

Solutions

Each answer shows the steps, then the **result**.

2.1

- $f^{-1}(x) = \log_{10}(x)$

2.2

- $3^x = 81 = 3^4$, so $x = 4$

2.3

- $\ln(x)$ (i.e. $\log_e(x)$)

3.1 B

3.2 A

3.3

(a)

- $32 = 2^5$

(b)

- $x = 5$

(c)

- 5