

## FUNCTIONS 2      Cubic, Exponential, Reciprocal, Square Root

- 1 Identify the following functions from the list  $y = 2^x - 1$ ,  $y = 2^{-x}$ ,  $y = -(x-1)(x+1)(x-3)$ ,  $y = (x-2)^3$ ,  $y = 3^x + 3$ ,  
 $y = (\frac{1}{2})^x$ ,  $y = -(x-2)^3 + 2$ ,  $y = \frac{4}{x-1}$ ,  $y = \sqrt{x-2} + 1$ ,  $y = \sqrt{x-1} - 2$ ,  $y = \frac{1}{x+1} - 2$

