**Geometry Chapter 4 Study Guide**

**1.** What is the rule for naming congruent figures? (hint: is there a specific order?).

**2.** What is the SSS Postulate? Draw an example to show how it is properly used.

**3.** What is the SAS Postulate? Draw an example to show how it is properly used.

**4.** What is the ASA Postulate? Draw an example to show how it is properly used.

**5.** What is the AAS Theorem? Draw an example to show how it is properly used.

**6.** What is the HL Theorem? Draw an example to show how it is properly used.

**7.** What are the three requirements necessary to use the HL Theorem?

**8.** What is the reflexive property of congruence?

**9.** What is CPCTC? What does CPCTC stand for? How and when can we use CPCTC?

**10.** What does the isosceles triangle theorem tell us? Draw an example.

**11.** What does the converse of the isosceles triangle theorem tell us? Draw an example.

**12.** What does the isosceles triangle bisector theorem tell us? Draw an example.

**13.** What is the process for proving overlapping triangles congruent? Draw an example.