

CHM 105 Homework:

A list of suggested homework problems is provided below. The homework is not graded, but it is not surprising that doing homework usually improves quiz/test/exam scores.

Note that in our textbook that chapter number always precedes the problem number. So Problem 14.3 is problem 3 in chapter 14. The list below gives the chapter number in the first column and three lists of problems in the other columns.

Sample Problems and Study Checks: As you read each chapter read each sample problem and its answer. Then try working the Study Check. You may check your answer with the list of answers at the end of each chapter.

In Chapter Questions and Problems: When you reach the end of each section of a chapter, you will find a group of “Questions and Problems”. Work the assigned problems to reinforce your understanding of this material before going on to read the next section of the chapter. The answers for the odd numbered questions are at the end of each chapter.

End of Chapter Questions and Problems: When you finish reading an entire chapter, work the assigned “Additional Questions and Problems” found at the end of each chapter. The sooner the better while the chapter is still fresh on your mind.

Chapter Number	Work these as you read each section of a chapter.		Work when you finish a chapter.
	Sample Problems and Study Checks	In Chapter Questions and Problems (Odd # Problems)	End of Chapter Questions and Problems (Odd # Problems)
10	1-7; 9-10	1-27; 31-33	35-45; 49-51a
11	1-7	1; 5-23	25-33; 37
12	1-12	1-41	43-71; 74; 75
13	1-15	1; 5-11; 15-49	51-69
14	1-8	3-29; 33-41	43-45; 49-57
15	1-2; 5-8	1-7b; 9abd; 11-17; 21; 25-29; 33-37; 41-61	65; 69-73; 77
16	1-3; 5-11	1-5ad; 6ab; 7-9acd; 13ab; 15-43b; 45-57	61-77; 81-85; 89
17	1-11	1-7; 11; 15-53	55-75
18	1-7; 9-13; 15-16	1-21, 25-33; 41-47; 53; 57-65; 71-81; 85	87-105

This text has so many good questions that it may be easier to cross out the few that I don't recommend rather than marking all the questions that I do recommend. The list below emphasizes the problems not assigned for most of the problem sets.

Chapter Number	Work these as you read each section of a chapter.		Work when you finish a chapter.
	Sample Problems and Study Checks	In Chapter Questions and Problems (Odd # Problems)	End of Chapter Questions and Problems (Odd # Problems)
10	All except 8	(All odds except 29)	35-45; 49-51a
11	All	(All odds except 3)	(All odds except 35)
12	All	(All odds)	43-71; 74; 75
13	All	(All odds except 3, and 13)	(All odds except 71)
14	All	(All odds except 1, 31)	(All odds except 47)
15	All except 3 and 4	1-7b; 9abd; 11-17; 21; 25-29; 33-37; 41-61	(All odds except 63, 67, 75)
16	All except 4	1-5ad; 6ab; 7-9acd; 13ab; 15-43b; 45-57	(All odds except 79, 87)
17	All	(All odds except 9, 13)	(All odds)
18	All except 8, 14, 17	1-21, 25-33; 41-47; 53; 57-65; 71-81; 85	(All odds)

As you read the text you should also note that each numbered figure (ex. FIGURE 12.12) has a related question. These make good review questions when reading the chapter and when studying for quizzes or tests.