



CHEMISTRY

NCERT - NCERT Chemistry(Tamil)

TYPES OF CHEMICAL REACTIONS

Examples

1. Calculate the pH of $0.01M HNO_3$?



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2. The hydroxyl ion concentration of a solution is $1 \times 10^{-9} M$. What is the pOH of the solution?



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3. Calculate the pH of 0.001 molar solution of HCl.



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4. What would be the pH of an aqueous solution of sulphuric acid which is $5 \times 10^{-5} \text{ mol litre}^{-1}$ in concentration.



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5. Calculate the pH of 1×10^{-4} molar solution of *NaOH*.



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6. Calculate the pH of a solution in which the concentration of the hydrogen ions is $1.0 \times 10^{-8} \text{ mol litre}^{-1}$.



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7. If the pH of a solution is 4.5, what is its pOH?



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