**Geometry Honors Chapter 2 Can You**

**CAN YOU……**

• **Complete a table using inductive reasoning**

• **Identify the type of reasoning taking place**

• **Decide if a statement is true or false, find a counterexample if false**

• **Write the converse of a conditional statement**

• **Write the inverse of a conditional statement**

• **Write the contrapositive of a conditional statement**

• **Solve problems involving complementary, supplementary, or vertical angles**

• **Sketch two intersecting planes**

• **Determine if a given relationship is reflexive, symmetric and/or transitive**

• **Understand the postulates from this chapter about points, lines, and planes**

• **Apply the laws of logic to reach conclusions (Be able to name the law of logic if a valid conclusion can be reached)**

• **Solve an algebraic equation and justify the steps using the properties of equality**

• **Complete the missing parts of a two-column proof using theorems and postulates of this chapter**

**\*\*\*Write a proof of any theorem from chapter 2 (see class notes and homework)**