**Chapter 4 Vocabulary Quiz B**

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| 1. AAS 2. Acute triangle 3. ASA 4. Base angles 5. Coordinate proof 6. Congruent triangles 7. CPCTC 8. Equiangular triangle 9. Equilateral triangle 10. Flow proof 11. Included angle 12. Included side 13. Isosceles triangle 14. Obtuse triangle 15. Remote Interior angles 16. Right triangle 17. SAS 18. Scalene triangle 19. SSS 20. Vertex angle |

\_\_\_\_\_ 1. Two triangles are congruent if and only if their corresponding parts are congruent.

\_\_\_\_\_ 2. The angle of a triangle that is between two sides.

\_\_\_\_\_ 3. A triangle with all sides congruent.

\_\_\_\_\_ 4. A triangle with no two sides congruent.

\_\_\_\_\_ 5. The angles formed opposite the congruent sides of a triangle.

\_\_\_\_\_ 6. A proof that uses figures on a plane and algebra to prove geometric concepts

\_\_\_\_\_ 7. The side of a triangle that is between two angles.

\_\_\_\_\_ 8. A triangle with an angle degree measure that equals 90.

\_\_\_\_\_ 9. A triangle with all angles congruent.

\_\_\_\_\_ 10. A triangle with an angle degree measures less than 90.

\_\_\_\_\_ 11. Two angles and the included side of one triangle must be congruent to the same in the other triangle.

\_\_\_\_\_ 12. Two angles and a nonincluded side of one triangle must be congruent to the same in the other triangle.

\_\_\_\_\_ 13. A triangle with an angle degree measure greater than 90 and less than 180.

\_\_\_\_\_ 14. Triangles that are the same size and shape.

\_\_\_\_\_ 15. The three sides of one triangle must be congruent to the three sides of the other triangle.

\_\_\_\_\_ 16. Two sides and the included angle of one triangle must be congruent to the same in the other triangle.

\_\_\_\_\_ 17. A triangle with at least two sides congruent.

\_\_\_\_\_ 18. A proof that organizes a series of statements in logical order, starting with the given.

\_\_\_\_\_ 19. The angle formed by the congruent sides of a triangle.

\_\_\_\_\_ 20. The angles of a triangle that are not adjacent to a given exterior angle.