

Unit 1 – Sequences & Series

- 1.0 Review: Algebra, Equation Solving, & Systems of Equations [supp]
- 1.1 Arithmetic Sequences [1.1]
- 1.2 Arithmetic Series [1.2]
- 1.3 Geometric Sequences [1.3]
- 1.4 Geometric Series [1.4]
- 1.5 Infinite Geometric Series [1.5]

Unit 2 – Quadratic Functions

- 2.1 Quadratic Functions in Vertex Form I [3.1]
- 2.2 Quadratic Functions in Vertex Form II [3.1]
- 2.3 Quadratic Functions in Standard Form [3.2]
- 2.4 Completing The Square [3.3]

Unit 3 – Quadratic Equations

- 3.0 Factoring Review [supp]
- 3.1 Graphical Solution of Quadratic Equations [4.1]
- 3.2 Factoring Quadratic Equations [4.2]
 - Simplifying Square Roots
- 3.3 Solving Quadratic Equations by Completing the Square [4.3]
- 3.4 The Quadratic Formula [4.4]

Unit 4 – Radical Expressions & Equations

- 4.0 Exponent Law Review [supp]
- 4.1 Rational Exponents & The Real Number System [supp]
- 4.2 Working with Radicals [5.1]
- 4.3 Adding & Subtracting Radical Expressions [5.1]
- 4.4 Multiplying Radical Expressions [5.2]
- 4.5 Dividing & Rationalizing Radical Expressions [5.2]
- 4.6 Radical Equations (**single radicals**) [5.3]

Unit 5 – Non-Right Triangle Trigonometry

- 5.1 Right Angle Trig Review [supp]
- 5.2 Sine Law [2.3]
- 5.3 Sine Law – Ambiguous Case [2.3]
- 5.4 Cosine Law [2.4]
- 5.5 Solving Non-Right Triangles[supp]

Unit 6 – Standard Position Trigonometry

- 6.1 Angles in Standard Position [2.1 & supp]
- 6.2 Trig Ratios of Any Angle [2.2 & supp]
- 6.3 Special Triangles & Exact Values [2.2 & supp]
- 6.4 Solving Trig Equations I [2.2 & supp]
- 6.5 Solving Trig Equations II [2.2 & supp]

Unit 7 – Rational Expressions & Equations

- 8.1 Rational Expressions[6.1]
- 8.2 Multiplying & Dividing Rational Expressions [6.2]
- 8.3 Adding & Subtracting Rational Expressions [6.3]
- 8.4 Solving Rational Equations [6.4]

Unit 8 – Systems of Equations/Linear & Quadratic Inequalities

- 8.1 Solving Systems of Equations Graphically & Algebraically [8.1/8.2]
- 8.2 Linear Inequalities in One Variable [Review – supp]
- 8.3 Quadratic Inequalities in One Variable [9.2]
- 8.4 Linear & Quadratic Inequalities in Two Variables [9.1/9.3]