

Name _____ Date _____ Class _____

12

STOICHIOMETRY

SECTION 12.1 THE ARITHMETIC OF EQUATIONS (pages 353–358)

This section explains how to calculate the amount of reactants required or product formed in a nonchemical process. It teaches you how to interpret chemical equations in terms of interacting moles, representative particles, masses, and gas volume at STP.

► Using Everyday Equations (pages 353–355)

1. How can you determine the quantities of reactants and products in a chemical reaction?

You can use the balanced equation.

2. Quantity usually means the amount of a substance expressed in grams or moles.

3. A bookcase is to be built from 3 shelves (Sh), 2 side boards (Sb), 1 top (T), 1 base (B), and 4 legs (L). Write a “balanced equation” for the construction of this bookcase.

3Sh + 2Sb + T + B + 4L = Sh,Sb,TBL

► Using Balanced Chemical Equations (page 354)

4. Is the following sentence true or false? Stoichiometry is the calculation of quantities in chemical reactions. true
5. Calculations using balanced equations are called stoichiometric calculations.

► Interpreting Chemical Equations (pages 356–357)

6. From what elements is ammonia produced? How is it used?
Ammonia molecules are composed of nitrogen and hydrogen. It is used as a fertilizer.
7. Circle the letter of the term that tells what kind of information you CANNOT get from a chemical equation.
- | | |
|-----------------------------|------------------------|
| a. moles | d. volume |
| b. mass | e. number of particles |
| <u>c. size of particles</u> | |

© Pearson Education, Inc., publishing as Pearson Prentice Hall. All rights reserved.

Chapter 12 Stoichiometry 127

Click here to access this Book :

[FREE DOWNLOAD](#)

Chapter 12 Stoichiometry Answer Key

[Chapter 12 Stoichiometry Answer Key](#)

This is also one of the factors in getting the software documents from this [Chapter 12 Stoichiometry Answer Key](#) online. You might not need more period to spend to go to the books foundation as skillfully as research for them. In some cases you achieve not uncover the proclamation Chapter 12 Stoichiometry Answer Key you are looking for. It will be categorically wasting time.

However below, keeping in mind you visit this web page, it will be suitably very simple to acquire as skillfully by downloading guide Chapter 12 Stoichiometry Answer Key

He will not allow many era as we accustom before. You can accomplish this even if legislation something else at home and even at your workplace. therefore easily! So, are you question? Just exercise what we have the funds below like well like review **Chapter 12 Stoichiometry Answer Key** what you considering read!

[8 Section 1 D Reading Science And Urban Life Answer Key](#), [12 Forces Motion Section 122 Answers](#), [19 D Reading Answer Key](#), [12 Physics Practical Viva Questions With Answers](#), [Tracy Hogg The Baby Whisperer Solves All Your Problems Sleeping Feeding And Behavior Beyond The Basics From Infancy Through Toddlerhood 1st Edition 1252004](#), [12 Stoichiometry Study For Content Mastery Key](#), [Writing Skills Readings Connect](#), [18 Section 4 D Reading Answers](#), [Accounting With Quickbooks 2012 Answers](#), [18 Section 3 D Reading Acquiring New Ls Answers](#), [Ielts Book 4 Reading Answers](#),

[K1200s, Mxm 120 130 140 155 175 190 Workshop Service, Stories No 12](#), [18 Section 1 D Reading Answers, Through College Reading 8th Edition By Brenda D, Renard Series Books 1 12 Julie Garwood, Daily Reading Bible, Charting Explained Workbook Step By Step Exercises And Tests To Help You Master Charting By Morris Gregory L 2012 Paperback, 39 Ap Biology Reading Answers, 12 Anatomy Physiology Packet Answers, Ferdinand Beer Vector Mechanics For Engineers Statics 10th Edition 121411, Ccna 3 Final Exam Answers 2012, 7 The Nervous System Answer Key Page 122, 12 Section 3 D Reading Review Economic Growth, Cornbread Boy The, 12 Section Quiz Holt Geometry, En Iso 14122 3 Safety Of Machinery Permanent Means, Marketing Management B2b 11th Eleventh Edition By Hutt Michael D Speh Thomas W 2012, Mx100 Mx110 Mx120 Mx135 Tractors Service Repair Improved, Lab For Principles Of General Ninth Edition Lab 111112 Adelphi University Lab 111112](#)