College Algebra and Trigonometry- Expressions, Equations, and Graphs

- Front Matter

- 1: Expressions

  - 1.1: Unit 1 - Chapter 1- Introduction to Expressions
  - 1.2: Unit 1 - Chapter 2- The Order of Operations
  - 1.3: Unit 1 - Chapter 3- Evaluating Expressions
  - 1.4: Unit 1 - Chapter 4- Polynomials

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1.5: Unit 1 - Chapter 5- Rational Expressions
   ◦ 1.6: Unit 1 - Chapter 6- Roots and Radicals
   ◦ 1.7: Unit 1 - Chapter 7- Exponential and Logarithmic Expressions

- **2: Equations with One Unknown**
  
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  ◦ 2.1: Unit 2 - Chapter 1- Introduction to Equations
  ◦ 2.2: Unit 2 - Chapter 2- Linear Equations
  ◦ 2.3: Unit 2 - Chapter 3- Quadratic Equations
  ◦ 2.4: Unit 2 - Chapter 4- Solve Radical Equations with Applications
  ◦ 2.5: Unit 2 - Chapter 5- Exponential and Logarithmic Expressions and Equations
  ◦ 2.6: Unit 2 - Chapter 6- Polynomial Equations with Applications
  ◦ 2.7: Unit 2 - Chapter 7- Solve Rational Equations
  ◦ 2.8: Unit 2 - Chapter 8- Solve Rational Inequalities (Optional)

- **3: Equations in Two Variables and Graphs**
  
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  ◦ 3.1: Introduction to Equations with Two Variables
  ◦ 3.2: Linear Expressions and Equations
  ◦ 3.3: Systems of Linear Equations
  ◦ 3.4: Linear Expressions and Equations
  ◦ 3.5: Quadratic Equations (Conics)
  ◦ 3.6: Solving Systems of Nonlinear Equations and Applications
  ◦ 3.7: Conics
  ◦ 3.8: Quadratic Equations

- **4: Trigonometry**
  
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  ◦ 4.1: Introduction to Trigonometry
  ◦ 4.2: Trigonometric Expressions
  ◦ 4.3: Equations with One Variable
  ◦ 4.4: Equations with Two Variables
  ◦ 4.5: Further Applications of Trigonometry (delete--but may have problems of interest)
  ◦ 4.6: Book- Elementary Trigonometry (Beveridge)
- Back Matter

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- Glossary
- Detailed Licensing