HW 7-2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Secondary III Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_\_

Evaluate the following expressions by using properties of logarithms

1.  2.  3. 

4.  5. 

Write each expression as a sum and/or difference of logarithms. Write exponents as factors.

6.  7.  8. 

9.  10. 

Write each expression as a single logarithm

11.  12. 

13.  14. 

Use the Change-of-Base Formula and a calculator to evaluate.

15. 

16. 

17. 

18. 