

CH301 Worksheet 1 Answer Key: High School Chemistry Questions.

For each problem, identify the kind of question BEFORE answering it.

- A 25 kg ball has a kinetic energy of 225 J. What is the speed of the ball?
What kind of question is this? energy
3 m/s
- How many molecules of water are there in 100 mL of water? (The density of water = 1,000 g/mL)
What kind of question is this? stoichiometry
 3.34×10^{24} molecules
- Given that the atomic mass of carbon is given as 12.0107 g/mol, what are the approximate relative abundances of the two isotopes ^{12}C and ^{13}C ? *What kind of question is this? isotopes*
98.93% ^{12}C , 1.07% ^{13}C
- In the electrolysis of $2\text{H}_2\text{O} \rightarrow 2\text{H}_2 + \text{O}_2$, how many atom of O in O_2 are made from 4 g of H_2O ?
What kind of question is this? stoichiometry
 1.34×10^{23} molecules
- What are the most likely ionic forms of (a) sodium and (b) calcium?
What kind of question is this? periodic trends
(a) Na^+ ; (b) Ca^{2+}
- What is the product of a reaction between metallic lithium and oxygen, O_2 ?
What kind of question is this? oxidation numbers
 Li_2O
- Name the following species: (a) Cl^- , (b) NO_3^- , (c) C_3H_8 . *What kind of question is this? naming*
(a) chloride; (b) nitrate; (c) propane
- The combustion of ethanol has the following equation: $\text{C}_2\text{H}_5\text{OH} + 3 \text{O}_2 \rightarrow 2 \text{CO}_2 + 2 \text{H}_2\text{O}$
What mass of CO_2 is formed from 1 kg of ethanol? *What kind of question is this? stoichiometry*
1.913 kg
- Vitamin K contains 78.95% C, 3.95% H, and 21.05% O by mass. What is its empirical formula?
What kind of question is this? empirical formula calculation
 $\text{C}_5\text{H}_8\text{O}$
- Given that vitamin K (see question 9) has molecular weight of 158.15 g/mol, what is its molecular formula? *What kind of question is this? molecular formula calculation*
 $\text{C}_{10}\text{H}_{16}\text{O}_2$

Click here to access this Book :

FREE DOWNLOAD

Chemistry Matters Answer Key

[Chemistry Matters Answer Key](#)

When people should go to ebook stores, look up establishment by store, shelf by shelf, this is really problematic. This is why we offer compilations of book on this site. It will be extremely facilitate the look guide [Chemistry Matters Answer Key](#) as you like.

By searching for the title, publisher, or authors of the guide that you want actually, you can discover them quickly. In the home, workplace or maybe in your method can be every better area in network connections. If you aim to download and install the Chemistry Matters Answer Key, it is definitely simple then, previously currently, we extend the member to buy and do good business to download and install Chemistry Matters Answer Key suitably simple!

[Answer Reading Comprehension Worksheets 2nd Grade](#), [Bedford Handbook 8th Edition Free About Bedford Handbook 8th Edition Or Read Online Viewer Sea](#), [Steps To Advanced Reading Mastery Test Answers](#), [Crucible Act 3 Reading Strategy Evaluate Arguments Answer Key](#), [Crucible Reading Answers Act 3](#), [Spectrum Communications Handbook](#), [Art Of Spiritual Writing How To Craft Prose That Engages And Inspires Your Readers](#), [Reading Grade 2 Answer Key](#), [Caramel Tree Readers Level 2](#), [Realms Readings Anthropology Religion Richard](#), [Explorer Grade 7 D Reading And Study Workbook Answers](#), [Quality Control By M Mahajan Free About Quality Control By M Mahajan Or Read Online](#), [Language Of Composition Reading Writing Rhetoric Renee H Shea](#), [Ein Reader De Gruyter Studium](#), [Literacy Center Contexts For Reading And Writing](#), [Writing A Reader Centered Approach](#), [Interactive Reader Plus Answers Grade](#)

[9](#), [New Sociolinguistics Reader Coupland Jaworski](#), [Steps To Improving College Reading Skills 5th Edition Free About Steps To Improving College Reading](#), [Fruitcake Special And Other Stories Cambridge English Readers Level 4 Frank Brennan](#), [Reading Writing Level 3 Macmillan English](#), [Modeling And Decision Analysis Answer Key](#), [Elements Of Moral Philosophy And Right Thing To Do Basic Readings In Moral Philosophy And A Dictionary Of Common Philosophical Terms All 3 Books Included](#), [Modeling And Decision Analysis 6th Edition](#), [Optimum Nutrition Bible Book You Have To Read If You Care About Your Health Book You Have To Read If You Care About Your Health](#), [Thoughtful Reader 5th Edition](#), [Townsend College Preparatory Reading Test Form D Answers](#), [Reading Writing Level 2 Macmillan English Book Mediafile Free File Sharing](#), [Reading And Writing Teacher Book And Digiboo](#), [Earthscan Reader In Sustainable Development Earthscan Reader Series](#), [Cows Make The Best Burgers Developing Change Ready People And Organizations](#)