**Geometry Quiz Review Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Congruent Triangles**

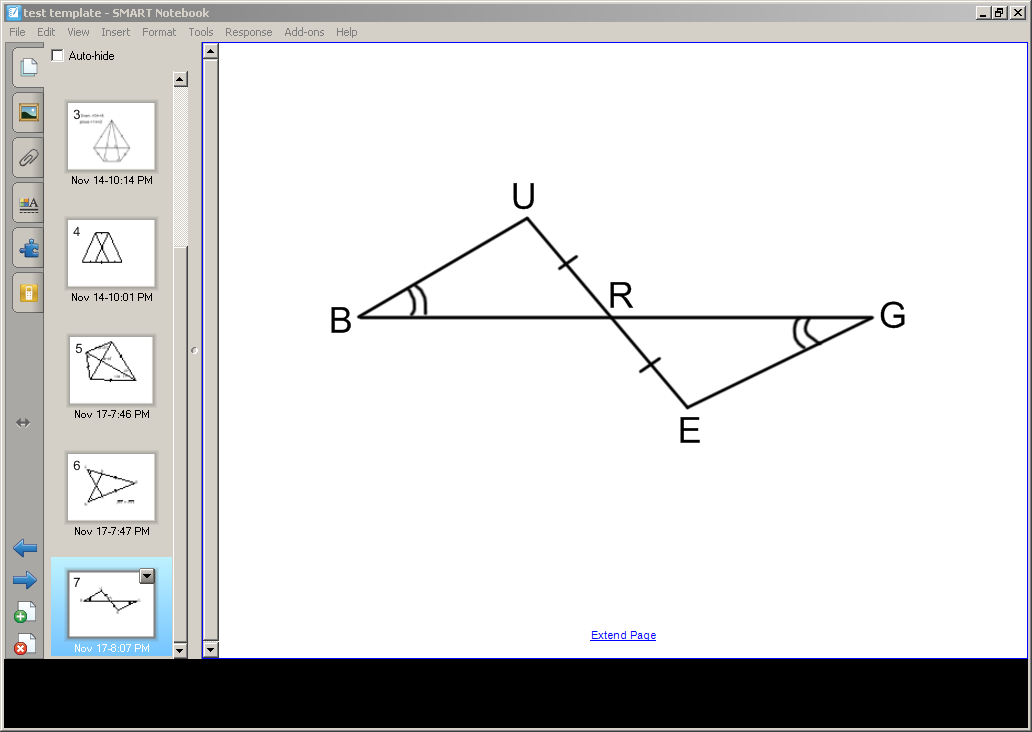
1. Identify if the pair of triangles drawn can be determined congruent by SSS, SAS, ASA, or AAS. If cannot be determined, explain why.

Can you determine congruent triangles? : Yes or No  
 **If yes**, write the congruence statement: \_\_\_\_\_\_\_\_\_\_

**If yes**, What postulate or theorem was used?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**If no**, explain why not: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



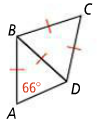
Can you determine congruent triangles? : Yes or No  
**If yes**, write the congruence statement: \_\_\_\_\_\_\_\_\_\_

**If yes**, What postulate or theorem was used?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

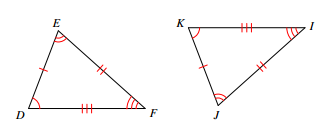
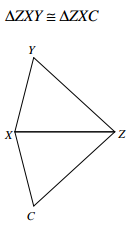
**If no**, explain why not: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. An equilateral and an isosceles triangle share a common side. What is the measure of ?

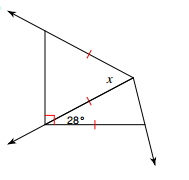
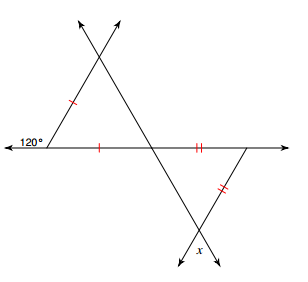


3. List all congruent sides and angles for the following triangles

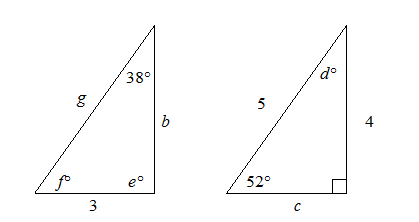


a. b.

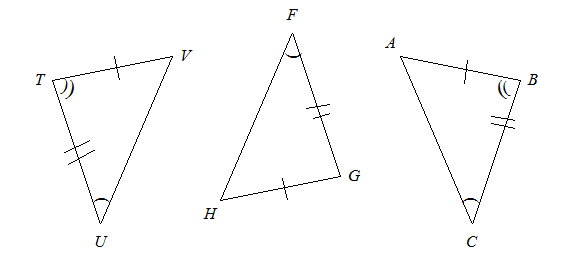
4. Solve for x

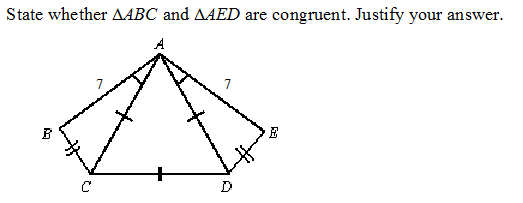


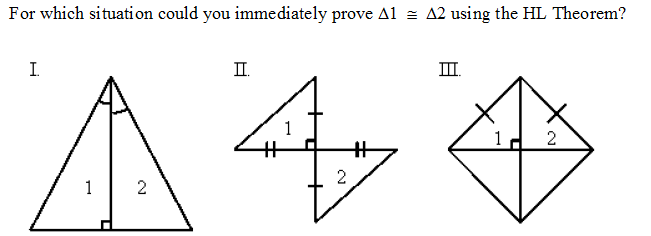
5. The two triangles are congruent. Find the missing values.



6. Which triangles are congruent by ASA?



7.

8.