

CHEMISTRY FINAL EXAM REVIEW GUIDE 2012 Scott

DISCLAIMER: THIS IS A SAMPLE OF QUESTIONS/PROBLEMS FROM THIS YEAR. PLEASE BE SURE TO REVIEW YOUR NOTES, LABS, COJ'S, OBJECTIVE SHEETS, ETC. DO NOT RELY ONLY ON THIS REVIEW GUIDE.

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1) Which of the following observations is quantitative?
a. The liquid turns blue litmus paper red.
b. The liquid boils at 100°C.
c. The liquid tastes bitter.
d. The liquid is cloudy.
- _____ 2) The symbols for units of length in order from largest to smallest are
a. m, cm, mm, km. c. km, mm, cm, m.
b. mm, m, cm, km. d. km, m, cm, mm.
- _____ 3) A volume of 1 milliliter is equivalent to
a. 1 cubic centimeter. c. 1 liter.
b. 1 gram. d. 10^{-3} cubic decimeters.
- _____ 4) Which pair of quantities determines the density of a material?
a. mass and weight c. volume and concentration
b. volume and weight d. volume and mass
- _____ 5) A sample of gold has a mass of 96.5 g and a volume of 5.00 cm³. The density of gold is
a. 0.0518 g/cm³. c. 101.5 g/cm³.
b. 19.3 g/cm³. d. 483 g/cm³.
- _____ 6) The number of grams equal to 0.5 kg is
a. 0.0005. c. 500.
b. 0.005. d. 5000.
- _____ 7) If 1 inch equals 2.54 cm, how many centimeters equal 1 yard?
a. 0.0706 cm c. 30.5 cm
b. 14.2 cm d. 91.4 cm
- _____ 8) A chemist obtained the values 5.2246 g, 5.2353 g, and 5.2501 g for the mass of a sample. Without knowing the true mass of the sample, it can be said that these values have
a. good precision.
b. good accuracy.
c. poor precision.
d. poor accuracy.
- _____ 9) The measurement 0.035550 g rounded off to two significant figures would be
a. 0.03 g. c. 0.036 g.
b. 0.35 g. d. 3.5×10^2 g.
- _____ 10) When 64.4 is divided by 2.00, the correct number of significant figures in the result is

Lab Chem Study Guide 2012 Final Exam

Michal Rosen-Zvi



Lab Chem Study Guide 2012 Final Exam:

The book delves into Lab Chem Study Guide 2012 Final Exam. Lab Chem Study Guide 2012 Final Exam is an essential topic that needs to be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Lab Chem Study Guide 2012 Final Exam, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:

- Chapter 1: Introduction to Lab Chem Study Guide 2012 Final Exam
- Chapter 2: Essential Elements of Lab Chem Study Guide 2012 Final Exam
- Chapter 3: Lab Chem Study Guide 2012 Final Exam in Everyday Life
- Chapter 4: Lab Chem Study Guide 2012 Final Exam in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, the author will provide an overview of Lab Chem Study Guide 2012 Final Exam. This chapter will explore what Lab Chem Study Guide 2012 Final Exam is, why Lab Chem Study Guide 2012 Final Exam is vital, and how to effectively learn about Lab Chem Study Guide 2012 Final Exam.
3. In chapter 2, the author will delve into the foundational concepts of Lab Chem Study Guide 2012 Final Exam. This chapter will elucidate the essential principles that need to be understood to grasp Lab Chem Study Guide 2012 Final Exam in its entirety.
4. In chapter 3, the author will examine the practical applications of Lab Chem Study Guide 2012 Final Exam in daily life. The third chapter will showcase real-world examples of how Lab Chem Study Guide 2012 Final Exam can be effectively utilized in everyday scenarios.
5. In chapter 4, this book will scrutinize the relevance of Lab Chem Study Guide 2012 Final Exam in specific contexts. This chapter will explore how Lab Chem Study Guide 2012 Final Exam is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, this book will draw a conclusion about Lab Chem Study Guide 2012 Final Exam. The final chapter will summarize the key points that have been discussed throughout the book.

This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Lab Chem Study Guide 2012 Final Exam.

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