

# Logarithmic Equations

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Solve for x.

1)  $\log_3\left(\frac{x}{2}\right) = 4$

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2)  $\log_9(x+7) = 2$

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3) **Preview**

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9)  $\log_{10}(x-9) = 2$

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10)  $\log_{3x} 3 = \frac{1}{4}$

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