

# Logarithmic Equations

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Solve for x.

1)  $\log_4\left(\frac{1}{16}\right) = 5x+8$

2)  $\log_{x+6}(81) = 4$

3) **Preview**

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9)  $\log_2(x+7)^{\frac{1}{3}} = 2$

10)  $\log_{64} 4 = x+10$