

## Evaluating Logarithms Using a Calculator

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

1)  $\log 3.47 =$  \_\_\_\_\_

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

3)  $\ln 0.04 =$  \_\_\_\_\_

4)  $\log 8.7 =$  \_\_\_\_\_

5)  $\log\left(\frac{5.9}{8.4}\right) =$  \_\_\_\_\_

6)  $\ln 9 =$  \_\_\_\_\_

7)  $\ln 9.6 =$  \_\_\_\_\_

8)  $\log 6 =$  \_\_\_\_\_

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

1)  $\ln 2.4 - \ln 6.1$

2)  $\frac{\log 9.47}{\log 1.2}$

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3)  $\log 4 \cdot \log 9$

4)  $\ln 6 \cdot \ln 5.5$

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5)  $\frac{\ln 2}{\ln 3}$

6)  $\log 5.7 + \log 3$

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