This text builds concepts and skills in preparation for student success in subsequent college math courses. Course content includes basic solving equations & inequalities, graphing, solving systems of equations & inequalities, exponents, polynomials, factoring, rational expressions, roots, and rational exponents. With an OER text, aligned OER videos, complete slides, lecture notes, and complete online assessments, this title is a great low-cost alternative to traditional publisher materials.
7: Rational Expressions and Equations
   ◦ 8: Roots and Rational Exponents
   ◦ Back Matter

• Book: Introduction to College Mathematics (Lumen)

   ◦ Front Matter
   ◦ 2: Assessments
   ◦ 3: Module 1: Basic of Set
   ◦ 4: Module 2: Logic
   ◦ 5: Module 3: Numeration System
   ◦ 6: Module 4: Probability
   ◦ 7: Module 5: Modular Arithmetic
   ◦ 8: Module 6: Measurement
   ◦ Back Matter

• Book: Mathematics for the Liberal Arts (Lumen)

   ◦ Front Matter
   ◦ 2: Mathematics for the Liberal Arts
   ◦ 3: Faculty Resources
   ◦ 4: Module 1- General Problem Solving
   ◦ 5: Growth Models
6: Module 2- Geometry
   ◦ 7: Finance
   ◦ 8: Topic F- Using a Calculator
   ◦ 9: Describing Data
   ◦ 10: Sets
   ◦ 11: Statistics
   ◦ 12: Module 3- Set Theory
   ◦ 13: Module 4- Logic
   ◦ 14: Module 5- Numeration Systems
   ◦ 15: Module 6- Consumer Math
   ◦ 16: Topic G- Linear Equations – Algebra and Spreadsheets
   ◦ 17: Topic K- Finance
   ◦ 18: Topic L- Automated Fitting of Models, Comparative Goodness of Fit, and Outliers
   ◦ 19: Topic M- Power Functions and Using Logarithmic Graphs
   ◦ 20: Topic H- Linear Formulas – Word Problems
   ◦ 21: Topic I- Linear and Quadratic Models
   ◦ 22: Topic J- Exponential Models and Model Comparison Techniques
   ◦ 23: Topic C- Communicating Precision of Approximate Numbers
   ◦ 24: Topic E- Using a Spreadsheet
   ◦ 25: Topic O- Combining Modeling Formulas
   ◦ 26: Topic N- Additional Useful Modeling Formulas
   ◦ 27: Topic B- Solving Equations, Evaluating Expressions, and Checking Your Work
   ◦ 28: Topic D- Formulas—Computing and Graphing
   ◦ Back Matter