

## Dosage & Calculations Oral Suspension Worksheet

Watch Tutorial on how to solve problems here:

<https://www.youtube.com/watch?v=zZ3M747ChrQ>

1. MD orders Lactulose 5 Grams by mouth twice a day. The pharmacy dispenses you with 40 grams/30 ml. How many ml will you administer per dose? Round to the nearest tenth.

$$\text{mL} = \frac{30\text{mL}}{40\text{g}} \left| \frac{5\text{g}}{1} \right| = \frac{150}{40} = 3.75 = \boxed{3.8\text{ mL}}$$

2. MD orders Noxafil oral suspension 25,000 mcg by mouth daily. The pharmacy dispenses you with 100 mg/ml. How many ml will you administer per dose? Round to the nearest tenth.

$$\text{mL} = \frac{1\text{mL}}{100\text{mg}} \left| \frac{1\text{mg}}{1000\text{mcg}} \right| \left| \frac{25000\text{mcg}}{1} \right| = \frac{25000}{100,000} = 0.25 = \boxed{0.3\text{ mL}}$$

3. MD orders Ibuprofen 6mg/kg by mouth every 4 hours as needed for pain for a child. The child weighs 64 lbs. Pharmacy dispenses you with 50mg/2ml. How many ml will you administer per dose? Round to the nearest whole number.

$$\text{mL} = \frac{2\text{mL}}{50\text{mg}} \left| \frac{6\text{mg}}{1\text{g}} \right| \left| \frac{1\text{kg}}{2.2\text{lbs}} \right| \left| \frac{64\text{lbs}}{1} \right| = \frac{768}{110} = 6.98 = \boxed{7\text{ mL}}$$

4. MD orders GI cocktail 250 mg by mouth every 4 hours for one day. The pharmacy dispenses you with 100 mg/2ml. How many ml will you administer DAILY? Round to the nearest whole number.

$$\frac{\text{mL}}{\text{day}} = \frac{2\text{mL}}{100\text{mg}} \left| \frac{250\text{mg}}{4\text{hrs}} \right| \left| \frac{24\text{hrs}}{1\text{day}} \right| = \frac{12000}{400} = \boxed{30\text{ mL}}$$

5. MD orders Cipro oral suspension 500 mg by mouth every 12 hours. The pharmacy dispenses you with 10 grams/ 50 mL. How many tsp will you administer per dose? Round to the nearest tenth.

$$\text{tsp} = \frac{1\text{tsp}}{5\text{mL}} \left| \frac{50\text{mL}}{10\text{g}} \right| \left| \frac{1\text{g}}{1000\text{mg}} \right| \left| \frac{500\text{mg}}{1} \right| = \frac{25000}{50,000} = \boxed{0.5\text{ tsp}}$$

# Dimensional Analysis Dosage Calculations Practice Problems

**Joyce L. Mulholland, Joyce M.  
Mulholland, Susan Turner**



## **Dimensional Analysis Dosage Calculations Practice Problems:**

Dosage Calculations Made Easy Gloria Pearl Craig, 2024-01-19 Straightforward approachable and rich with practice opportunities Dosage Calculations Made Easy Solving Problems Using Dimensional Analysis 8th Edition trains students to confidently calculate accurate medication dosages and fosters the critical thinking capabilities essential to their clinical success From basic math functions and measurement systems to complex problem solving methods this up to date simple to use skill building guide provides a proven framework for understanding and makes it easier than ever to master effective dosage calculation and drug administration processes Clinical Calculations Made Easy Gloria P. Craig, 2015-08-25 Clinical Calculations Made Easy includes a review of basic math skills measurement systems and drug calculations preparations using dimensional analysis The sixth edition provides many opportunities for students to practice their skills Additional practice problems further strengthen the student's dosage calculations skills while new information related to vaccines has been added with tables for administering vaccines to adults and children In addition there are practice problems related to the tables to help students understand how to use these types of tables effectively **Math For Nurses** Mary Jo Boyer, 2019-09-16 Quickly Access Everything You Need to Calculate Dosages Effectively and Ensure Accurate Drug Delivery Current compact and easy to use Math for Nurses helps you perfect the basic math skills measurement systems and drug calculations preparations essential to successful nursing practice Packed with real clinical examples and practice problems this pocket sized reference guides you step by step through the problem solving and practical applications required in the nursing workplace A handy pull out quick reference card delivers fast access to basic equivalents conversion factors and math formulas Comprehensive dosage calculation coverage familiarizes you with ratio proportion formula and dimensional analysis methods of arriving at calculations Practice problems throughout the text and review questions at the end of each chapter and unit test your retention and application capabilities 300 additional Practice Problems and Answers available online through thePoint further enhance learning and retention Learning Objectives focus your study and review on essential concepts and practices Critical Thinking Checks help you analyze your results to dosage problems and ensure understanding of key content **Dosage Calculations Made Easy for Nursing Students** Stanley Lawrence Richardson, Are you a nursing student struggling with medication math and dreading your next dosage calculation exam Master dosage calculations the safe and easy way with this comprehensive workbook featuring 500 practice problems designed specifically for nursing students This step by step guide transforms complex calculations into simple manageable processes that build your confidence from basic math review through advanced clinical scenarios Inside this essential nursing companion you'll discover Three proven calculation methods dimensional analysis ratio proportion and formula method straight nursing student explained in clear anxiety reducing language 500 practice problems with complete solutions and detailed explanations for every step Progressive difficulty levels starting with basic conversions and advancing to complex IV

drip rates and pediatric dosing Real clinical scenarios that prepare you for actual nursing practice not just exams NCLEX style questions aligned with current testing standards to boost your exam readiness Common medication errors and how to avoid them ensuring patient safety in your future practice Quick reference charts for conversions abbreviations and formulas you ll use daily Unlike other overwhelming textbooks this guide addresses math anxiety head on with encouraging explanations and multiple approaches to solve each problem type Each chapter builds systematically on previous concepts ensuring you never feel lost or overwhelmed Perfect for Nursing students at all levels LPN ADN BSN MSN NCLEX RN and NCLEX PN exam preparation Practicing nurses seeking a comprehensive refresher Nursing educators looking for supplemental teaching resources Transform your calculation skills and walk into your exams with confidence Join thousands of nursing students who have conquered their math fears and mastered medication calculations using this proven approach

Clinical Calculations Joyce LeFever Kee,Sally M. Marshall,2000 This popular resource is still the only text to review all four major drug calculation methods basic formula ratio and proportion fractional equation and dimensional analysis Practice problems help readers master each method so they can apply them effectively in practice Completely updated throughout this fourth edition provides the latest information on dosage calculations as well as the most current drug dosages **The Nurse, The Math, The Meds - E-Book** Joyce L. Mulholland,Susan Turner,2014-10-01 Use the simplicity of the dimensional analysis method to minimize drug calculation errors The Nurse The Math The Meds 3rd Edition helps you overcome any math anxiety you may have by clearly explaining how to use the dimensional analysis method It shows how to analyze practice problems find the reasonable answer and then evaluate it But first it lets you refresh your math skills with a review of essential math Written by noted nursing educator Joyce Mulholland this book offers over 1 400 questions for plenty of practice in mastering math concepts and learning dosage calculations **Calculate with Confidence - E-Book** Deborah C. Gray Morris,2014-01-30 Calculate with Confidence provides a clear consistent format with a step by step approach to the calculation and administration of drug dosages It covers the ratio and proportion formula and dimensional analysis methods This popular text focuses on enhancing the learning experience of students at all curricular levels by making content clinically applicable Concepts relating to critical thinking logical thinking and nursing process are presented throughout New practice problems have been added throughout this edition and rationales for the answers continue to be provided giving the students a better understanding of principles related to drug dosages This fifth edition addresses the increasing responsibility of nurses in medication and administration emphasizes the priority for client care and presents material that reflects the current scope of the nursing practice A clear and consistent step by step approach to calculations and administration makes it easy to understand Ratio and Proportion Formula and Dimensional Analysis content provides you with well rounded coverage Pretest and post test help identify strengths and weaknesses in competency of basic math before and assess your comprehension after Unit One Math Review Points to Remember boxes highlighted in each chapter help you

remember important concepts Critical thinking information that should be applied in the clinical setting to help avoid drug calculation and administration errors is boxed throughout the text Full color illustrations photographs and drug labels familiarize you with what you ll encounter in the clinical setting Current recommendations from The Joint Commission and Institute for Safe Medication Practices are followed throughout Caution boxes identify issues that may lead to medication errors and strengthen actions that must be taken to avoid calculation errors Tips for Clinical Practice calls attention to information critical to math calculation and patient safety as well as issues related to practice Rule boxes familiarize students with information needed to accurately solve drug calculation problems

**Calculate with Confidence** Deborah C. Morris, 2026-01-16 Learn how to make accurate drug calculations and administer medications safely Calculate with Confidence 8th Edition makes it easy to understand the three major methods of dosage calculation ratio and proportion formula and dimensional analysis Clear step by step instructions guide you through accurate calculation and safe administration of drug dosages Thousands of practice problems ensure that you gain proficiency patient safety is prioritized and an emphasis on clinical judgment helps you prevent medication errors Next Generation NCLEX NGN Exam style case studies help you improve clinical judgment skills With this popular text from trusted educator Deborah C Morris you will learn to calculate drug dosages and administer medications with confidence and a high degree of patient safety More than 2 000 practice problems include a pre test and a comprehensive post test review Three part approach to evaluating basic math skills includes a pre test comprehensive unit and review tests Medication Administration chapter covers medication safety a discussion of client rights the basic six rights of medication administration and routes of medication administration Chapter review problems with answer key test all major topics presented in the chapter and help you assess your understanding of chapter content Safety Alert boxes highlight issues that may lead to medication errors and empower you to identify actions that must be taken to avoid calculation errors Tips for Clinical Practice boxes call attention to information critical to math calculation and patient safety and equip you with the tools needed to follow best practices in patient care Rule boxes present important instructions essential to math calculations and familiarize you with information needed to accurately solve drug calculation problems Clinical Reasoning Scenarios discuss safety issues related to medication administration Points to Remember feature provides bulleted key points from the chapter NEW Intravitreal route is now included in the discussion of routes of medication administration Expanded medication error information includes near miss errors Updated content features newer drugs and the most up to date labels for all medications Expanded discussion of oral medications features improved format with charts for easier reading Expanded discussion on types of insulin includes a discussion of insulin to carbohydrate ratio and updates on the types of syringes available including the U 50 dual syringe Updated Heparin chapter covers target specific anticoagulants This title is also available in Sherpath Sold separately this innovative teaching and learning technology offers interactive course content and resources that streamline class preparation and assessment and

give students personalized help to reach their learning goals Sherpath fully includes the ebook of this title for all in one digital course delivery

**Calculate with Confidence** Deborah C. Gray Morris, 2013-09-24 This popular text covers the ratio and proportion formula and dimensional analysis methods offering a step by step approach to the calculation and administration of drug dosages With over 2 000 practice problems Gray Morris focuses on enhancing the learning experience of nursing students at all curricular levels by making content clinically applicable Calculate with Confidence 6th Edition addresses the increasing responsibility of the nurse in medication administration prioritizes client safety and reflects the current scope of practice Tips for Clinical Practice boxes call attention to information critical to math calculation and patient safety Safety Alert boxes highlight issues that may lead to medication errors and empower you to identify actions that must be taken to avoid calculation errors Chapter review problems test all major topics presented in the chapter Separate basic math review test allows you to assess and evaluate your understanding of basic math material covered in Unit 1 directing you to review chapters if you miss any of these test questions Pre test basic math review tests help you assess your basic math skills and identify areas of strength and weakness in competency of basic math Comprehensive unit on basic math review offers complete coverage of basic math roman numerals fractions decimals ratio and proportion and percentages NEW Integration of QSEN information related to patient safety in the Medication Administration chapter and throughout text NEW NCLEX style questions on Evolve help prepare you for the NCLEX RN Examination NEW Content additions and updates includes word problems involving dosages Critical Thinking Scenarios a discussion of the concepts regarding safety issues with medication administration plus significant updates in the insulin critical care and IV chapters NEW Reorganization of Answer Key features answers and the work to practice problems at the end of each chapter rather than in the back of the book

**Math for Nurses** Mary Jo Boyer, 2009 Now in its Seventh Edition this pocket guide is a compact portable easy to use reference for dosage calculation and drug administration The author uses a step by step approach with frequent examples to illustrate problem solving and practical applications Coverage includes review of mathematics measurement systems and a comprehensive section on dosage calculations Practice problems throughout the text and end of chapter and end of unit review questions will aid students application and recall of material A handy pull out card contains basic equivalents conversion factors and math formulas

**The Nurse, the Math, the Meds Pageburst Access Code** Joyce L. Mulholland, Joyce M. Mulholland, Susan Turner, 2011-02-14 This is a Pageburst digital textbook the product description may vary from the print textbook Use the simplicity of the dimensional analysis method to minimize drug calculation errors The Nurse The Math The Meds 2nd Edition helps you overcome any math anxiety you may have by clearly explaining how to use the dimensional analysis method It shows how to analyze practice problems find the reasonable answer and then evaluate it But first it lets you refresh your math skills with a review of essential math Written by noted nursing educator Joyce Mulholland this book offers over 1 400 questions for plenty of practice in mastering math concepts and learning dosage

calculations A comprehensive math review at the beginning of the book includes a self assessment test to help you identify areas of strength and weakness A consistent chapter format includes objectives essential prior knowledge equipment needed estimated time to complete the chapter key vocabulary and more Rapid Practice exercises follow each new topic with multiple practice problems so you can apply concepts immediately A full color design includes a special margin section so you can work out practice problems on the spot Mnemonics make memorization easier and save time in learning Test tips enhance your comprehension and improve test taking skills and comfort level Red arrow alerts call attention to critical math concepts and patient safety theory Clinical Relevance boxes help you apply medication related concepts to practice Unique FAQ and Answers are derived from students actual classroom questions and are especially useful if you are studying outside of a classroom environment Unique Ask Yourself questions help in synthesizing information and reinforcing understanding Unique Communication boxes include sample nurse patient and nurse prescriber dialogues that illustrate clinical application of medication administration Cultural boxes describe selected math notation and medication related cultural practices TJC and ISMP recommendations for abbreviations acronyms and symbols are used to reduce medication errors increase patient safety and ensure compliance with agency regulations Online and print references provide opportunities for further research and study Two chapter finals are included at the end of each chapter Two comprehensive finals evaluate your understanding one in NCLEX exam style multiple choice format and the other following a traditional written format Answer key in the back of the book provides step by step solutions to the Rapid Practice exercises chapter finals and comprehensive finals so you can pinpoint specific areas for further review A red flag icon calls attention to high risk medications Updated trends in safer medication administration help in reducing sentinel events and adverse drug events Practice problems are more clinically relevant and organized from simple to complex Additional clinical relevance communication and cultural boxes help prevent errors by offering a variety of examples from clinical practice Updated content includes More realistic fraction and decimal problems Expanded Total Parenteral Nutrition TPN section with a typical order common errors and current guidelines to reduce errors Updated coverage of pediatric medication

**Drug Calculations Online for Clinical Calculations** Susan Turner, Sally M. Marshall, Donna Eberly, Joyce Lefever Kee, 2008-03-25 No matter what your preferred learning style this engaging online course is designed to help you master all four main methods of drug calculation more quickly easily and efficiently than by studying on your own You ll develop accurate drug calculation skills through practice reinforcement and interactive learning Lesson modules correspond with each chapter of Kee s Clinical Calculations 6th Edition encouraging you to apply what you ve learned in the text with skill building practice problems activities animations narrated examples and even NEW interactive case studies Explanations of all four major methods of drug calculation ratio proportion formula fractional equation and dimensional analysis help you discover which method you re most comfortable using Each module correlates with a chapter from the text including an overview learning outcomes a lesson introduction a reading assignment

example problems practice problems and quizzes Extensive math instruction helps you master the basic skills needed to accurately calculate drug dosages Narrated step by step tutorials clearly explain how to solve many of the practice problems using your preferred calculation method Animations bring topics to life illustrating specific concepts related to drug calculation and administration Interactive self assessment activities such as matching sequencing labeling and multiple select help you evaluate and apply your knowledge in context Quizzes check your understanding of all major topics covered in each module Interactive case studies in most chapter modules incorporate patient scenarios to help prepare you for real world practice The most current guidelines for safe medication practice from The Joint Commission and the Institute for Safe Medication Practice are included throughout Updated drug labels and equipment photos familiarize you with the clinical environment Coverage of the latest drug administration techniques and devices brings you up to date on clinical practice featuring explanations of oral intravenous intra muscular subcutaneous and other routes used in drug administration An audio glossary defines relevant terminology and lets you hear how to correctly pronounce terms

*Calculation of Drug Dosages - E-Book* Sheila J. Ogden,Linda Fluharty,2015-01-29 Known for its textbook workbook format Calculation of Drug Dosages 10th Edition makes it easy to master the ratio and proportion formula and dimensional analysis methods for drug calculation A basic review of mathematics refreshes your math skills and plenty of practice problems help you overcome any inexperience or weaknesses you may have Written by nursing experts Sheila Ogden and Linda Fluharty this resource helps you calculate drug dosages accurately and with confidence An extensive math review covers the basic math skills essential for accurate calculation of drug dosages and helps you identify your strengths and weaknesses Over 1 800 practice problems reinforce your understanding of drug calculations A logical structure is organized from simple to complex making it easier to absorb and retain knowledge Learning objectives keep you focused and explain what you should accomplish upon completion of each chapter An Alert box highlights information crucial to math calculation and patient safety Chapter worksheets allow you to practice solving realistic problems Post tests at the end of each chapter let you assess your understanding of content A comprehensive post test at the end of the book offers additional practice and accurately gauges your overall understanding Over 600 practice problems on the Evolve companion website cover ratio proportion formula and dimensional analysis methods 25 flash cards on Evolve contain abbreviations formulas and conversions from the book allowing you to study at your own pace UPDATED drug labels and equipment photos show the latest drugs and technology used in the market NEW Additional Intake and Output problems are included and the apothecary method is minimized and moved to the appendix NEW Easy access answer key is placed at the end of each chapter rather than in the back of the book

**Medical Dosage Calculations** June Looby Olsen,Anthony Patrick Giangrosso,Dolores M. Shrimpton,2011-01-01 Fully revised for current practices and medication this MEDICAL DOSAGE CALCULATIONS A DIMENSIONAL ANALYSIS APPROACH 10 e remains the field s most complete user friendly and accessible drug calculation text and workbook Using the dimensional analysis



format it pioneered students begin with simple arithmetic progressing to the most complex drug calculations As they develop mathematical skills for accurate dosage calculations they also gain a thorough professional understanding of safe drug administration Compared with competitors our text contains deeper more realistic problems incorporating actual dosages and requiring real critical thinking Coverage includes titrations IV push VCC and other complex calculations Updates include revised safety recommendations and insulin coverage new equipment and labeling photos and 0.5 mL and needleless syringes Pedagogical aids include case studies self tests and a website for student resources

### **Calculate with Confidence**

**- E-Book** Deborah C. Morris, 2017-08-18 NEW Content additions and updates includes word problems involving dosages

Critical Thinking Scenarios a discussion of the concepts regarding safety issues with medication administration and calculation plus significant updates in the insulin critical care parenteral medication and heparin chapters NEW A Z medication index references page numbers where the drug labels can be found NEW Medication labels recently added to the market highlights new and updated information relevant to practice

### **Calculate with Confidence - Binder Ready**

Deborah C. Morris, 2021-12-14 Learn how to make accurate drug calculations and administer medications safely Calculate with Confidence 8th Edition makes it easy to understand the three major methods of dosage calculation ratio and proportion formula method and dimensional analysis Clear step by step instructions guide you through accurate calculation and safe administration of drug dosages Thousands of practice problems ensure that you gain proficiency QSEN principles prioritize client safety and an emphasis on clinical reasoning helps you prevent medication errors New Next Generation NCLEX NGN case studies help in improving clinical judgment skills With this popular text from educator Deborah C Morris you will learn to calculate drug dosages and administer medications with confidence Thousands of practice problems ensure that you gain proficiency with drug calculations Safety Alert boxes help you prevent medication errors and avoid errors in dosage calculation Tips for Clinical Practice boxes call out information critical to math calculation and patient safety and summarize best practices in client care a Clinical Judgment feature for the Next Generation NCLEX or NGN Rule boxes present instructions essential to math calculations and provide the information needed to accurately solve drug calculation problems Clinical Reasoning Scenarios discuss the safe administration of medications also a Clinical Judgment feature for the NGN and help you apply your knowledge to patient care Comprehensive Post Test assesses your retention of the big picture concepts with answers located in the back of the book Review of basic math pre tests and post tests allow you to evaluate your understanding of the material Medication Administration chapter covers medication safety a discussion on client rights the basic six rights of medication administration and routes of medication administration Chapter review problems test your comprehension of all major topics with the answers at the end of the chapter Points to Remember list bulleted key points from the chapter NEW Five single episode Next Generation NCLEX NGN case studies are added to the book NEW QSEN content is now included In Unit One Math Review NEW Updated medication labels are included NEW Discussion of herbal

meds is included in the Medication Administration chapter NEW Latest research and information is included in the Insulin Critical Care Calculations and Pediatric and Adult Dosage Calculation Based on Weight chapters NEW Updated information on the administration of fluids is added NEW Updated information and examples of complex I O problems are added to the Intake and Output section of the text and it also includes more examples of complex I O problems NEW Updated Medication Index includes the latest drug information and removes drugs that are off the market or are not widely used Calculation of Drug Dosages Sheila J. Ogden,Linda K. Fluharty,2011-03-01 Master the critical skills necessary to competently and confidently calculate drug dosages using Calculation of Drug Dosages Written by Sheila J Ogden MSN RN and Linda Fluharty RNC MSN this updated 9th Edition provides you with an extensive review of essential math concepts before introducing and clearly explaining the ratio and proportion formula and dimensional analysis methods of drug calculation The book s popular worktext format builds on concepts as you go and reinforces what you learn with over 1 800 practice problems Identify your strengths and weaknesses with an extensive math review covering the basic math skills essential for accurate calculation of drug dosages Use chapter worksheets to practice solving realistic problems Assess your understanding of chapter content using post tests at the end of each chapter Retain content more easily and build on your prior knowledge through a logical organization Get additional practice and accurately gauge your overall understanding with a comprehensive post test at the end of the book Stay focused with learning objectives that explain what you should accomplish upon completion of each chapter Know the latest drugs and technology used in the market with updated drug labels and equipment photos Study at your own pace with 25 flash cards now on Evolve containing abbreviations formulas and conversions from the book Check your work and see your mistakes with a detailed step by step answer key Tap into a new chapter on obstetric dosages that provides you with practice problems using medications unique to this important nursing subspecialty Use alert boxes that call attention to information crucial to math calculation and patient safety Stay current with new content on Intake and Output I O Reduce medication errors and increase patient safety via updated guidelines for The Joint Commission and Institute for Safe Medication Practice Recognize the implications of drug accuracy with more drug labels added to critical care practice problems Access Evolve online resources where you ll see 5 10 new practice problems related to each chapter and the new updated Drug Calculations Companion Version 4 featuring an interactive student tutorial that includes an extensive menu of various topic areas within drug calculations such as oral parenteral pediatric and intravenous calculations to name a few And over 600 practice problems cover ratio proportion formula and dimensional analysis methods **Study Guide for Pharmacology - E-Book** Linda E. McCuistion,Kathleen Vuljoin DiMaggio,Mary B. Winton,Jennifer J. Yeager,2022-05-13 Reinforce your understanding of nursing pharmacology and patient centered care Corresponding to the chapters in McCuistion s Pharmacology 11th Edition this study guide provides hundreds of practice problems and questions to help you review and remember pharmacology concepts It includes drug calculation problems along with review questions

and case studies using the nursing process To prepare you for the new Next Generation NCLEX NGN examination this edition adds NGN exam style case studies With this study guide you will apply your knowledge of pharmacology to clinical practice enhance your decision making abilities and develop clinical reasoning and critical thinking skills NCLEX review questions in each chapter include application level questions and Next Generation NCLEX examination style questions along with at least one alternate item question Detailed case studies enhance student understanding of nursing responsibilities in therapeutic pharmacology A Drug Calculations chapter provides students the opportunity to review their knowledge and practice their skills in drug dosage calculation Sample drug labels reflect the updated drug labels in McCuistion s Pharmacology 11th Edition textbook Focus on safety includes a special icon that calls attention to questions related to safe patient care Answers for all exercises are provided at the back of the book to make studying easier and include rationales for all application level questions and case study questions NEW Six cognitive skills of the Clinical Judgment Model are integrated into the practice questions and case studies NEW Next Generation NCLEX NGN examination style case studies are included in most chapters and the remaining chapters include classic critical thinking case studies NEW Updated drug content matches the updates in McCuistion s Pharmacology 11th Edition textbook *Calculate with Confidence - E-Book* Deborah C. Morris,2013-10-01 Caution boxes identify issues that may lead to medication errors and strengthen actions that must be taken to avoid calculation errors Tips for Clinical Practice calls attention to information critical to math calculation and patient safety as well as issues related to practice Rule boxes familiarize students with information needed to accurately solve drug calculation problems Calculation of Drug Dosages Sheila J. Ogden,2003 This popular dosage calculation work text helps students master the critical skills necessary to competently and confidently calculate drug dosages Innovative and practical it includes information on the ratio and proportion formula and dimensional analysis methods of drug calculation and numerous practice problems to accompany these methods Ideal for students who need an extensive math review in addition to drug calculations content this new edition features a more logical organization a new chapter addressing medication administration to critically ill patients and more practice problems on calculations for pediatric patients

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