

1 Logarithm

Englische Aufgaben zum Kapitel 1 Logarithmen

- 1 Write each expression in the form $\ln x$, where x is a number. Use the laws of logarithms.
 - a. $\frac{1}{2} \cdot \ln 7 - \ln 4$
 - b. $\ln 3 + 2 \cdot \ln 5$
- 2 Solve the equation $6^{2x-3} = 7776$ for x .
- 3 Solve the given logarithmic equations for x .
 - a. $\ln(x+2) - 1 = \ln(3x)$
 - b. $6 \lg x^2 = 12$