**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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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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 $∠ABC$?



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.