**Geometry Chapter 1 Study Guide**

**1.** What does it mean when points are collinear?

**2.** What are the two acceptable ways to name a line? Draw a line a line as an example and name it. Be sure to use proper notation.

**3.** What is the acceptable way to name a plane? Draw a plane as an example and name it. What do planes always intersect in?

**4.** What is the acceptable way to name a ray? Draw a ray as an example and name it. Be sure to use proper notation. What do opposite rays always form?

**5.** What is the acceptable way to name a segment? Draw a segment as an example and name it. Be sure to use proper notation.

**6.** What does the segment addition postulate tell us? Provide an example.

**7.** What is a midpoint? What does it mean when something is bisected?

**8.** Draw the four classifications of angles (acute, right, obtuse, and straight).

**9.** How do you name an angle? Draw an example of an angle and name it in the three acceptable ways.

**10.** What does the angle addition postulate tell us? Provide an example.

**11.** What are complementary angles? What are supplementary angles? What are vertical angles? What are adjacent angles?

**12.** What is the midpoint formula? What is the distance formula?

**13.** How do you find the perimeter of a square? How do you find the area of a square? How do you find the perimeter of a rectangle? How do you find the area of a rectangle?

**14.** How do you find the perimeter of a triangle? How do you find the area of a triangle?

**15.** How do you find the circumference of a circle? How do you find the area of a circle?