

CHAPTER OVERVIEW

4: Stoichiometry of Chemical Reactions

A general chemistry Libretexts Textbook remixed and remastered from
OpenStax's textbook:
General Chemistry

This chapter will describe how to symbolize chemical reactions using chemical equations, how to classify some common chemical reactions by identifying patterns of reactivity, and how to determine the quantitative relations between the amounts of substances involved in chemical reactions—that is, the reaction *stoichiometry*.

- [4.1: Prelude to Stoichiometry](#)
- [4.2: Writing and Balancing Chemical Equations](#)
- [4.3: Classifying Chemical Reactions](#)
- [4.4: Reaction Stoichiometry](#)
- [4.5: Reaction Yields](#)
- [4.6: Quantitative Chemical Analysis](#)
- [4.E: Stoichiometry of Chemical Reactions \(Exercises\)](#)

This page titled [4: Stoichiometry of Chemical Reactions](#) is shared under a [CC BY 4.0](#) license and was authored, remixed, and/or curated by [OpenStax](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.