**Chapter 1 “I Can” Statements**

You can use these statements as a study guide. You should focus your study time on the items where you circled “not sure.” Studying for math includes reviewing notes *and* trying additional problems. (Remember that the answers to odd problems are in the back of the book. Don’t forget that there is also a practice test online at the textbook’s website: <http://www.geometryonline.com>.)

Circle one Statement

Yes or Not Sure I can state the three undefined terms in geometry.

Yes or Not Sure I can name a point using capital block letters.

Yes or Not Sure I can name a line two different ways.

Yes or Not Sure I can name a plane two different ways.

Yes or Not Sure I can draw diagrams involving points, lines, and planes from descriptions.

Yes or Not Sure I can name a line segment and a ray.

Yes or Not Sure I can explain the difference between and and use them correctly.

Yes or Not Sure I can explain the difference between = and and use them both correctly.

Yes or Not Sure I can explain the difference between /ABC and m/ABC and use them both correctly.

Yes or Not Sure I can find the precision of a ruler or a measurement and explain what it means.

Yes or Not Sure I can write the Distance Formula and the Midpoint Formula, and I know when to use them.

Yes or Not Sure I can explain what “distance” and “midpoint” mean.

Yes or Not Sure I can find the distance or the midpoint between 2 points on a number line.

Yes or Not Sure I can find the distance or the midpoint between 2 points on a coordinate plane.

Yes or Not Sure I can draw and label a diagram showing that one point is between two other points.

Yes or Not Sure I can use a drawn and labeled diagram to help me write down an equation.

Yes or Not Sure I can solve an equation and use the solution to help me answer the question that was asked.

Yes or Not Sure I can draw and label a diagram where a segment or an angle is bisected.

Yes or Not Sure I can measure a line segment in inches or centimeters with a ruler.

Yes or Not Sure I can measure an angle in degrees with a protractor.

Yes or Not Sure I can identify points that are in the interior or the exterior of an angle.

Yes or Not Sure I can identify the sides of an angle and the vertex of an angle.

Yes or Not Sure I can name an angle two different ways.

Yes or Not Sure I can recognize the difference between right, acute, and obtuse angles just by looking.

Yes or Not Sure I can show congruence in a diagram using marks (for line segments and angles).

Yes or Not Sure I can explain what adjacent angles are and identify them in a diagram.

Yes or Not Sure I can identify a linear pair in a diagram and use it to write an equation.

Yes or Not Sure I can identify vertical angles in a diagram and use them to write an equation.

Yes or Not Sure I can draw a diagram of supplementary angles and use it to write an equation.

Yes or Not Sure I can draw a diagram of complementary angles and use it to write an equation.

Yes or Not Sure I can use the symbol for perpendicular and label a diagram to show 2 lines are perpendicular.

Yes or Not Sure I can name a polygon using its vertices.

Yes or Not Sure I can classify a polygon based on its number of sides.

Yes or Not Sure I can classify a polygon as convex or concave, regular or irregular.

Yes or Not Sure I can find the perimeter of a figure (using given measurements or the distance formula).