

Introduction to pharmaceutical calculations

Rees, Judith A, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20396949&lokasi=lokal>

Abstrak

"Errors in calculating drug dosages can cause significant harm to patients, particularly neonates, infants and children. Pharmacists are seen as a 'safety net' by fellow healthcare professionals. Therefore, it is essential that pharmacists fully understand pharmaceutical calculations. This book, written by pharmacy teachers, is an introduction to drug dosage and other pharmaceutical calculations. Each chapter contains learning objectives, numerous worked examples, as well as sample questions and answers. This revised and expanded edition includes a new chapter on accuracy of measurements, a new appendix on performing arithmetical routines, and updated worked examples." -- Publisher's website.

Contents

1. Rational Numbers
2. System of Units
3. Concentrations
4. Dilutions
5. Formulations
6. Calculation of Doses
7. Displacement Volumes and Values and Density
8. Calculations Involving Molecular Weights
9. Parenteral Solutions and Isotonicity
10. Accuracy of Measurement

Appendix 1. Metric prefixes

Appendix 2. Conversion factors

Appendix 3. Multiplication and division

Appendix 4. Atomic weights of the elements

Bibliography.