

CHAPTER OVERVIEW

3: Molecules, Molecular Formula Calculations, and Nomenclature

[3.1 Molecular and Ionic Compounds \(Video\)](#)

[3.2 Molecular Formulas \(Video\)](#)

[3.4 Molar Masses of Compounds \(Video\)](#)

[3.5 Percent Composition \(Video\)](#)

[3.6 Determining the Mass of a Specific Element in a Sample Using Percent Weight \(Video\)](#)

[3.7 Empirical Formulas \(Video\)](#)

[3.8 Determining Empirical and Molecular Formulas from Percent Composition \(Video\)](#)

[3.9 Combustion Analysis \(Video\)](#)

Thumbnail: Spinning Buckminsterfullerene (C₆₀). (CC BY-SA 3.0; unported; [Sponk](#)).

3: Molecules, Molecular Formula Calculations, and Nomenclature is shared under a [not declared](#) license and was authored, remixed, and/or curated by LibreTexts.