

Practice 8-4 C

Name: _____

Hour: _____

Use the properties of logarithms to evaluate each expression

1. $\log_2 4 - \log_2 16$

2. $3 \log_2 2 - \log_2 4$

3. $\log_3 3 + 5 \log_3 3$

4. $\log 1 + \log 100$

5. $\log_6 4 + \log_6 9$

6. $2 \log_8 4 - \log_8 8$

7. $2 \log_3 3 - \log_3 3$

8. $\log_3 9 + \log_3 2 - \log_3 6$

9. $\log_5 10 + \log_5 5 - \log_5 2$

10. $\log_4 1024 - \log_4 4 + \log_4 16$