

## Evaluating Logarithms Using Power Rule

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Evaluate each expression.

1)  $4 \log_3 9$

2)  $\log_5 \left( \frac{1}{25} \right)$

3)  $2 \log_2 4$

4)

# Preview

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7)



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10)  $6 \log_4 64$

11)  $\log_{12} 144$

12)  $\log_7 343$