Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Log and Exponent Review

**Laws of Logs**:

Use the laws of logarithms to expand the expression

**1**.   **2**.  **3**.  **4.**

Use the Laws of Logarithms to combine the expression into a single log

**5.**  **6**. 

**7**.  **8**. 

**Exponent and Log Graphs:** Pg 350 #50-54 all, 60, 62

Graph the following functions

**1.**  **2**. **3**. 

**4**. **5**.  **6**.

**7.** **8**. **9**. 

Find the domain of the function

**10**.  **11** 

**Word Problems**: This is the calculator part. Work the word problems from last week that you didn’t do

**Solving Log Equations/Exponent Rules**:

1.  2.  3. 

4.  5.  6. 

7. 8.  9.

10.  11.  12. 

13.  14.

15.  16. 