

CHANGE OF BASE LAW:

On the calculator, we can type using logs with base 10 or base e, i.e. \log_{10} and \log_e . To solve questions on the calculator, we use the change of base rule:

$$\log_b x = \frac{\log_a x}{\log_a b}$$

4.3 WORKED EXAMPLE

Evaluate $\log_6 9$ to the nearest 2 d.p.

4.4 WORKED EXAMPLE

Solve for x :

$$2^x = 16$$

