

Physical Chemistry Problem Assignments Atkins 7th Ed.

Chapt 11.	Exercises: 8a,10a,11a,16a,18a,19a	Problems: 4,13,15,18,20,24
Chapt 18.	Exercises: 6a,8a,10a,11a,13a,15a,16a,18a	Problems: 16
Chapt 12.	Exercises: 4a,8a,10a,18a,19a	Problems: 1,2,4,8,11,16,18,19,24
Chapt 13.	Exercises: 5a,6a,7a(do graphically),11a,16a,16b,18a,19a,20a,21a,22a,23a	Problems: 3,11,12,18
Chapt 14.	Exercises: 7a,7b,5a,6b,10b,11a,13a,13b,15b	Problems: 2,4,8,14,19,21,22
Chapt 16.	Exercises: 7a,8a,11a,15a,16a,19a,20a,22a,23a,26a	Problems: 5,12,15,29
Chapt 17.	Exercises: 8b,10a,16a	Problems: 1,2,11,12,14,19,20,25,27
Chapt 18.	Exercises: 14a,21a,22a,23a	Problems: 7,9,11
Chapt 19.	Exercises: 6a,8a,10a,11b,15a	Problems: 9,14,15,16,18,22
Chapt 20.	Exercises: 4a,6a,7a,12b,13a,17a	Problems: 12
Chapt 21.	Exercises: 2a,3a,10a,12b	Problems: 5,6
Chapt 27.	Exercises: 10a,11a,14a	Problems: 10,12

Sackheim (for review from General Chemistry)

For Chapt 13. Exercises: 1-29

For Chapt 14. Exercises: MO theory: 30-148, 292-323, Hybrids: 149-278, Resonance: 279-290

S. Zumdahl, "Chemistry," (5th edition), Houghton-Mifflin, New York, NY.*

Atomic Structure and Periodicity, Ch 7: 37,40,43, 49,61,67,69,80, 83,87,93,107

Bonding: General Concepts, Ch 8: 19,21,27,31,35,63,65,72,77,85,91,116,118

Covalent Bonding: Orbitals, Ch 9: 23,24,27,33,34,36,42,44,49,50

Petrucci, Harwood, Herring, "General Chemistry: Principles and Modern Applications, 8th ed"

Electrons in Atoms, Ch 9: 12, 18,25,35,37,51,53,63,69,71,83,85,87,89

The Periodic Table and Some Atomic Properties, Ch 10: 6,16,27,29,33,35,39,41,43,45,51

Chemical Bonding I, Ch 11: 10,13,27,35,43,51,55,57(a&e),59,63,65,71

Chemical Bonding II: Ch12: 1,3(not d), 4,5, 8,9,10,16,17,18,23,39,45,49

Brown, Lemay, and Bursten, "Chemistry, The Central Science, 9th Ed"

Chapt. 6: 13,17,21,27,36,37,41,45,59,61,81

Chapter 7: 5,7,13,19,22,35,37,49,53,59,69

Chapter 8: 5,13,17,27,33,35,43,47,51,57,63

Chapter 9: 15,17,19,33,35,37,43,45,47,53,57,60,62

*(these problems are taken from your General Chemistry Homework assignments; if you used a different book please see me)