

Evaluating Logarithms Using Power Rule

Evaluate each expression.

1) $\log_2 \left(\frac{1}{8}\right)^6$

2) $\log_5 25^{-8}$

3) $2 \log_{\frac{1}{2}} \left(\frac{1}{16}\right)$

4)

Preview

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7)



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10) $\log_{\frac{1}{7}} 49$

11) $3 \log_{\frac{1}{3}} 9$

12) $4 \log_{216} 6$