

Name: _____ Date: _____ Class: _____

Calculating Molar Mass- Answer Key

Use a periodic table to determine the molar mass of the following elements.

1. Chlorine - 35.45 g/mol

7. Sodium - 22.99 g/mol

2. Nitrogen - 14.01 g/mol

8. Hydrogen - 1.008 g/mol

3. Palladium - 106.42 g/mol

9. Gallium - 69.72 g/mol

4. Scandium - 44.96 g/mol

10. Holmium - 164.93 g/mol

5. Tin - 118.71 g/mol

11. Actinium - 227 g/mol

6. Iron - 55.85 g/mol

12. Gold - 196.97 g/mol

Determine the molar mass of the following compounds. Show your work.

13. NaCl - 58.44 g/mol

20. NaOH - 39.998 g/mol

14. AgNO₃ - 169.87 g/mol

21. Ca₃(CO₃)₂ - 258.28 g/mol

15. (NH₄)₂CO₃ - 96.096 g/mol

22. Mg(OH)₂ - 58.32 g/mol

16. H₂ - 2.016 g/mol

23. CH₄ - 16.042 g/mol

17. CuBr - 134.45 g/mol

24. C₁₂H₂₂O₁₁ - 342.30 g/mol

18. H₂O - 18.015 g/mol

25. Al₂O₃ - 101.96 g/mol

19. C₁₀H₈O₄ - 192.16 g/mol

26. H₂O₂ - 34.015 g/mol

Calculating Molar Mass Worksheet With Answers

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A decorative graphic consisting of a light blue horizontal bar with a rounded right end, and a red circular shape partially visible behind it.

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Fundamentals of Analytical Chemistry Douglas A. Skoog, 2004 This text is known for its readability combined with a systematic rigorous approach Extensive coverage of the principles and practices of quantitative chemistry ensures suitability for chemistry majors

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Holt Chemistry Holt Rinehart & Winston, 2003-01-24

Holt Chemistry Ralph Thomas Myers, 2004

Science and Mathematics Lab Ma, 2002-05 Includes 30 labs for students to use to connect mathematics to science concepts

Merrill Chemistry Robert C. Smoot, Smoot, Richard G. Smith, Jack Price, 1998

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Quick Access Research and Education Association, 2009-09-25 REA's Quick Access Study Charts contain all the information students teachers and professionals need in one handy reference They provide quick easy access to important facts The charts contain commonly used math formulas historical facts language conjugations vocabulary and more Great for exams classroom reference or a quick refresher on the subject *Basic Principles of Calculations in Chemistry* Ayorinde Awonusi, 2010-10-13 Basic Principles of Calculations in Chemistry is written specifically to assist students in understanding chemical calculations in the simplest way possible Chemical and mathematical concepts are well simplified the use of simple language and stepwise explanatory approach to solving quantitative problems are widely used in the book Senior secondary school high school and general pre college students will find the book very useful as a study companion to the courses in their curriculum College freshmen who want to understand chemical calculations from the basics will also find many of the chapters in this book helpful toward their courses Hundreds of solved examples as well as challenging end of chapter exercises are some of the great features of this book Students studying for SAT I II GCSE IGCSE UTME SSCE HSC and other similar examinations will benefit tremendously by studying all the chapters in this book conscientiously Counting Moles: Simple Solutions in Chemistry Nigel Freestone, 2017-11-29 Students studying chemistry often struggle with the mole Counting Moles provides an effective aid to learning by giving clear and confident presentation of the essentials of the mole concept needed by those starting chemistry courses This user friendly self teach e book is split into six chapters which sequentially introduce the mole calculating frame to help solve problems Over 200 fully worked examples are given along

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