Evaluating Logarithms Using Power Rule

Evaluate each expression.

1) $\log_3 9^{-4}$

2) $\log_{\frac{1}{2}}\left(\dfrac{1}{8}\right)$

3) $6 \log_9 3$

4)

7)

Preview

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10) $\log_{81} 3^{-1}$

11) $4 \log_9 27$

12) $\log_{32} 2$