

Worksheet 10

Determining Empirical Formulas

Name _____

What is the empirical formula (lowest whole number ratio) of the compounds below

1. Compound that has 60.g carbon and 20. g hydrogen
2. Compound that has 26.35 g potassium and 23.65 g chloride
3. Compound has 22.1 g aluminum, 25.4 g phosphorus and 52.5 g oxygen
4. Compound is 13% magnesium and 87% bromine
5. Compound is 32.4 % sodium, 22.5% sulfur, and 45.1% oxygen
6. The empirical formula of a compound is NO_2 . Its molecular mass is 92 g/mol. What is its molecular formula
7. A compound is found to be 40.0% carbon, 6.7% hydrogen and 53.5% oxygen. Its molecular mass is 70 g/mol. What is the compounds molecular formula?

Determining Empirical Formulas Answer Key 75 Carbon

**Ji Su Park, David Camacho, Stefanos
Gritzalis, James J. Park**



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Chemistry insights 'O' level Rex M. Heyworth, 2007

General Chemistry Key Concise Review Guide Sixth Edition Darrell D. Ebbing, 1999

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Regents Chemistry--Physical Setting Power Pack Revised Edition Albert S. Tarendash, 2021-01-05 Barron's two book Regents Chemistry Power Pack provides comprehensive review actual administered exams and practice questions to help students prepare for the Chemistry Regents exam This edition includes Regents Exams and Answers Chemistry Eight actual administered Regents Chemistry exams so students can get familiar with the test Thorough explanations for all answers Self analysis charts to help identify strengths and weaknesses Test taking techniques and strategies A detailed outline of all major topics tested on this exam A glossary of important terms to know for test day Let's Review Regents Chemistry Extensive review of all topics on the test Extra practice

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Conference on Computer Science and its Applications CSA 2024 in Pattaya Thailand December 18 20 2024 The aim of this meeting was to promote discussion and interaction among academics researchers and professionals in the field of ubiquitous computing technologies and computer science and its applications These proceedings reflect the state of the art in the development of computational methods involving theory algorithms numerical simulation error and uncertainty analysis and novel applications of new processing techniques in engineering science and other disciplines related to ubiquitous computing

The popular educator Popular educator, 1876 *Journal of Research of the National Bureau of Standards* United States.

National Bureau of Standards, 1972 **Scientific and Technical Aerospace Reports**, 1975 Lists citations with abstracts for aerospace related reports obtained from world wide sources and announces documents that have recently been entered into the NASA Scientific and Technical Information Database **Chemistry** George M. Bodner, Harry L. Pardue, 1995 Using

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Magnetic Resonance Spectra of Monosubstituted Pyridines H. L. Retcofsky, Haskiel R. Shell, Robert A. Beall, Sabri

Ergun, Kenneth H. Ivey, Robert A. Friedel, 1968 *MCAT General Chemistry Review 2026-2027* Kaplan Test Prep, 2025-07-08

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