Name: _____ Period: _____ Date: _____

Triangles Congruence Using SSS and SAS Exit Quiz

Part A Instructions: Choose the option that completes the sentence or answers the question.

1. **Two triangles are congruent if they have:**

   a. Same shape and size
   b. Same shape but different size
   c. Different shape and size
   d. None

2. **Which of the following is a valid postulate for triangles congruence?**
   a. SAS postulate
   b. SSS postulate
   c. AAA postulate
   d. All of these

3. **If all the three sides of one triangle are congruent to all the three sides of another triangle, the two triangles are said to be:**
   a. Equal
   b. Congruent
   c. Parallel
   d. None

4. **SAS postulate can be applied on which of the following?**
   a. Two Isosceles triangles
   b. Two equilateral triangles
   c. Two scalene triangles
   d. Both a and b

Part B Instructions: Answer the question below.

5. **State the difference between SAS and SSS postulate of triangle congruence.**

   _____

   _____

   _____

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Part B **Instructions:** Answer the question below.

5. **State the difference between SAS and SSS postulate of triangle congruence.**

   _____ **In SAS two sides with their included angle of one triangle need to be congruent with the two sides and their included angle of another triangle. Whereas in SSS, all the three sides of one triangle need to be congruent to corresponding three sides of another triangle** _____