

## Basic Principles In Chemical Engineering

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Place labels (symbols, numbers and units) on the diagram for all the known flows, materials and compositions. For the unknown flows, materials and compositions insert symbols and units. Add any other useful relations and information. Obtain any data you need to solve the problem but are missing. Choose a basis.

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Normality (N)—(gram equivalents of solute)/(liters of solution). Oxidation—the loss of electrons by an atom or group of atoms. pH—the negative logarithm (base 10) of the hydrogen ion concentration in gram ions per liter; Reduction—the gain of electrons by an atom or group of atoms. Solubility product (S.P. or K.

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