

## CHEMISTRY 1020 READING/PROBLEM ASSIGNMENTS

This is a list of suggested problems. I will NOT collect or grade them. There are additional problems that you have to submit on *Mastering Chemistry* that will be graded automatically by computer. If you don't do enough problems, you may think you understand the material but your test scores may show otherwise.

<b>Chap</b>	<b>Title</b>	<b>Reading Assignments</b>	<b>Suggested Problem Assignments</b>
2	<i>Measurement and Problem Solving</i>	All sections	#7, 11, 25, 37, 39, 41, 43, 47, 53, 57, 65, 69, 71, 77, 91, 95, 97, 99, 107, 109
3	<i>Matter and Energy</i>	3.1-3.10	#3, 7, 11, 13, 15, 27, 33, 37, 43, 65
4	<i>Atoms and Elements</i>	All sections	#3, 11, 13, 17, 19, 25, 27, 31, 47, 51, 53, 55, 59, 67, 71, 81, 85, 87, 97, 103, 105, 111
5	<i>Molecules and Compounds</i>	All sections	#1, 9, 11, 15, 21, 23, 29, 31, 39, 45, 49, 51, 57, 59, 61, 63, 67, 69, 71, 75, 77, 81, 93, 95
6	<i>Chemical Composition</i>	6.1-6.7	#21, 31, 37, 49, 61, 71, 73, 81, 101, 105
7	<i>Chemical Reactions</i>	7.1-7.6, 7.8	#5, 7, 11, 15, 25, 29, 31, 33, 39, 45, 47, 49, 51, 53, 55, 57, 61, 63, 65, 83, 85, 103
8	<i>Quantities in Chemical Reactions</i>	8.1-8.6	#3, 7, 9, 15, 17, 23, 27, 31, 41, 45, 53, 57, 59, 63, 71
9	<i>Electrons in Atoms and the Periodic Table</i>	9.4-9.8	#1, 9, 13, 15, 19, 23, 25, 41, 47, 51, 53abd, 55, 59, 65, 67, 73, 89, 95, 97
10	<i>Chemical Bonding</i>	10.1-10.5, 10.7-10.8	#5, 7, 9, 23, 27, 29, 33, 37, 39, 43, 45, 47ac, 49, 51, 75, 81, 87acd, 91, 95, 97
11	<i>Gases</i>	11.1-11.6	#3, 24, 29, 33, 40, 45, 48, 51, 53, 57
18	<i>Organic Chemistry</i>	18.1-18.8, 18.10 parts 18.11-18.16	#6, 9, 11, 13, 21, 37, 39, 43, 45, 47, 49, 55, 57, 59, 63, 77, 87, 89, 91, 93, 97
12	<i>Liquids, Solids, and Intermolecular Forces</i>	12.1-12.2, 12.4-12.8	#1, 5, 7, 13, 16, 21, 23, 29, 37, 43, 57, 59, 61, 67, 69, 73, 95
13	<i>Solutions</i>	13.1-13.7, 13.9 (no calcs from 13.9)	#3, 5, 6, 7, 8, 11, 14, 17, 23, 31, 33, 35, 43, 47, 61, 63, 71, 73, 77, 79, 81, 83, 123
14	<i>Acids and Bases</i>	14.1-14.9	#1, 2, 5, 7, 8, 17, 20, 21, 24, 31, 55, 59acd, 69, 71, 75, 79