Practice Worksheet for Lesson 2-1   Name:

                                                     Mailbox #:

For the following statements, underline the hypothesis and circle the conclusion.

1) If $2x - 8 = 26$, then $x = 17$.

2) If it is raining, then the grass is wet.

Write the converse of each statement and decide if each one is true or false. Also, state whether it is biconditional or not.

3) If a number is divisible by 10, then it is divisible by 5.

Converse:

4) If m∢ 1 = 135°, then m∢ 1 is obtuse.

Converse:

The following statements are false. Write a counter example for each.

5) If $x^2 > 64$, then $x > 8$.

6) If points D, E, and F are collinear, then DE + EF = DF.