

# Chapter 7 Basics of Chemistry

1. The science that deals with the composition, structure, and properties of matter and how matter changes under different conditions
2. The study of substances that contain the element carbon
3. The branch of chemistry dealing with compounds that do not contain the element carbon, but may contain the element hydrogen
4. Any substance that occupies space and has mass
5. The simplest form of chemical matter; can't be broken down without a loss of identity
6. The particles from which all matter is composed
7. Formed by joining two or more atoms chemically
8. Contain two or more atoms of the same element that are united chemically
9. Chemical combinations of two or more atoms of different elements that are united chemically
10. Have definite size and a definite shape
11. Have a definite size but a definite shape
12. Do not have a definite size or a definite shape
13. Characteristics that can be determined without a chemical reaction and that do not cause a chemical change in the identity of the substances
14. Characteristics that can be determined only with a chemical reaction and that cause a chemical change in the identity of the substance
15. Change in the form or physical properties of a substance without the formation of a new substance
16. Change in the chemical composition of a substance, in which a new substance are formed having properties different from the original
17. Combination of two or more atoms of different elements united chemically; fixed chemical composition, definite proportions, distinct properties
18. Combination of two or more substances that are united physically, in any proportions with combined properties
19. (H) colorless, odorless, tasteless gas and the lightest element known
20. (O) The most abundant element found on earth, is a colorless, odorless, tasteless gas

- A. Hydrogen
- B. Organic chemistry
- C. Chemical properties
- D. Elemental molecules
- E. Liquids
- F. Physical mixtures
- G. Nitrogen
- H. Physical change
- I. Compound molecules
- J. Oxygen
- K. Air
- L. Chemical compounds
- M. Physical properties
- N. Hydrogen peroxide
- O. Chemical change
- P. Gases
- Q. Molecule
- R. Chemistry
- S. Solids
- T. Elements

# Chapter 7 Chemistry Test

**E Durkheim**



## Chapter 7 Chemistry Test:

McGraw-Hill's SAT Subject Test Chemistry, 3rd Edition Thomas Evangelist, 2011-02-03 Expert guidance on the Chemistry exam Many colleges and universities require you to take one or more SAT II Subject Tests to demonstrate your mastery of specific high school subjects McGraw Hill's SAT Subject Test Chemistry is written by experts in the field and gives you the guidance you need to perform at your best This book includes 4 full length sample tests updated for the latest test format 40 top tips to remember on test day Glossary of tested chemistry terms and formulas Tips and strategies from one of the most popular teachers at the renowned Brooklyn Technical High School Diagnostic test to pinpoint strengths and weaknesses Step by step review of all topics covered on the exam In depth coverage of the lab experiment questions that are a major test feature Charts tables and illustrations to simplify and reinforce learning Practice tests just like the real SAT Subject Test in Chemistry Test taking tips and strategies **McGraw-Hill's SAT Subject Test: Chemistry, 2ed** Thomas

Evangelist, 2009-02-01 We want to help you score high on the SAT Chemistry test We've put all of our proven expertise into McGraw Hill's SAT Subject Test Chemistry to make sure you're fully prepared for this difficult exam With this book you'll get essential skill building techniques and strategies created by a leading high school chemistry teacher You'll also get 5 full length practice tests hundreds of sample questions and all the facts about the current exam With McGraw Hill's SAT Subject Test Chemistry we'll guide you step by step through your preparation program and give you the tools you need to succeed 5 full length sample tests with complete explanations for every question 40 top test items to remember on exam day A step by step review of all topics covered on the exam Teacher recommended tips and strategies to help you raise your score

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score high STEP 5 Build your confidence with full length practice exams **5 Steps to a 5 AP Chemistry, 2008-2009 Edition** John T. Moore, Richard H. Langley, 2008-01-04 A PERFECT PLAN FOR THE PERFECT SCORE We want you to succeed on your AP exam That s why we ve created this 5 step plan to help you study more effectively use your preparation time wisely and get your best score This easy to follow guide offers you a complete review of your AP course strategies to give you the edge on test day and plenty of practice with AP style test questions You ll sharpen your subject knowledge strengthen your thinking skills and build your test taking confidence with Full length practice exams modeled on the real test All the terms and concepts you need to know to get your best score Your choice of three customized study schedules so you can pick the one that meets your needs The 5 Step Plan helps you get the most out of your study time Step 1 Set Up Your Study Program Step 2 Determine Your Readiness Step 3 Develop the Strategies Step 4 Review the Knowledge Step 5 Build Your Confidence **5 Steps to a 5 AP Chemistry, 2010-2011 Edition** John Moore, Richard H. Langley, 2010-01-01 A Perfect Plan for the Perfect Score We want you to succeed on your AP exam That s why we ve created this 5 step plan to help you study more effectively use your preparation time wisely and get your best score This easy to follow guide offers you a complete review of your AP course strategies to give you the edge on test day and plenty of practice with AP style test questions You ll sharpen your subject knowledge strengthen your thinking skills and build your test taking confidence with Full length practice exams modeled on the real test All the terms and concepts you need to know to get your best score Your choice of three customized study schedules so you can pick the one that meets your needs The 5 Step Plan helps you get the most out of your study time Step 1 Set Up Your Study Program Step 2 Determine Your Readiness Step 3 Develop the Strategies Step 4 Review the Knowledge Step 5 Build Your Confidence Topics include Reactions and Periodicity Stoichiometry Gases Thermodynamics Spectroscopy Light and Electrons Bonding Solids Liquids and Intermolecular Forces Solutions and Colligative Properties Kinetics Equilibrium Electrochemistry Nuclear Chemistry and Organic Chemistry Also includes AP Chemistry practice exams AP Advanced Placement Program and College Board are registered trademarks of the College Entrance Examination Board which was not involved in the production of and does not endorse this product **5 Steps to a 5 AP Chemistry, 2012-2013 Edition** Richard H. Langley, John Moore, 2011-06-10 A Perfect Plan for the Perfect Score We want you to succeed on your AP exam That s why we ve created this 5 step plan to help you study more effectively use your preparation time wisely and get your best score This easy to follow guide offers you a complete review of your AP course strategies to give you the edge on test day and plenty of practice with AP style test questions You ll sharpen your subject knowledge strengthen your thinking skills and build your test taking confidence with Full length practice exams modeled on the real test All the terms and concepts you need to know to get your best score Your choice of three customized study schedules so you can pick the one that meets your needs The 5 Step Plan helps you get the most out of your study time Step 1 Set Up Your Study Program Step 2 Determine Your Readiness Step 3 Develop the Strategies Step 4 Review the

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