

Natural Logarithms

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

1) $\ln 3.75 =$ _____

2) $\ln\left(\frac{3}{8}\right) =$ _____

3) $\ln 30 =$ _____

4) $\ln 0.1 =$ _____

5) $10 \ln 1.8 =$ _____

6) $\ln 14 =$ _____

7) $\ln 6 =$ _____

8) $\ln 5.4 =$ _____

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

1) $\frac{\ln 9.7}{\ln 4}$

2) $\ln 0.96 + \ln 2.1$

3) $\ln 1.5 \cdot \ln 0.6$

4) $\ln 4.9 - \ln 7.9$

5) $\frac{\ln 8}{\ln 3}$

6) $\ln 13 \cdot \ln 9$