

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

**Differentiated Algebra II Lesson 01 - Linear Equations**

Math 11 Differentiated Algebra II Lesson 01 - Linear Equations

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
C. Translate information from one representation (words, table, graph or equation) to another representation of a relation or function. (08-10)
02. Generalize patterns using functions or relationships (linear, quadratic and exponential), and freely translate among tabular, graphical and symbolic representations. (09)
E. Analyze and compare functions and their graphs using attributes, such as rates of change, intercepts and zeros. (08-10)
05. Describe and compare characteristics of the following families of functions: linear, quadratic and exponential functions; e.g., general shape, number of roots, domain, range, rate of change, maximum or minimum. (09)
F. Solve and graph linear equations and inequalities. (08-10)
06. Write and use equivalent forms of equations and inequalities in problem situations; e.g., changing a linear equation to the slope-intercept form. (09)
08. Find linear equations that represent lines that pass through a given set of ordered pairs, and find linear equations that represent lines parallel or perpendicular to a given line through a specific point. (09)
S05. Data Analysis and Probability
A. Create and analyze tabular and graphical displays of data using appropriate tools, including spreadsheets and graphing calculators. (11-12)
08. Analyze and interpret univariate and bivariate data to identify patterns, note trends, draw conclusions, and make predictions. (11)

**Differentiated Algebra II Lesson 02 - Equations in Two Variables; Parallel and Perpendicular Lines**

Math 11 Differentiated Algebra II Lesson 02 - Equations in Two Variables; Parallel and Perpendicular Lines

<b>Standard Benchmark and Indicator</b>
S01. Number, Number Sense and Operations
B. Develop an understanding of properties of and representations for addition and multiplication of vectors and matrices. (11-12)
05. Model, using the coordinate plane, vector addition and scalar multiplication. (11)
S04. Patterns, Functions and Algebra
J. Describe and interpret rates of change from graphical and numerical data. (08-10)
09. Recognize and explain that the slopes of parallel lines are equal and the slopes of perpendicular lines are negative reciprocals. (10)

**Differentiated Algebra II Lesson 03 - Direct Variation; Solving Equations and Proportions**

Math 11 Differentiated Algebra II Lesson 03 - Direct Variation; Solving Equations and Proportions

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

Standard Benchmark and Indicator
S04. Patterns, Functions and Algebra
D. Use algebraic representations, such as tables, graphs, expressions, functions and inequalities, to model and solve problem situations. (08-10)
06. Solve equations and inequalities having rational expressions as coefficients and solutions. (10)
I. Model and solve problem situations involving direct and inverse variation. (08-10)
13. Model and solve problems involving direct and inverse variation using proportional reasoning. (09)

**Differentiated Algebra II Lesson 04 - Inequalities and Absolute Value Equations**

Math 11 Differentiated Algebra II Lesson 04 - Inequalities and Absolute Value Equations

Standard Benchmark and Indicator
S01. Number, Number Sense and Operations
C. Apply factorials and exponents, including fractional exponents, to solve practical problems. (11-12)
08. Use fractional and negative exponents as optional ways of representing and finding solutions for problem situations; e.g., 27 (11)
S04. Patterns, Functions and Algebra
B. Identify and classify functions as linear or nonlinear, and contrast their properties using tables, graphs or equations. (08-10)
01. Define function formally and with $f$ (10)
02. Describe and compare characteristics of the following families of functions: square root, cubic, absolute value and basic trigonometric functions; e.g., general shape, possible number of roots, domain and range. (10)
D. Use algebraic representations, such as tables, graphs, expressions, functions and inequalities, to model and solve problem situations. (08-10)
06. Solve equations and inequalities having rational expressions as coefficients and solutions. (10)

**Differentiated Algebra II Lesson 05 - Order of Operations and Properties of Exponents**

Math 11 Differentiated Algebra II Lesson 05 - Order of Operations and Properties of Exponents

Standard Benchmark and Indicator
S01. Number, Number Sense and Operations
C. Apply properties of operations and the real number system, and justify when they hold for a set of numbers. (08-10)
01. Identify and justify whether properties (closure, identity, inverse, commutative and associative) hold for a given set and operations; e.g., even integers and multiplication. (09)
C. Apply factorials and exponents, including fractional exponents, to solve practical problems. (11-12)

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

08. Use fractional and negative exponents as optional ways of representing and finding solutions for problem situations; e.g., $27 = 3^3$ (11)
G. Estimate, compute and solve problems involving real numbers, including ratio, proportion and percent, and explain solutions. (08-10)
04. Demonstrate fluency in computations using real numbers. (09)

### **Differentiated Algebra II Lesson 06 – Functions**

Math 11 Differentiated Algebra II Lesson 06 - Functions

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
B. Identify and classify functions as linear or nonlinear, and contrast their properties using tables, graphs or equations. (08-10)
01. Define function formally and with $f(x)$ (10)

### **Differentiated Algebra II Lesson 07 - Review of Lessons #5 and #6**

### **Differentiated Algebra II Lesson 08 - Systems of Equations**

Math 11 Differentiated Algebra II Lesson 08 - Systems of Equations

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
D. Apply algebraic methods to represent and generalize problem situations involving vectors and matrices. (11-12)
09. Solve 3 by 3 systems of linear equations by elimination and using technology, and interpret graphically what the solution means (a point, line, plane, or no solution). (11)
H. Solve systems of linear equations involving two variables graphically and symbolically. (08-10)
07. Solve systems of linear inequalities. (10)
09. Solve and interpret the meaning of 2 by 2 systems of linear equations graphically, by substitution and by elimination, with and without technology. (09)
11. Solve real-world problems that can be modeled, using systems of linear equations and inequalities. (10)

### **Differentiated Algebra II Lesson 09 - Linear Inequalities**

Math 11 Differentiated Algebra II Lesson 09 - Linear Inequalities

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
H. Solve systems of linear equations involving two variables graphically and symbolically. (08-10)
07. Solve systems of linear inequalities. (10)
11. Solve real-world problems that can be modeled, using systems of linear equations and inequalities. (10)

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

**Differentiated Algebra II Lesson 10 - Systems of Linear Inequalities**

Math 11 Differentiated Algebra II Lesson 10 - Systems of Linear Inequalities

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
D. Apply algebraic methods to represent and generalize problem situations involving vectors and matrices. (11-12)
09. Solve 3 by 3 systems of linear equations by elimination and using technology, and interpret graphically what the solution means (a point, line, plane, or no solution). (11)
H. Solve systems of linear equations involving two variables graphically and symbolically. (08-10)
07. Solve systems of linear inequalities. (10)
09. Solve and interpret the meaning of 2 by 2 systems of linear equations graphically, by substitution and by elimination, with and without technology. (09)
11. Solve real-world problems that can be modeled, using systems of linear equations and inequalities. (10)

**Differentiated Algebra II Lesson 11 - Applications of Matrices**

Math 11 Differentiated Algebra II Lesson 11 - Applications of Matrices

<b>Standard Benchmark and Indicator</b>
S01. Number, Number Sense and Operations
A. Demonstrate that vectors and matrices are systems having some of the same properties of the real number system. (11-12)
01. Determine what properties hold for matrix addition and matrix multiplication; e.g., use examples to show addition is commutative and when multiplication is not commutative. (11)
02. Determine what properties hold for vector addition and multiplication, and for scalar multiplication. (11)
B. Develop an understanding of properties of and representations for addition and multiplication of vectors and matrices. (11-12)
01. Determine what properties hold for matrix addition and matrix multiplication; e.g., use examples to show addition is commutative and when multiplication is not commutative. (11)
02. Determine what properties hold for vector addition and multiplication, and for scalar multiplication. (11)

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

D. Demonstrate fluency in operations with real numbers, vectors and matrices, using mental computation or paper and pencil calculations for simple cases and technology for more complicated cases. (11-12)
04. Use matrices to represent given information in a problem situation. (11)
06. Compute sums, differences and products of matrices using paper and pencil calculations for simple cases, and technology for more complicated cases. (11)
09. Use vector addition and scalar multiplication to solve problems. (11)
<b>S04. Patterns, Functions and Algebra</b>
D. Apply algebraic methods to represent and generalize problem situations involving vectors and matrices. (11-12)
07. Model and solve problems with matrices and vectors. (11)

**Differentiated Algebra II Lesson 12 - Solving Systems With Matrix Equations**

Math 11 Differentiated Algebra II Lesson 12 - Solving Systems With Matrix Equations

<b>Standard Benchmark and Indicator</b>
<b>S01. Number, Number Sense and Operations</b>
A. Demonstrate that vectors and matrices are systems having some of the same properties of the real number system. (11-12)
01. Determine what properties hold for matrix addition and matrix multiplication; e.g., use examples to show addition is commutative and when multiplication is not commutative. (11)
02. Determine what properties hold for vector addition and multiplication, and for scalar multiplication. (11)
B. Develop an understanding of properties of and representations for addition and multiplication of vectors and matrices. (11-12)
01. Determine what properties hold for matrix addition and matrix multiplication; e.g., use examples to show addition is commutative and when multiplication is not commutative. (11)
02. Determine what properties hold for vector addition and multiplication, and for scalar multiplication. (11)
D. Demonstrate fluency in operations with real numbers, vectors and matrices, using mental computation or paper and pencil calculations for simple cases and technology for more complicated cases. (11-12)
04. Use matrices to represent given information in a problem situation. (11)
06. Compute sums, differences and products of matrices using paper and pencil calculations for simple cases, and technology for more complicated cases. (11)
09. Use vector addition and scalar multiplication to solve problems. (11)
<b>S04. Patterns, Functions and Algebra</b>
D. Apply algebraic methods to represent and generalize problem situations involving vectors and matrices. (11-12)
07. Model and solve problems with matrices and vectors. (11)

**Differentiated Algebra II Lesson 13 - Quadratic Functions**

Math 11 Differentiated Algebra II Lesson 13 - Quadratic Functions

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

<b>Standard Benchmark and Indicator</b>
S02. Measurement
A. Explain differences among accuracy, precision and error, and describe how each of those can affect solutions in measurement situations. (11-12)
01. Determine the number of significant digits in a measurement. (11)
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)
04. Identify the maximum and minimum points of polynomial, rational and trigonometric functions graphically and with technology. (11)
D. Use algebraic representations, such as tables, graphs, expressions, functions and inequalities, to model and solve problem situations. (08-10)
11. Add, subtract, multiply and divide monomials and polynomials (division of polynomials by monomials only). (09)

**Differentiated Algebra II Lesson 14 - Quadratic Equations and the Zero Product Property**

Math 11 Differentiated Algebra II Lesson 14 - Quadratic Equations and the Zero Product Property

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
G. Solve quadratic equations with real roots by graphing, formula and factoring. (08-10)
10. Solve quadratic equations with real roots by factoring, graphing, using the quadratic formula and with technology. (09)

**Differentiated Algebra II Lesson 15 - Quadratic Equations**

Math 11 Differentiated Algebra II Lesson 15 - Quadratic Equations

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
B. Use the quadratic formula to solve quadratic equations that have complex roots. (11-12)
08. Solve equations involving radical expressions and complex roots. (11)

**Differentiated Algebra II Lesson 16 - Solving Quadratic Equations; Complex Numbers**

Math 11 Differentiated Algebra II Lesson 16 - Solving Quadratic Equations; Complex Numbers

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
B. Use the quadratic formula to solve quadratic equations that have complex roots. (11-12)
08. Solve equations involving radical expressions and complex roots. (11)
G. Solve quadratic equations with real roots by graphing, formula and factoring. (08-10)

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

10. Solve quadratic equations with real roots by factoring, graphing, using the quadratic formula and with technology. (09)
---

**Differentiated Algebra II Lesson 17 - Curve Fitting and Quadratic Inequalities**

Math 11 Differentiated Algebra II Lesson 17 - Curve Fitting and Quadratic Inequalities

<b>Standard Benchmark and Indicator</b>
S01. Number, Number Sense and Operations
E. Represent and compute with complex numbers. (11-12)
03. Represent complex numbers on the complex plane. (11)
07. Compute sums, differences, products and quotients of complex numbers. (11)

**Differentiated Algebra II Lesson 18 - Semester Exam**

**Differentiated Algebra II Lesson 19 - Quadratic Functions**

Math 11 Differentiated Algebra II Lesson 19 - Quadratic Functions

<b>Standard Benchmark and Indicator</b>
S01. Number, Number Sense and Operations
E. Represent and compute with complex numbers. (11-12)
03. Represent complex numbers on the complex plane. (11)
07. Compute sums, differences, products and quotients of complex numbers. (11)
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)
04. Identify the maximum and minimum points of polynomial, rational and trigonometric functions graphically and with technology. (11)
B. Use the quadratic formula to solve quadratic equations that have complex roots. (11-12)
08. Solve equations involving radical expressions and complex roots. (11)
D. Use algebraic representations, such as tables, graphs, expressions, functions and inequalities, to model and solve problem situations. (08-10)
11. Add, subtract, multiply and divide monomials and polynomials (division of polynomials by monomials only). (09)
F. Solve and graph linear equations and inequalities. (08-10)
10. Solve real-world problems that can be modeled using linear, quadratic, exponential or square root functions. (10)
G. Solve quadratic equations with real roots by graphing, formula and factoring. (08-10)
10. Solve quadratic equations with real roots by factoring, graphing, using the quadratic formula and with technology. (09)

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

**Differentiated Algebra II Lesson 20 - Exponential Growth and Decay**

Math 11 Differentiated Algebra II Lesson 20 - Exponential Growth and Decay

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
C. Use recursive functions to model and solve problems; e.g., home mortgages, annuities. (11-12)
01. Identify and describe problem situations involving an iterative process that can be represented as a recursive function; e.g., compound interest. (11)
F. Solve and graph linear equations and inequalities. (08-10)
10. Solve real-world problems that can be modeled using linear, quadratic, exponential or square root functions. (10)

**Differentiated Algebra II Lesson 21 – Logarithms**

Math 11 Differentiated Algebra II Lesson 21 - Logarithms

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
G. Solve quadratic equations with real roots by graphing, formula and factoring. (08-10)
10. Solve real-world problems that can be modeled using linear, quadratic, exponential or square root functions. (10)

**Differentiated Algebra II Lesson 22 - Natural Logarithms**

Math 11 Differentiated Algebra II Lesson 22 - Natural Logarithms

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)
11. Describe how a change in the value of a constant in an exponential, logarithmic or radical equation affects the graph of the equation. (11)
C. Use recursive functions to model and solve problems; e.g., home mortgages, annuities. (11-12)
02. Translate a recursive function into a closed form expression or formula for the $n$ th term to solve a problem situation involving an iterative process; e.g., find the value of an annuity after 7 years. (11)

**Differentiated Algebra II Lesson 23 – Polynomials**

Math 11 Differentiated Algebra II Lesson 23 - Polynomials

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

03. Describe and compare the characteristics of the following families of functions: quadratics with complex roots, polynomials of any degree, logarithms, and rational functions; e.g., general shape, number of roots, domain and range, asymptotic behavior. (11)
D. Use algebraic representations, such as tables, graphs, expressions, functions and inequalities, to model and solve problem situations. (08-10)
11. Add, subtract, multiply and divide monomials and polynomials (division of polynomials by monomials only). (09)

**Differentiated Algebra II Lesson 24 - Polynomials: Long Division, Synthetic Division**

Math 11 Differentiated Algebra II Lesson 24 - Polynomials: Long Division, Synthetic Division

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)
03. Describe and compare the characteristics of the following families of functions: quadratics with complex roots, polynomials of any degree, logarithms, and rational functions; e.g., general shape, number of roots, domain and range, asymptotic behavior. (11)

**Differentiated Algebra II Lesson 25 - Solving Polynomial Equations**

Math 11 Differentiated Algebra II Lesson 25 - Solving Polynomial Equations

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)
03. Describe and compare the characteristics of the following families of functions: quadratics with complex roots, polynomials of any degree, logarithms, and rational functions; e.g., general shape, number of roots, domain and range, asymptotic behavior. (11)

**Differentiated Algebra II Lesson 26 - Remainder and Factor Theorems**

Math 11 Differentiated Algebra II Lesson 26 - Remainder and Factor Theorems

<b>Standard Benchmark and Indicator</b>
---

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

asymptotes, and local and global behavior. (11-12)
03. Describe and compare the characteristics of the following families of functions: quadratics with complex roots, polynomials of any degree, logarithms, and rational functions; e.g., general shape, number of roots, domain and range, asymptotic behavior. (11)
D. Use algebraic representations, such as tables, graphs, expressions, functions and inequalities, to model and solve problem situations. (08-10)
11. Add, subtract, multiply and divide monomials and polynomials (division of polynomials by monomials only). (09)

**Differentiated Algebra II Lesson 27 - Rational Expressions, Equations, and Inequalities**

Math 11 Differentiated Algebra II Lesson 27 - Rational Expressions, Equations, and Inequalities

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
D. Use algebraic representations, such as tables, graphs, expressions, functions and inequalities, to model and solve problem situations. (08-10)
05. Solve simple linear and nonlinear equations and inequalities having square roots as coefficients and solutions. (10)
06. Solve equations and inequalities having rational expressions as coefficients and solutions. (10)

**Differentiated Algebra II Lesson 28 - Radical Expressions and Functions**

Math 11 Differentiated Algebra II Lesson 28 - Radical Expressions and Functions

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
D. Use algebraic representations, such as tables, graphs, expressions, functions and inequalities, to model and solve problem situations. (08-10)
05. Solve simple linear and nonlinear equations and inequalities having square roots as coefficients and solutions. (10)
06. Solve equations and inequalities having rational expressions as coefficients and solutions. (10)
F. Solve and graph linear equations and inequalities. (08-10)
10. Solve real-world problems that can be modeled using linear, quadratic, exponential or square root functions. (10)

**Differentiated Algebra II Lesson 29 - Distance Formula, Conic Sections, Parabolas**

Math 11 Differentiated Algebra II Lesson 29 - Distance Formula, Conic Sections, Parabolas

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)
10. Describe the characteristics of the graphs of conic sections. (11)

**Differentiated Algebra II Lesson 30 - Circles and Ellipses**

Math 11 Differentiated Algebra II Lesson 30 - Circles and Ellipses

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)
10. Describe the characteristics of the graphs of conic sections. (11)

**Differentiated Algebra II Lesson 31 - Hyperbolas and Solving Quadratic Systems**

Math 11 Differentiated Algebra II Lesson 31 - Hyperbolas and Solving Quadratic Systems

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)
10. Describe the characteristics of the graphs of conic sections. (11)

**Differentiated Algebra II Lesson 32 - Review of Conic Sections**

Math 11 Differentiated Algebra II Lesson 32 - Review of Conic Sections

<b>Standard Benchmark and Indicator</b>
S04. Patterns, Functions and Algebra
A. Analyze functions by investigating rates of change, intercepts, zeros, asymptotes, and local and global behavior. (11-12)
10. Describe the characteristics of the graphs of conic sections. (11)

**Differentiated Algebra II Lesson 33 - Probability: Fundamental Counting Principle, Permutations, Combinations**

Math 11 Differentiated Algebra II Lesson 33 - Probability: Fundamental Counting Principle, Permutations, Combinations

<b>Standard Benchmark and Indicator</b>
---

**Virtual Learning Academy**  
**Jefferson County Educational Service Center**  
**Academic Content Standards**  
**Algebra II Differentiated**

<b>S05. Data Analysis and Probability</b>
H. Use counting techniques, such as permutations and combinations, to determine the total number of options and possible outcomes. (08-10)
07. Use counting techniques and the Fundamental Counting principle to determine the total number of possible outcomes for mathematical situations. (09)
K. Make predictions based on theoretical probabilities and experimental results. (08-10)
08. Differentiate and explain the relationship between the probability of an event and the odds of an event, and compute one given the other. (10)

**Differentiated Algebra II Lesson 34 - Independent and Dependent Events**

Math 11 Differentiated Algebra II Lesson 34 - Independent and Dependent Events

<b>Standard Benchmark and Indicator</b>
<b>S05. Data Analysis and Probability</b>
D. Connect statistical techniques to applications in workplace and consumer situations. (11-12)
11. Examine statements and decisions involving risk; e.g., insurance rates and medical decisions. (11)
K. Make predictions based on theoretical probabilities and experimental results. (08-10)
10. Use theoretical and experimental probability, including simulations or random numbers, to estimate probabilities and to solve problems dealing with uncertainty; e.g., compound events, independent events, simple dependent events. (09)

**Differentiated Algebra II Lesson 35 - Right Triangle Trigonometry**

Math 11 Differentiated Algebra II Lesson 35 - Right Triangle Trigonometry

<b>Standard Benchmark and Indicator</b>
<b>S02. Measurement</b>
B. Apply various measurement scales to describe phenomena and solve problems. (11-12)
02. Use radian and degree angle measures to solve problems and perform conversions as needed. (11)
<b>S03. Geometry and Spatial Sense</b>
A. Use trigonometric relationships to verify and determine solutions in problem situations. (11-12)
04. Use trigonometric relationships to determine lengths and angle measures; i.e., Law of Sines and Law of Cosines. (11)

**Differentiated Algebra II Lesson 36 - Final Exam**