

Logarithmic Equations

Solve for x.

1) $\log_{64} 8 = x$

2) $\log_{\frac{1}{27}} \left(\frac{1}{3} \right) = x$

3) **Preview**

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9) $\log_{25} \left(\frac{1}{5} \right) = x$

10) $\log_x 49^{\frac{1}{2}} = 1$
