Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_

Mr. Kaufman Geometry

**And/Or Homework**

1. Mark says, “The number I see is odd.” Jan says, “That same number is prime.” The teacher says, “Mark is correct or Jan is correct.” Some integers would make the teacher’s statement true while other integers would make it false. Give and explain one example of when the teacher’s statement is true. Give and explain one example of when the teacher’s statement is false.

2. Given: Two is an even integer or three is an even integer. Determine the truth value of this disjunction. Justify your answer.

3. What is true about the statement “If two angles are right angles, the angles have equal measure” and its converse “If two angles have equal measure then the two angles are right angles”?