

Chapter 5 Quiz Prep

1. Classify triangles by their... (6 points)
 - a. Sides (scalene, equilateral, isosceles)
 - b. Angles (right, acute, obtuse, equiangular)
2. Use the Exterior Angles Theorem to solve for unknown variables and missing angle measures (3 points)
3. Use the Triangle Sum Theorem to solve for unknown variables and missing angle measures (3 points)
4. Write congruence statements. Also, when given a congruence statement, determine which corresponding segments and angles are congruent. (4 points)
5. Use the Base Angles Theorem to determine which angles are congruent in an isosceles triangle (2 points)
6. Use the Converse of the Base Angles Theorem to determine which segments are congruent in an isosceles triangle (2 points)
7. Write a two-column proof to prove that two triangles are congruent using SAS $\cong$ (5 points)