Homework Questions

Exponential and Logarithmic Functions Part 1

10 PH IN CHEMISTRY

- a. Find the pH of solution in which $[H^+]$ ion concentration is 4×10^{-6} mol⁻¹.
- b. Find the hydrogen ion concentration corresponding to pH = 5.643.
- c. Calculate the pH of 0.001*M* solution of acetic acid in which degree of dissociation is 25.
- d. Find the *pOH* of a solution having $[H^+]$ ion concentration of 5×10^{-4} .
- e. A solution is 0.00025 M HCl. What is the pH AND pOH of this solution?

