# Exponential and Logarithmic Functions Part 1

## 9 GRAPHING LOGARITHMIC FUNCTIONS

Draw the graphs of the following functions.

a. $\dfrac{\ln x}{\ln 2}$

b. $\ln x^e$

c. $\log_{10} x + \log_{10} 5$

d. $\ln x + ln(x^e)$

e. $\ln(\log_{10} x)$