

Exponential and Logarithmic Functions Part 1

2 LOGARITHM AS INDICES

Simplify the following questions:

a. $(\frac{1}{2})^{2x+1} = 1$

b. Write $y = 9^x$ in terms of logarithm.

c. $\log_x 5 = \log_x 4 - 1$

d. $(9^x - 9)(3^x - 3) = 0$

e. $4^{x-2} = 2^{2x+2} \cdot 16^{3x}$



Make sure that you ask for help if you don't understand completely! :)