

CHM 1045 EXERCISE 10: CHEMICAL AND PHYSICAL CHANGES

Directions: This assessment is designed to evaluate your basic understanding of basic chemical, physical, and biological changes and processes. Review the information provided below. There is a diagram that that illustrates the molecular model for the water cycle. Use the following facts. Place your answers on the answer sheet provided. Part 1 is, when ready, answer page.

Part 1 – Matter, Structure, Phase

1. Matter is anything that has mass and occupies space.
2. Matter is characterized by having a definite shape and volume.
3. Matter has no mass and no characteristic shape.
4. It determines the shape of the container and its volume.
5. It has a definite shape and volume and definite temperature.
6. It undergoes changes in temperature or pressure.
7. It is a physical state of matter or mass.
8. It is a physical state of matter.
9. It is a physical state of matter, usually, liquid.
10. It is a physical state of matter or temperature.

Part 2 – Chemical Elements and Symbols

Write the name of the element representing the following symbols on your answer sheet.

1. Cu 2. H 3. O 4. N 5. Fe 6. C 7. S 8. Cl 9. Br 10. P

Part 3 – Chemical and Physical Changes

Classify each change as either chemical or physical. Write on the sheet the type of change you observe.

1. Boiling water
2. Rusting of iron
3. Melting of ice
4. Burning of wood
5. Dissolving sugar in water

Introduction To Science Gradpoint Pretest Chemistry

Steven S. Zumdahl



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Discover Chemistry, 2018 **Introduction to Chemistry** Darrell D. Ebbing, 1995-01-01 **Basics of Introductory Chemistry** Mark S. Cracolice, Edward I. Peters, 2007 BASICS OF INTRODUCTORY CHEMISTRY WITH MATH REVIEW and its accompanying access to the CengageNOW personalized learning system offers the perfect blend of tools for success This innovative text takes an active learning approach towards chemistry that allows you to test your knowledge as you learn the material With this book in your pocket success in chemistry is sure to follow **Introductory Chemistry** Steven S. Zumdahl, 2003-09-01 **Introductory Chemistry** Mark S. Cracolice, Edward I. Peters, 2005-01-01 This companion workbook contains more semi programmed examples as well as additional problems for the students to work Engaging students in active learning via these examples and additional problems helps the students to convert the information they are given into true understanding **Chemistry Theme Test**, 1991 **AP Chemistry For Dummies** Peter J. Mikulecky, Michelle Rose Gilman, Kate Brutlag, 2008-12-10 Gearing up for the AP Chemistry exam AP Chemistry For Dummies is packed with all the resources and help you need to do your very best This AP Chemistry study guide gives you winning test taking tips multiple choice strategies and topic guidelines as well as great advice on optimizing your study time and hitting the top of your game on test day This user friendly guide helps you prepare without perspiration by developing a pre test plan organizing your study time and getting the most out of your AP course You ll get help understanding atomic structure and bonding grasping atomic geometry understanding how colliding particles produce states and much more Two full length practice exams help you build your confidence get comfortable with test formats identify your strengths and weaknesses and focus your studies Discover how to Create and follow a pretest plan Understand everything you must know about the exam Develop a multiple choice strategy Figure out displacement combustion and acid base reactions Get familiar with stoichiometry Describe patterns and predict properties Get a handle on organic chemistry nomenclature Know your way around laboratory concepts tasks equipment and safety Analyze laboratory data Use practice exams to maximize your score AP Chemistry For Dummies gives you the support confidence and test taking know how you need to demonstrate your ability when it matters most

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Introduction to Modern Scientific Chemistry Lassar Cohn, 2019

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