

## Solving Logarithmic Equations Using a Calculator

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Solve each logarithmic equation. Round your answer to two decimal places.

1)  $8 \log_5 (x - 2) = 0.16$

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2)  $\ln \left( \frac{x}{0.6} \right) = 3.3$

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3)  $\ln (x + 3) = 0.7$

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4)  $\log_4 (x - 8.4) = 1.25$

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5)  $\log_9 \left( \frac{x}{0.7} \right) = 0.35$

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6)  $\ln (x - 6.1) = 0.9$

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7)  $\ln 6x = 4.4$

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8)  $\log_6 7.6x = 2.4$

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9)  $9 \log_2 (x + 2.5) = 8.1$

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10)  $\ln 11.1x = 1.11$

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