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

# Secondary Math II 11-1 Homework

**Evaluating and Composing Functions**

**Evaluate for x = 3.**

1. **** 2. 

**Find** **.**

3.  4.  5. 

**Find.**

6.  7.  8. 

**Find f(g(x)) and g(f(x)).**

9. 

**LOOKING AHEAD: Find  and  . What do you notice about the new functions? Why do you think this happens?**

10. 