

Evaluating Logarithmic Expressions

Evaluate each expression.

1) $\log_{\frac{1}{3}} 81 - \log_4 16$

2) $\frac{7 \log_6 36}{\log_{\frac{1}{9}} 81}$

3)

Preview

5)

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7)

$\frac{5}{27}$

$\frac{5}{8}$

8

52

54

9) $\frac{5 \log_5 25}{\log_2 32}$

10) $2 \log_9 3 + \log_{\frac{1}{6}} 36$
