

Evaluating Logs

Date _____ Period _____

Use the Definition of a Log to REWRITE AND EVALUTE the expressions below.

1) $\log_6 36$

2) $\log_2 16$

3) $\log_5 \frac{1}{125}$

4) $\log_3 81$

5) $\log_2 2$

6) $\log_3 \frac{1}{27}$

7) $\log_4 1$

8) $\log_2 \frac{1}{4}$

9) $\log_3 27$

10) $\log_6 \frac{1}{36}$