

14D Introducing Logarithms

1. Write $2^5 = 32$ as a logarithm

2. Write as a logarithm:

a) $10^3 = 1000$

b) $5^4 = 625$

c) $2^{10} = 1024$

3. Find the value of:

a) $\log_3(81)$

b) $\log_4(0.25)$

c) $\log_{0.5}(4)$

d) $\log_a(a^5)$