

Student Edition



Online ChemSkill Builder

The most widely adopted
problem-solving software
for general chemistry.

- **A**ssignable
- **A**ccessible
- **A**lgorithmic

www.chemskillbuilder.com

REGISTRATION INSTRUCTIONS

6 Easy steps to register:

1. Using your browser, go to www.chemskillbuilder.com and click on “New Student Registration”.
2. Enter your Student Login Number (located in the bottom panel) and create your own custom user name. Click on “Submit” when finished.
3. Fill out your personal information and, using the drop down menus, register yourself with a school, instructor, course and section.
4. Create your own custom login number.
5. Click on “Credit Mode”.
6. Be sure to write down your custom login number and custom user name in the spaces below for future reference.

Your Registration Is Complete!

Custom login number

Custom user name

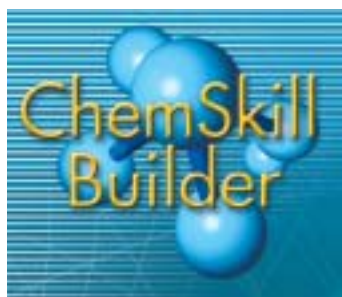
Student Login Number

ChemSkill Builder Walk-through

Welcome to Online ChemSkill Builder! This program provides you with the tutorial practice you need to master the concepts covered in your general chemistry course. This incredible online tool contains more than 1500 algorithmically-generated questions, each with tutorial feedback. There is a direct correlation between your time investment in this program and increased problem-solving ability.

Features and benefits of Online ChemSkill Builder include:

- Scores are saved online each time you complete a section.
- Questions are presented in a randomized fashion with a constant mix of variables—no two students receive the same questions. This provides plenty of opportunity for practice.
- Answers are checked immediately, and fully worked out solutions are presented in response to wrong answers. This program teaches you problem-solving skills!
- Twenty-five units include coverage of critical concepts such as stoichiometry, scientific notation, the periodic table, and gases. You will learn problem-solving skills for every topic in the general chemistry course.



www.chemskillbuilder.com

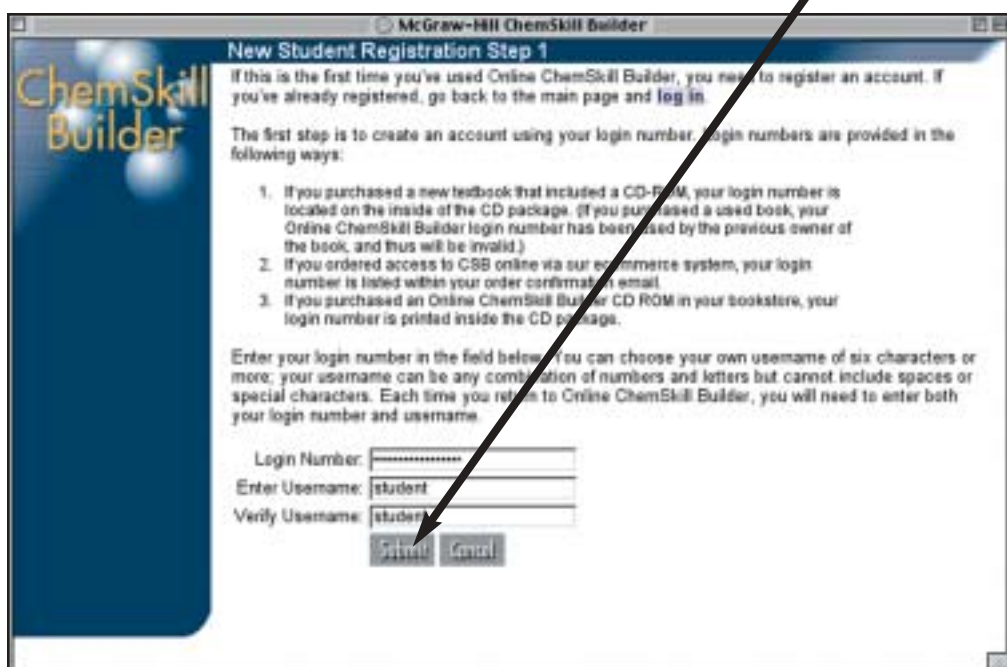
Student Registration & Walk-through

In order to use ChemSkill Builder you must log in. A student login number is included on the inside cover of this walkthrough booklet. Log in as follows.

Registration: Log on to www.chemskillbuilder.com. Click on “New Student Registration.”



Enter your Student Login Number (located on the inside cover) and create your own custom user name. Click on “Submit” when finished.



You will need four pieces of information from your instructor to successfully complete the registration process: 1) School; 2) Instructor; 3) Course ID. 4) Section ID. Select the appropriate settings from the various drop down menus and fill in the rest of your personal information. When you are finished, click on "Credit Mode." You will be prompted to verify this information. If the information is correct, click "OK". If not, click "Cancel" and correct it.

McGraw-Hill ChemSkill Builder
New Student Registration: Step 2

Enter the appropriate information in the fields provided. Use the drop down menus to select your School, then your Instructor, then your Course ID and Section ID. Be sure to select the correct campus and School, and to select the correct Section and Course, or you will not show up in your instructor's grade book! When you are finished, click on the "Credit Mode" or "Non-Credit Mode" button.

Name (First, Last)
Email
Student ID
School
Instructor
Course ID
Section ID
Select Semester/Year

Enter Answer: Verify Answer:
If you forget your login number and username, you'll need to answer this question correctly in order to have the username and login e-mailed to you.

You may change your login number (username+202533) to something more familiar. Your new login can be any combination of numbers and letters but cannot include spaces or special characters.

New login number: Verify new login number:

Credit Mode In credit mode, your scores are saved to your instructor's gradebook. You need to indicate your instructor's name, and course and section IDs, above to use Online ChemSkill Builder in credit mode.
Non-Credit Mode In non-credit mode, your scores are kept until you log out. They are not saved to any instructor gradebook.

When registration is complete, you will be asked to log back in with your student login number and user name.

ChemSkill Builder
Welcome to ChemSkill Builder!
The most widely adopted chemistry problem-solving application is now online!

Registered Users:
Enter User Name
Enter Login Number
LOGIN

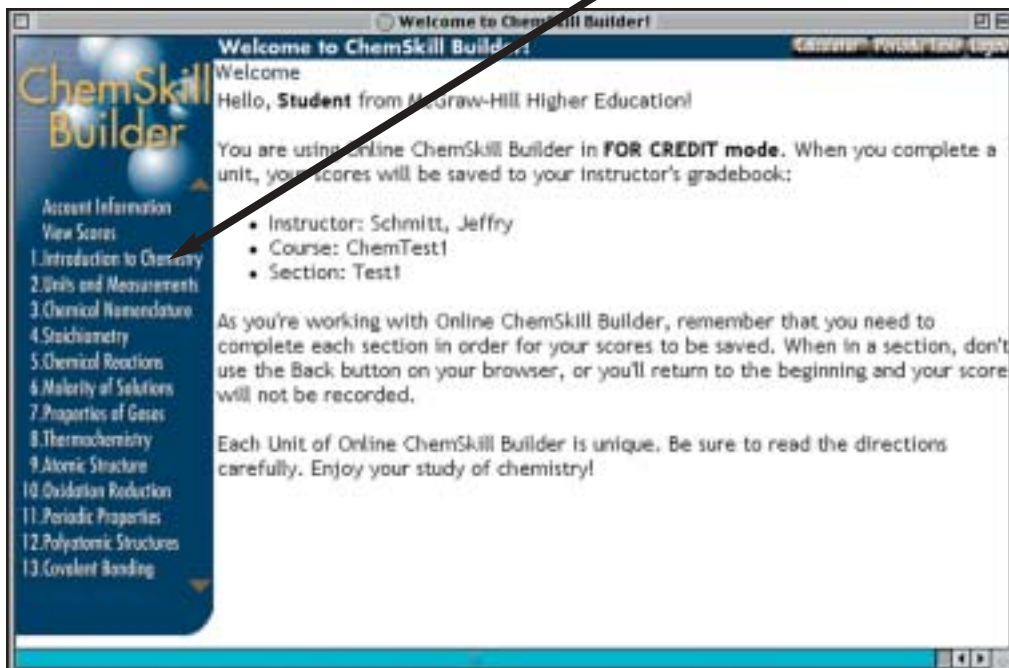
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Accessible
Assignable
Algorithmic

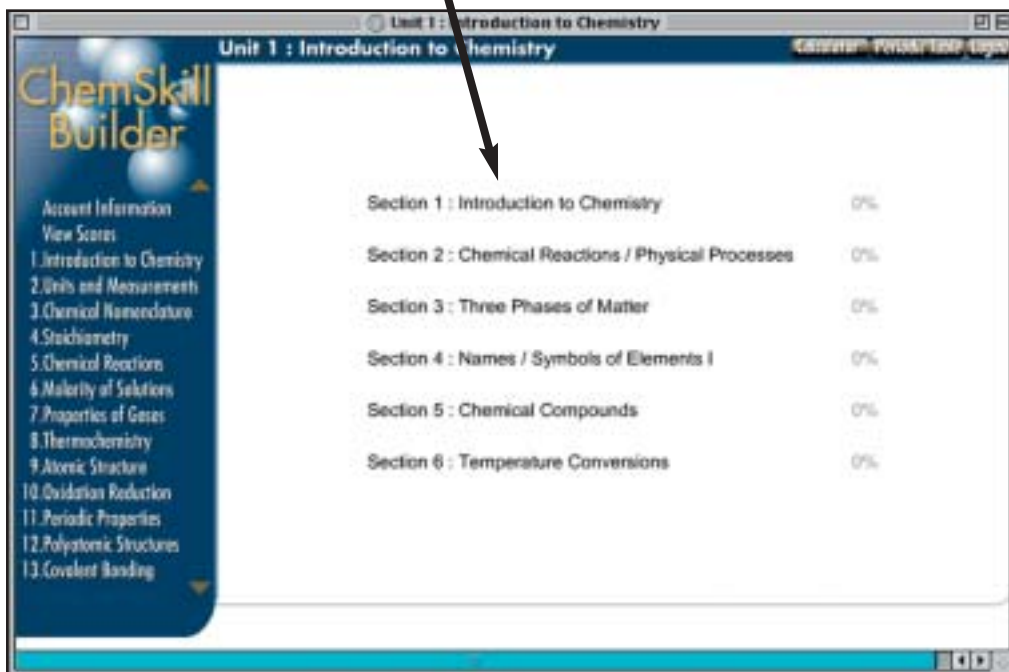
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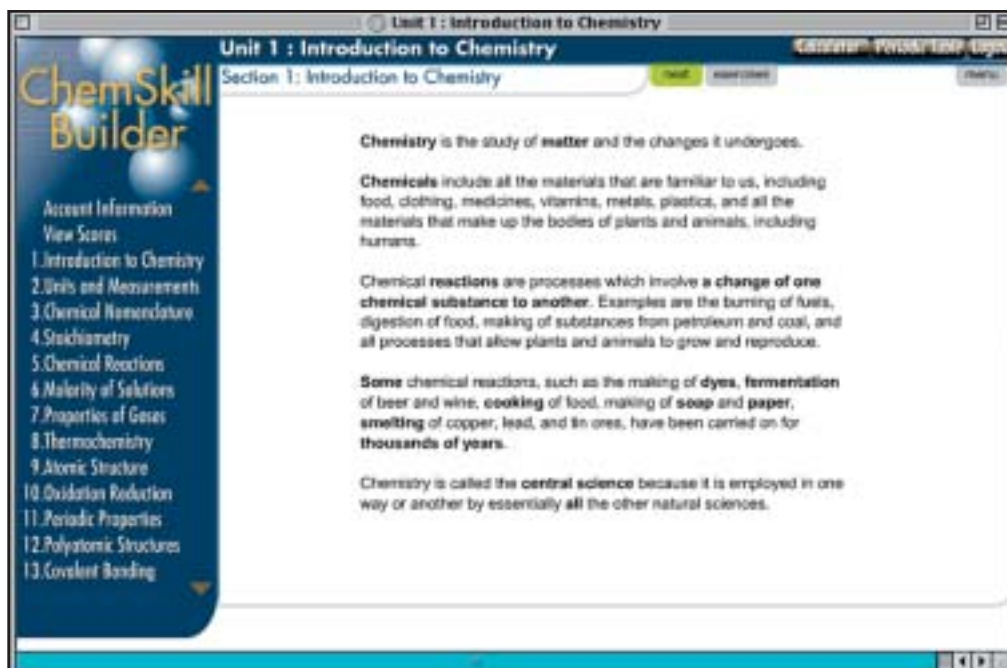
You are ready to begin ChemSkill Builder! Click on an assigned unit from the left-hand navigation bar and begin.



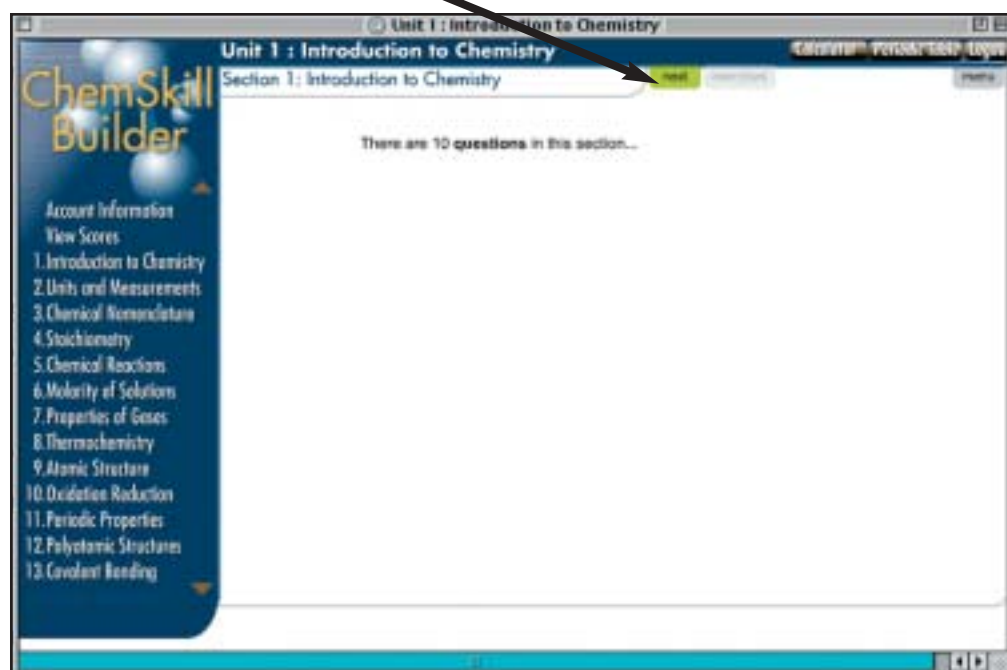
We chose unit 1: Introduction to Chemistry. Each unit contains approximately six sections.



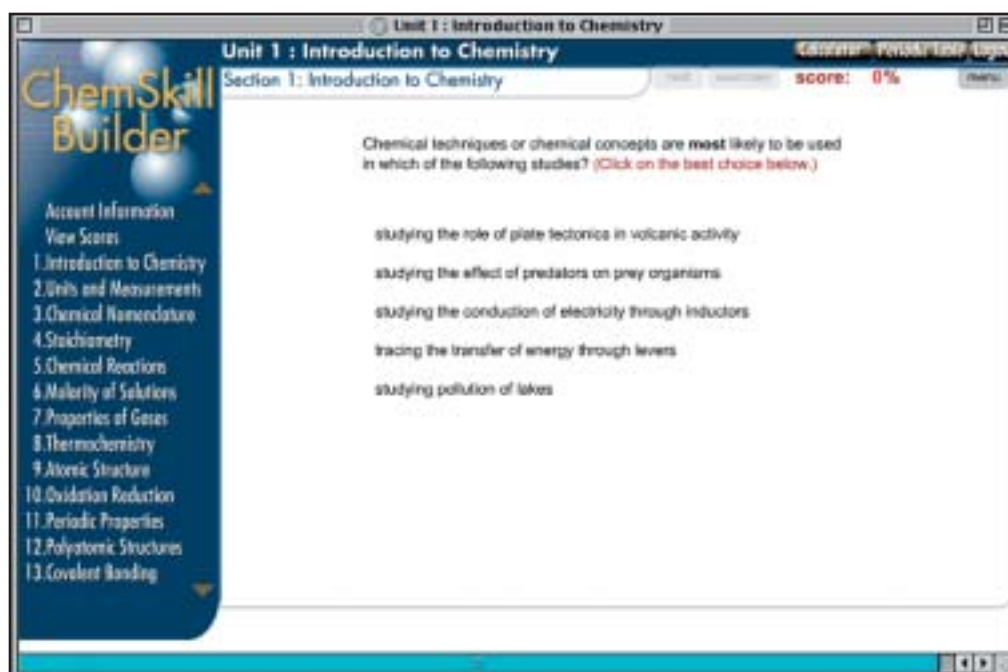
Most sections give a brief introduction on the material to be covered in that particular section.



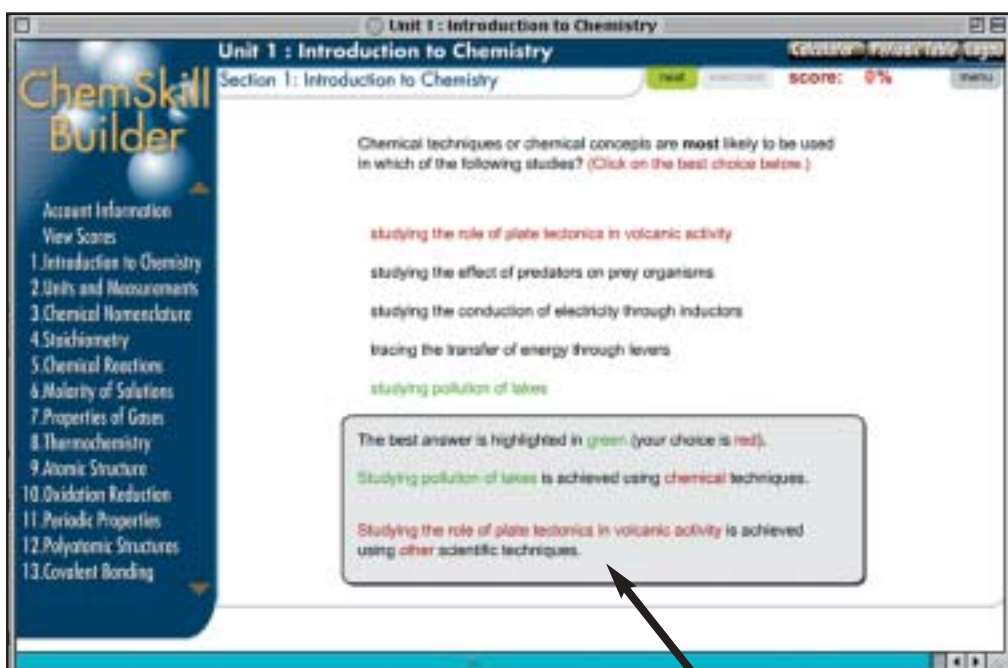
Click on “Next” or “Exercises” to begin your work in a particular section. Before you begin your work, the program will let you know how many exercises are in that particular section. For this “Walk-through” click “Next.”



Multiple choice, true/false and fill-in-the-blank questions are offered. Using your mouse, click on an answer and hit the “enter” key on your keyboard.



Tutorial feedback is provided when an incorrect answer is given. Scores are tallied at the top of the screen. Partial credit is given if your answer is “close.”



Answer and Feedback

Click "Next" and answer the next question. Continue to answer the rest of the questions in the section.

The screenshot shows the ChemSkill Builder interface for Unit 1: Introduction to Chemistry. The score is 10%. A question asks: "Which of the following is least likely to involve the use of chemical techniques or chemical concepts? (Click on the best choice below.)" The options are: "studying how animals digest complex sugars", "studying the loss of nutrients from the soil", "studying the composition of the sun", "studying how plants produce pigments", and "studying the source of gravity". The selected answer is "studying the source of gravity". A feedback box says: "Great work! Studying the source of gravity is achieved using non-chemical techniques." An arrow points from a text box to the score.

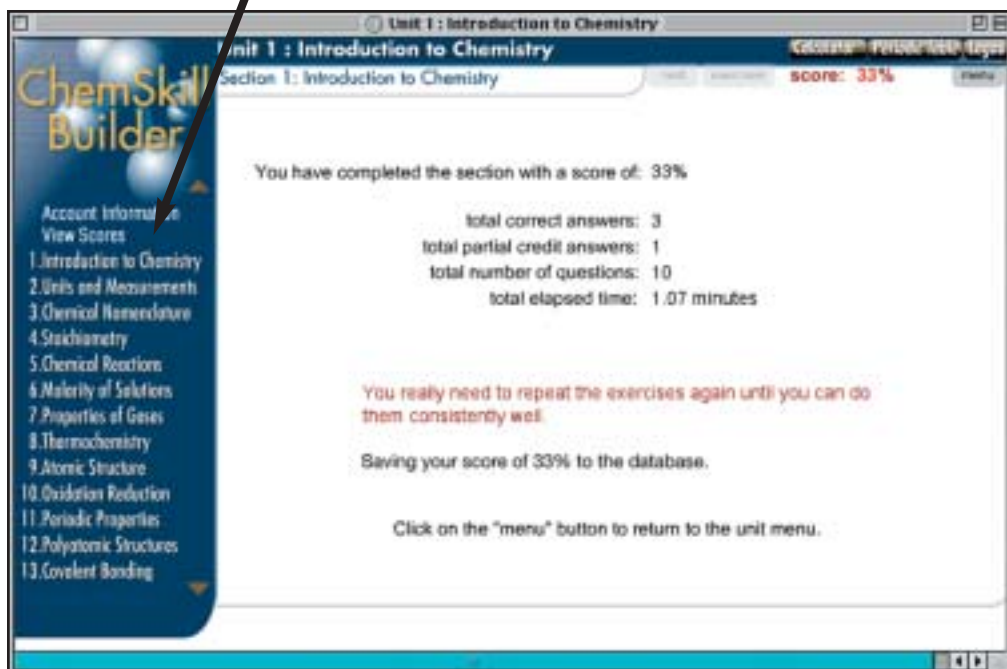
Score tallied when questions answered correctly

When completed with a section, your scores will save to the instructor's grade book. If you fared poorly on this section, you may go back, do the work and improve your score.

The screenshot shows the ChemSkill Builder completion screen for Unit 1: Introduction to Chemistry. The score is 33%. The text says: "You have completed the section with a score of: 33%". A summary box shows: "total correct answers: 3", "total partial credit answers: 1", "total number of questions: 10", and "total elapsed time: 1.07 minutes". A message says: "You really need to repeat the exercises again until you can do them consistently well." and "Saving your score of 33% to the database." An arrow points from a text box to the partial credit count.

Partial credit given

Click on “View Scores” to view scores for all of your completed work in the program.



This is how your scores will appear when you view them.



This concludes your walk-through of the ChemSkill Builder Program. Your score has been recorded in the database and instructor grade book. Click on “Logout.”

Congratulations, you have now created your student record and have completed a homework assignment.

System Requirements

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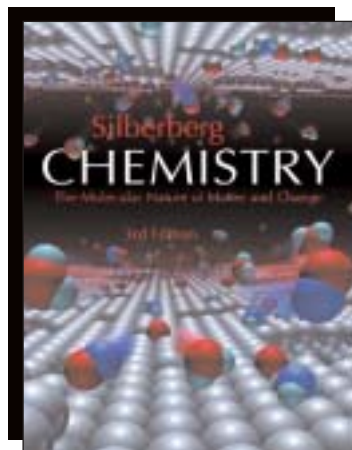
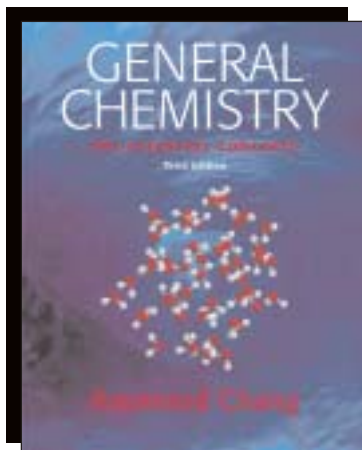
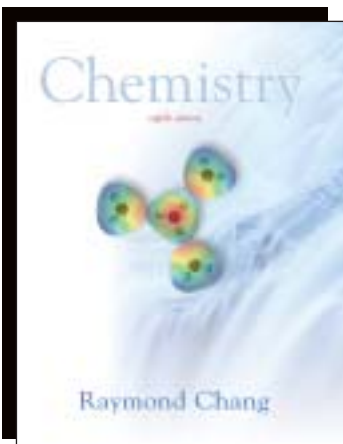
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