TEXTBOOKS/E-TEXTS
- The two textbooks/e-texts contain 4000+ exercises and 600+ solved examples.
- Provide real-world, Canadian applications of mathematics for health sciences.
- Cover all the concepts found in a foundational math course, but with a motivation and focus rooted firmly in the health sciences.
- Authors have over 60 years of combined teaching experience in mathematics, of which over half of that experience is teaching math for health sciences.

SOLUTION MANUALS
- Provide students with detailed, step-by-step solutions to odd-numbered questions using various methods.
- Provide instructors with detailed solutions to all questions.

POWERPOINT PRESENTATIONS
- Help facilitate in-class learning or self-study through animated approaches and step-by-step solved examples.
- PowerPoint handouts available for student note-taking and participation.

INTERACTIVE LESSONS
- Engaging and interactive simulations built using Vretta’s proprietary Cloud Learning technologies.
- Follow Assessment for Learning principles, simplifying concepts for students to visualize, conceptualize, and enjoy mathematics.
- Remediate weaker learners and reinforce concepts for stronger learners.
- Tightly aligned to every topic in the textbook.
- Modular nature allows customization to match specific course outlines and schedules.

DYNAMIC ASSESSMENTS AND TEST BANK
- Contain rich, comprehensive problems that are algorithmically generated for unlimited practice.
- Provide students with dynamic feedback.
- Fully customizable by professors and course administrators.

MONITORING PROGRESS AND PERFORMANCE
- Intuitive dashboards and performance panels to monitor overall class or individual student progress and performance on lessons and labs.
- Customizable dashboards available to synchronize or export student grades to other platforms.
CONCEPTS COVERED

Mathematics for Health Sciences
- Whole Numbers
- Fractions and Decimals
- Operations with Exponents and Integers
- Basic Algebra
- Ratios, Proportions, Percents, and Percent Changes
- Units of Measurement
- Basic Geometry
- Graphs and Systems of Linear Equations
- Exponents and Logarithms
- Dosage Calculations and Medication Administration

Statistics for Health Sciences
- Introduction to Statistics
- Measures of Central Tendency
- Measures of Dispersion
- Linear Correlation and Regression
- Elementary Probability Theory
- Discrete Probability Distributions
- Continuous Probability Distributions
- Sampling Distributions and the Central Limit Theorem
- Estimation and Confidence Intervals
- Hypothesis Testing