

DoThis 4.4

NAME:

1a.) In words, what does $\log_3 27$ mean?

b.) What is the numerical value of $\log_3 27$?

2a.) In words, what does $\log_4 \frac{1}{16}$ mean?

b.) What is the numerical value of $\log_4 \frac{1}{16}$?

3.) Write $4 = 5^x$ as a logarithmic equation. (Recall $x = 2^y$ is equivalent to $y = \log_2 x$.)