



INDICES AND LOGARITHMS

Exercise i.4: Evaluate and simplify the following:

a) $\frac{\log a}{\log \sqrt{a}};$

b) $\log_3 \left(\frac{1}{81} \right)$

c) $\log_{10} 1000$

g) $\log_7 (1/49)$

d) $\log_2 32$

h) $\log_9 3$

e) $\frac{\log 64}{\log 4}$

i) $\log_8 32$

f) $\frac{\log \sqrt{5}}{\log \sqrt[3]{5}}$
