

NURSING MATH MADE EASY

Med Math Made Easy

Standard Conversion Factors

1 mg = 1,000 mcg
1g = 1000 mg
1kg = 1000g
1oz = 30ml
1L = 1000 ml
1kg = 2.2 lb

1 tsp = 5ml
1 tbsp = 3 tsp (15ml)
1kg = 2.2 lb
1 cup = 8 fl oz = 240 ml

Converting lbs to kg

Clients weight = 44lb
Conversion rate is 2.2lb = 1kg
 $\frac{\text{clients weight in lbs}}{\text{divided by 2.2}} = \text{kg}$
 $\frac{44 \text{ lbs}}{2.2} = 20 \text{ kg}$
Clients weight divided by 2.2 =

Converting kg to lbs.

Clients weight = 20kg
Conversion rate is 2.2lb = 1kg
clients weight in kg x 2.2
20 kg x 2.2 = 44lbs
Clients weight times 2.2 = 44lb

Rounding

Round up if the number to the right is 5 or higher

4.5 = 5
0.737 = 0.74

Round down if the number to the right is 4 or less

4.4 = 4
0.732 = 0.73

* Always look at what the problem is asking you to round to!

Ex: round to the nearest whole number

7.369 = 7

Round to the nearest 10th

7.369 = 7.4

Round to the nearest 100th

7.369 = 7.37

Solid doses (Tablets)

1. Find the desired dose
2. What dose the medication come in
3. Convert if needed (mcg to mg to g)
4. Use equation and solve for x

Available: 100mg tablets

Needed: 0.2 g PO q 8 hr

Question: how many tablets does the nurse give per dose.

Grams to mg 0.2g x 1000 = 200mg (need dose)

$$\frac{\text{have}}{\text{quantity}} = \frac{\text{desired}}{X} \quad \frac{100\text{mg}}{1 \text{ tablet}} = \frac{200\text{mg}}{X} \quad X = 2 \text{ Tabs}$$

Clinical Nursing Practice Math Study Guide

Linda Anne Silvestri



Clinical Nursing Practice Math Study Guide:

Illustrated Study Guide for the NCLEX-RN® Exam - E-Book JoAnn Zerwekh, 2015-12-16 Prepare for the NCLEX with this fun full color review Illustrated Study Guide for the NCLEX RN Exam 9th Edition uses colorful drawings and mnemonic cartoons to cover the nursing concepts and content found on the NCLEX RN examination A concise outline format makes studying easier and the Evolve companion website includes 2 500 NCLEX exam style review questions including alternate item formats allowing you to create practice exams identify your strengths and weaknesses and review answers and rationales Written by NCLEX expert JoAnn Zerwekh this study guide offers a clear visual way to remember key facts for the NCLEX exam UNIQUE Mnemonic cartoons provide a fun easy way to review and remember key nursing concepts and disease processes UNIQUE The integrated systems approach incorporates pediatric adult maternity and older adult lifespan considerations in each body system chapter Practice questions on the Evolve companion website are available in both study and quiz modes and separated by content area allowing you to customize your review based on your personal study needs UNIQUE Appendixes for each chapter summarize medications and nursing procedures for quick reference Alternate item format questions on Evolve prepare you for the interactive question types on the NCLEX examination including priority drag and drop and hot spot illustrated point and click questions Answers and rationales for all review questions show why correct answers are right and incorrect options are wrong Separate chapters on pharmacology and nursing management help you to focus on these areas of emphasis on the NCLEX examination Nursing Priority boxes make it easier to distinguish priorities of nursing care Pharmacology tables make key drug information easy to find with high alert medications noted by a special icon Special icons distinguish pediatric and adult disorders and identify content on Self Care and Home Care UPDATED content reflects the most recent NCLEX RN test plan and incorporates important clinical updates NEW 2 500 review questions are now included on the Evolve companion website adding more 200 questions to the total on the previous edition NEW Addition of SI Units and removal of trade name drugs reflects changes in the NCLEX RN test plan NEW Additional alternate item questions are included on Evolve and new questions incorporating video are also added NEW Test Alert boxes in the book highlight key concepts frequently found on the NCLEX examination NEW Additional memory notecard type illustrations are included in the book to accommodate visual learners

Illustrated Study Guide for the NCLEX-RN® Exam8 JoAnn Zerwekh, 2012-11-13 It s a fun visual review for the NCLEX Illustrated Study Guide for the NCLEX RN Exam 8th Edition covers all the nursing concepts and content found on the latest NCLEX RN examination A concise outline format makes studying easier and 2 300 NCLEX exam style review questions including alternate item formats are included to test your knowledge at the end of each chapter and on the Evolve companion website Written by NCLEX expert JoAnn Zerwekh this study guide uses colorful illustrations and mnemonic cartoons to help you remember key concepts for the NCLEX RN exam UNIQUE Mnemonic cartoons provide a fun easy way to review and remember key nursing concepts and disease processes

UNIQUE The integrated systems approach incorporates pediatric adult and older adult lifespan considerations in each body system chapter UNIQUE Appendixes for each chapter summarize medications and nursing procedures for quick reference Electronic alternate item format questions on Evolve prepare you for the interactive question types on the computerized NCLEX examination including priority drag and drop and hot spot illustrated point and click questions Practice questions on the Evolve companion website are available in both study and quiz modes and separated by content area allowing you to create a customized review experience based on your personal study needs Answers and rationales for all review questions show why correct answers are right and incorrect options are wrong NEW 2 300 review questions are now included on the Evolve companion website Two NEW alternate item question types are added graphic options and questions incorporating audio UPDATED content reflects the latest NCLEX RN test plan and incorporated important clinical updates NEW Page references to an Elsevier textbook are provided with each question for further study and self remediation NEW Disorder names are highlighted in color in the index for quick reference EXPANDED coverage of management of care reflects the increased percentage of this content on the NCLEX RN test plan

Maternal-Child Nursing Care Optimizing Outcomes for Mothers, Children, & Families Susan Ward, Shelton Hisley, 2015-06-03 It offers the perfect balance of maternal and child nursing care with the right depth and breadth of coverage for students in today's maternity pediatric courses A unique emphasis on optimizing outcomes evidence based practice and research supports the goal of caring for women families and children not only in traditional hospital settings but also wherever they live work study or play Clear concise and easy to follow the content is organized around four major themes holistic care critical thinking validating practice and tools for care that help students to learn and apply the material

Nursing Math Guide (Speedy Study Guide) Speedy Publishing, 2014-12-07 Preparing for any exam is much easier when all the necessary materials are neat and organized A nursing math study guide has a good bit of the information needed all in one spot These study guides are written to include the most important information in the most relevant order Students do not have to go searching through textbooks and piles of unorganized notes and won't possibly lose their train of thought with the appropriate study guide at their finger tips

Saunders Comprehensive Review for the NCLEX-RN Examination Linda Anne Silvestri, 2011 Accompanying CD ROM includes more than 4500 NCLEX examination style review questions in quiz study or exam mode a diagnostic pre test audio and video questions and audio review summaries

Clinical Drug Therapy Anne Collins Abrams, 1995 This popular core nursing pharmacology textbook provides unique coverage of nursing interventions for drug therapy with related rationales Highly praised for its organized and readable presentation the text explains the why behind each nursing action and emphasizes how drugs work differently in different patients New to the Eighth Edition are case studies integrated into each chapter with case based questions that foster critical thinking New Research Briefs summarize current research and its nursing implications A new chapter covers drugs for obesity and all nutrition products have been consolidated into one

chapter New NCLEX style questions appear at the end of each drug chapter

Resources in Education ,1986

Comprehensive Perioperative Nursing Review Susan S. Fairchild,1993 Saunders Comprehensive Review for the NCLEX-RN® Examination - E-Book Linda Anne Silvestri,2010-10-12 This title includes additional digital media when purchased in print format For this digital book edition media content is not included *Subject Guide to Books in Print*

,1996 **The Journal of Practical Nursing** ,1988

Math For Nurses Mary Jo Boyer,2019-09-16 Quickly Access

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Study Guide to Accompany Pharmacology for Nursing Care Marshal Shlafer,Richard A. Lehne,2004 This study guide features high claiber learning activities that apply the renowned Dr Marshal Shlafer s rich experience in teaching pharmacology to a wide range of student learning styles Medical and Health Care Books and Serials in Print ,1997

Introductory Management and Leadership for Clinical Nurses Russell C. Swansburg,1993

Nursing Care ,1977

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