

Solving Logarithmic Equations Using a Calculator

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

1) $\ln\left(\frac{x}{8.1}\right) = 0.4$

2) $\log_2(x - 2.7) = 1.98$

3) $\ln(x - 2) = 0.56$

4) $\log_6 3.3x = 1.1$

5) $\log_7 7.4x = 2.3$

6) $5 \ln(x + 8) = 3.67$

7) $\log_5(x + 6) = 0.2$

8) $\log_3\left(\frac{x}{0.1}\right) = 4.13$

9) $\ln 4.9x = 0.98$

10) $9 \ln(x - 0.3) = 6.4$
