

# Mathematics for Veterinary Medical Technicians

Third Edition



# Mathematics for Veterinary Medical Technicians

A Text/Workbook with Applications

Third Edition

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# Contents

Introduction	vii
Acknowledgments	viii
<b>Unit I</b>	
Chapter 1 – Roman Numerals	3
Chapter 2 – Introduction to Fractions	9
Chapter 3 – Multiplication and Division of Fractions	19
Chapter 4 – Addition and Subtraction of Fractions	35
Chapter 5 – Addition and Subtraction of Decimal Fractions	55
Chapter 6 – Multiplication and Division of Decimal Fractions	65
Fraction Review	89
<b>Unit II</b>	
Chapter 7 – Percent	95
Chapter 8 – Ratio and Proportion	117
Chapter 9 – Measurement Systems	131
<b>Unit III</b>	
Chapter 10 – Dosage and Concentration Applications	163

**Unit IV**

Chapter 11 – Diluting Concentrations and Infusion Rates	197
Chapter 12 – Graphs and Graphing Techniques	215
Chapter 13 – Statistics	231

**Unit V**

Chapter 14 – Algebra	245
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<b>Selected Solutions</b>	267
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<b>Index</b>	285
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## Introduction

This text provides a one-semester course in the basics of mathematics needed for veterinary technicians and assistants. Reliance on calculators is discouraged for the first unit, since proficiency exams often exclude their use. The language in the text is designed to be readable and in terms of everyday usage rather than formal and strict mathematical terms.

In addition to basic arithmetic computation and techniques, there are sections devoted to application problems involving dosage, concentration and dilution of solutions. Conversion and computation techniques of the English and Metric systems of measurement are presented. An introduction to reading graphs is included as well as a chapter on statistical concepts. An optional chapter on basic algebra is provided.

The workbook style of the text allows students freedom to move at a pace that ensures mastery of the material as well as flexibility for covering topics in any desired order. It is also conducive to self study. Students should read the material, study the examples, and work all the exercises in a particular problem set before checking answers. The solutions to odd-numbered exercises are provided in the Answer Keys.

In many programs, this may be the only math course students are required to take. The material will be valuable and useful in other courses, in particular chemistry and clinical practices labs.

The intent and focus of this text is on practical mathematical techniques and concepts. It is NOT intended as a course on medications or the administration of medications. Any medicine references in the text are used to illustrate and practice arithmetic, and may not be the actual dosages or concentrations available or used.

It is our hope that you will find the material useful and pertinent. If you have comments or suggestions please contact me at:

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