

General Algebra II Table of Contents

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(Leading Coefficient Equal to 1)

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Quiz #2

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Quiz #3

Unit 8 Review

Unit 8 Test

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Unit 9 :

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Given a Second Degree Function: $f(x) = ax^2 + bx + c$

Given x, Find $f(x)$.

Given $f(x)$, Find x.

Finding and Applying the Vertex

Graphing

Quiz #1

**Lesson 2: Class Worksheet #2 (For worksheets #5 through #8)
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Writing Second Degree Functions: $f(x) = ax^2 + bx + c$

Quiz #2

Unit 9 Review

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Unit 10 :

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a_n Notation

Explicit and Recursive Formulas

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Arithmetic Sequences

Explicit and Recursive Formulas

Geometric Sequences

Explicit and Recursive Formulas

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Applying Arithmetic Sequences

Applying Geometric Sequences

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Lesson 4: (For worksheet #5)

Introduce Series

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Evaluating Numerical Expressions

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Evaluating Numerical Expressions

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Evaluating Numerical Expressions

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Quiz #1

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Applying Exponential Functions

The Real Number e

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Converting Exponential Equations to Logarithmic Equations

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Applying the Properties of Logarithms

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Introduce Natural Logarithm

Quiz #1

Lesson 4: (For worksheets #6 through #8)

Solving Exponential Equations with One Variable

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Using Logarithms

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Applying Exponential Equations with One Variable

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Unit 12 Test

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Unit 13 :

Exploration 1: Proving The Pythagorean Theorem

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Solving Right Triangles

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Using the Sine, Cosine, and Tangent Ratios

Quiz #1

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Applications Involving Solving Right Triangles

Quiz #2

Unit 13 Review

Unit 13 Test