Sokowksi and Cole's Algebra and Trigonometry with Analytic Geometry
Calculator's Cross Reference Guide

(These chapters refer to Algebra and Trigonometry with Analytic Geometry.)

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**Chapter 1 - Fundamental Concepts of Algebra**

- **Real Numbers**
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  - Properties of Real Numbers
  - Using Distributive Properties
  - Properties of Equality
  - Negative Numbers and Negatives of Numbers
  - Representing Real Numbers on a Number Line
  - The Absolute Value Notation

- **Exponents and Radicals**
  - Positive Integer Exponents
  - Zero and Negative Exponents
  - Laws of Exponents
  - The Principal $n$th Root of a Real Number $a$
  - Laws of Radicals
  - Removing $n$th Powers from Radicals
  - Rationalizing Denominators
  - Rational Exponents

- **Algebraic Expressions**
  - Adding and Subtracting Polynomials
  - Multiplying Polynomials
  - Factoring
  - Factoring Formulas
  - Factoring Trinomials by Trial and Error
  - Factoring Trinomials by Grouping

- **Fractional Expressions**
  - Simplifying Rational Expressions

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**Chapter 2 - Equations and Inequalities**

- **Other Types of Equations**
  - Solving an Equation Containing Absolute Value

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**Chapter 3 - Functions and Graphs**

- **Lines**
  - Slope of a Line
  - Horizontal and Vertical Lines
  - Finding the Equation of a Vertical Line
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  - Slope-Intercept Form for the Equation of a Line
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  - Theorem on Slopes of Perpendicular Lines
  - Straight Line Appreciation
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- **Definition of Function**
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