

[PDF] Chemistry Essentials For Dummies

John T. Moore - pdf download free book

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Description:

From the Back Cover Just the critical concepts and information you need to ace Chemistry

From bonds and reactions to acids, bases, and the mole, *Chemistry Essentials For Dummies* focuses on the essential information and concepts students encounter in a first semester college or high school chemistry class. This handy guide is perfect for cramming, homework help, or as a reference for parents helping kids study for exams.

- What's the matter? — Get to the heart of matter and energy, from states of matter and their changes to kinetic and potential energy
2. Get a reaction — Discover the ins and outs of chemical reactions, how they occur, and how they can be balanced

3. Bring it to the table — Understand how elements are arranged in the periodic table and get a handle on metals, nonmetals, and metalloids
4. Dig the mole — Learn about "the mole" and find out how to count by weighing, apply Avogadro's number, and work with moles and chemical reactions

Open the book and find:

- How to measure matter
2. The nuts and bolts of atomic structure
 3. An overview of the periodic table of elements
 4. Examples of chemical reactions
 5. Plain-English explanations of ionic and covalent bonds
 6. Properties of acids and bases
 7. The laws that gases obey
 8. How to use electron-dot formulas

Learn to:

- Exactly what you need to know about matter and energy
2. The basics of chemical bonds
 3. How to balance chemical reactions

About the Author John T. Moore, EdD, is Regents Professor of Chemistry at Stephen F. Austin State University. He is the author of *Chemistry For Dummies* and coauthor of *Biochemistry For Dummies*.

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