

PRE-CALCULUS 11 OUTLINE

Textbook: Pre-Calculus 11 (McGraw-Hill Ryerson)

Chapter 3: QUADRATIC FUNCTIONS

- a) Graphing Quadratic Functions
- b) Completing the Square

Chapter 4: QUADRATIC EQUATIONS

- a) Solving Quadratic Equations by Factoring
- b) The Quadratic Formula

Chapter 2: TRIGONOMETRY

- a) Trigonometric Ratios of Angles
- b) The Sine and Cosine Laws

Supplement: POWERS AND RADICALS

- a) Operations with Powers
- b) Simplifying Radicals

Chapter 5: RADICAL EXPRESSIONS AND EQUATIONS

- a) Operations with Radical Expressions
- b) Solving Radical Equations

Chapter 6: RATIONAL EXPRESSIONS AND EQUATIONS

- a) Operations with Rational Expressions
- b) Solving Rational Equations

Chapter 7: ABSOLUTE VALUE AND RECIPROCAL FUNCTIONS

- a) Absolute Value Functions and Equations
- b) Reciprocal Functions

Chapter 9: LINEAR AND QUADRATIC INEQUALITIES

- a) Linear Inequalities in Two Variables
- b) Quadratic Inequalities in One and Two Variables

Supplement: FINANCIAL LITERACY

- a) Compound Interest
- b) Investments and Loans

Term and Final Marks

Marks are cumulative. The Term 1 report card will show student progress until the end of Term 1. The Term 2 report card will show student progress from September until the end of Term 2. The Term 3 and Final School Mark will show the student's level of mastery throughout the entire course. Please note that the Final School Mark is not the average of the three term marks.