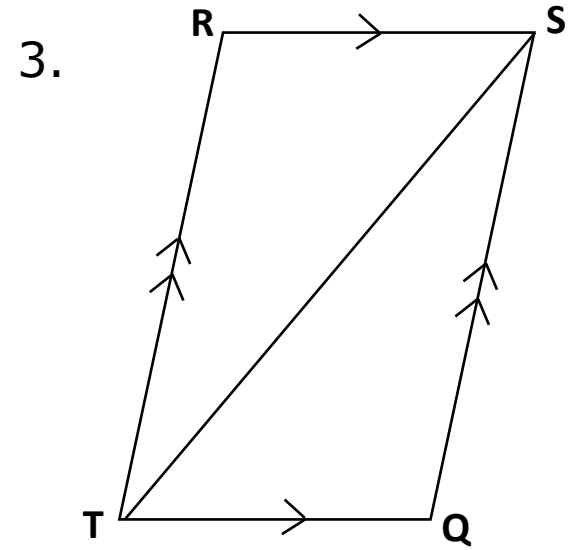
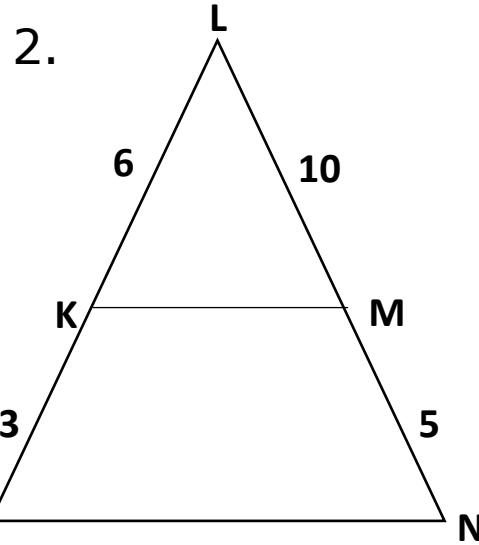
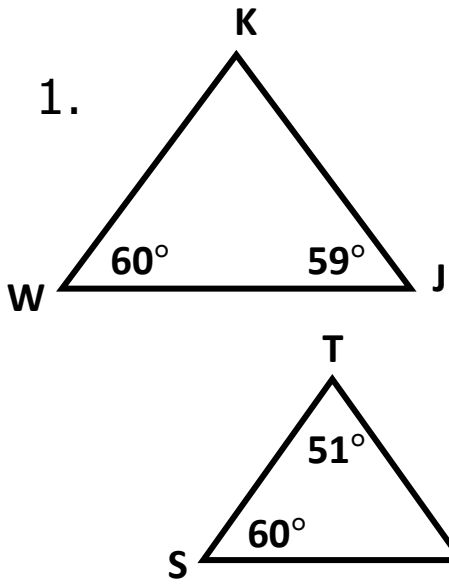
Determine if the examples below are similar by SSS~. If yes, write a similarity statement.



Determine if the examples below are similar by SAS~. If yes, write a similarity statement.



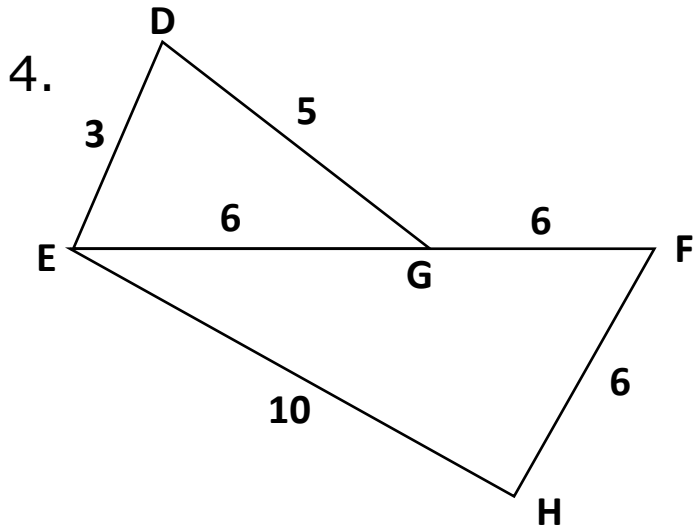
## Examples



Similar? YES or NO  
 How? \_\_\_\_\_  
 $\Delta$  \_\_\_\_\_  $\sim$   $\Delta$  \_\_\_\_\_

Similar? YES or NO  
 How? \_\_\_\_\_  
 $\Delta$  \_\_\_\_\_  $\sim$   $\Delta$  \_\_\_\_\_

Similar? YES or NO  
 How? \_\_\_\_\_  
 $\Delta$  \_\_\_\_\_  $\sim$   $\Delta$  \_\_\_\_\_



Similar? YES or NO  
 How? \_\_\_\_\_  
 $\Delta$  \_\_\_\_\_  $\sim$   $\Delta$  \_\_\_\_\_