

Evaluating Logarithms Using Power Rule

Evaluate each expression.

1) $6 \log_{\frac{1}{8}} 2$

2) $\log_{125} 5^5$

3) $3 \log_{\frac{1}{6}} 6^{-7}$

4)

Preview

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7)



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10) $7 \log_{243} 3$

11) $\log_{\frac{1}{3}} \left(\frac{1}{27}\right)^{-5}$

12) $-8 \log_{144} 12$
