

Evaluating Logarithmic Expressions

Evaluate each expression.

1) $\log_2\left(\frac{1}{4}\right) \cdot \log_6 36$

2) $\left(\frac{1}{2}\right)\log_4 16 + 3\log_7 49$

3) $\log_3 27$

5) $\log_5 125$

7) $6\log_8 4$

8) $\log_5 125 + 9\log_2 4$

9) $\left(\frac{1}{5}\right)\log_3 243 - 2\log_2 16$

10) $5\log_2 32 + \log_6 36$

Preview

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