



Lecture Presentation

Chapter 3

Stoichiometry: Calculations with Chemical Formulas and Equations

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Law of Conservation of Mass

“We may lay it down as an incontestable axiom that, in all the operations of art and nature, nothing is created; an equal amount of matter exists both before and after the experiment. Upon this principle, the whole art of performing chemical experiments depends.”

--Antoine Lavoisier, 1789



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Chemical Equations

Chemical equations are concise representations of chemical reactions.

