

Natural Logarithms

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

1) $4 \ln(x + 9.7) = 6.9$

$x = \underline{\hspace{2cm}}$

2) $\ln(x - 1.3) = 3.42$

$x = \underline{\hspace{2cm}}$

3) $5 \ln(x + 7.6) = 8.95$

$x = \underline{\hspace{2cm}}$

4) $\ln\left(\frac{x}{0.6}\right) = 3$

$x = \underline{\hspace{2cm}}$

5) $\ln 6.79x = 0.4$

$x = \underline{\hspace{2cm}}$

6) $\ln(x - 5.1) = 0.58$

$x = \underline{\hspace{2cm}}$

7) $\ln\left(\frac{x}{1.3}\right) = 2.9$

$x = \underline{\hspace{2cm}}$

8) $2 \ln 7x = 0.7$

$x = \underline{\hspace{2cm}}$

9) $\ln(x - 0.72) = 0.36$

$x = \underline{\hspace{2cm}}$

10) $\ln(x + 4) = 0.01$

$x = \underline{\hspace{2cm}}$