

# Natural Logarithms

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A) Find the value of each logarithm using a calculator. Round your answer to two decimal places.

1)  $\ln 8 = \underline{\hspace{2cm}}$

2)  $\ln 9.4 = \underline{\hspace{2cm}}$

3)  $\ln\left(\frac{2}{9}\right) = \underline{\hspace{2cm}}$

4)  $\ln 11 = \underline{\hspace{2cm}}$

5)  $\ln 2.9 = \underline{\hspace{2cm}}$

6)  $\ln 0.16 = \underline{\hspace{2cm}}$

7)  $2 \ln 3 = \underline{\hspace{2cm}}$

8)  $\ln 27 = \underline{\hspace{2cm}}$

B) Find the value of each logarithmic expression using a calculator. Round your answer to two decimal places.

1)  $\ln 0.54 + \ln 2.7$

2)  $\ln 3.9 - \ln 2$

3)  $\frac{\ln 4.6}{\ln 0.8}$

4)  $\ln 3 \cdot \ln 5$

5)  $\ln 17 - \ln 12$

6)  $\ln 6 + \ln 1.4$