

# A Handful of Suggested Textbook Problems on Thermodynamics

The following are some problems from each of the three textbooks that cover the basic calculations of thermodynamics. Answers to the problems are included in each textbook.

## ***Chemistry: Atoms First* by OpenStax College**

Chapter 9: 7, 11, 13, 19, 25, 27, 57, 59, 61, 63

Chapter 12: 13, 25, 31, 33, 35, 37, 39

Chapter 18: 17, 23, 29

## ***Chemistry: An Atoms First Approach* by Gilbert, Kriss, and Foster**

Chapter 9: 35, 47, 51, 65, 69, 71, 83, 85, 89, 107

Chapter 12: 37, 39, 49, 51, 59, 61, 69

Chapter 17: 21, 25, 35, 37

## ***Chemistry: Atoms First* by Burdge and Overby**

Chapter 10: 27, 31, 33, 35, 41, 45, 57, 61, 65

Chapter 14: 31, 33, 38, 43, 45

Chapter 18: 15, 21, 25

## ***Chemistry* by Ow**

Chapter 5: 1–3, 11, 38–40, 45–50

Chapter 17: 8, 10, 30–32, 34–37, 41–44, 49

Chapter 18: 1, 11