



Activity Log

Hecker, Frank

Student ID: 12224

Start Date: 1/1/2025

End Date: 2/7/2025

Thu, Feb 6th, 2025 (119 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations III	Quiz	Quiz 1	18/15 XP
Mathematical Foundations III	Lesson	Integrating Algebraic Functions Using Substitution	14/11 XP
Mathematical Foundations III	Multistep	Payoff Matrices and Discrete Random Variables	7/7 XP
Mathematical Foundations III	Lesson	Calculating Velocity for Straight-Line Motion Using Differentiation	11/9 XP
Mathematical Foundations III	Lesson	The Sum and Difference Formulas for Sine	14/11 XP
Mathematical Foundations III	Lesson	Calculating the Dot Product Using Angle and Magnitude	9/9 XP
Mathematical Foundations III	Lesson	Simplifying Expressions Using Basic Trigonometric Identities	14/11 XP
Mathematical Foundations III	Lesson	The Determinant of a 2x2 Matrix	9/7 XP
Mathematical Foundations III	Lesson	Implicit Differentiation	23/18 XP

Wed, Feb 5th, 2025 (103 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Properties of Transformed Tangent and Cotangent Functions	8/10 XP
Mathematical Foundations II	Lesson	Properties of Transformed Secant and Cosecant Functions	15/12 XP
Mathematical Foundations II	Lesson	Continuity Over an Interval	9/7 XP
Mathematical Foundations II	Review	Selecting Procedures for Calculating Derivatives	7/5 XP
Mathematical Foundations II	Multistep	Modeling Particle Motion Using Trigonometric Functions	1/11 XP
Mathematical Foundations II	Lesson	Left and Right Continuity	9/7 XP
Mathematical Foundations II	Lesson	Finding Zeros and Extrema of Transformed Sine and Cosine Functions	10/10 XP
Mathematical Foundations II	Lesson	Defining Continuity at a Point	9/7 XP
Mathematical Foundations II	Quiz	Quiz 15	18/15 XP
Mathematical Foundations II	Lesson	Limits of Piecewise Functions	9/9 XP
Mathematical Foundations II	Lesson	Combining Graph Transformations of Tangent and Cotangent	8/9 XP

Tue, Feb 4th, 2025 (112 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Properties of Transformed Sine and Cosine Functions	9/7 XP
Mathematical Foundations II	Review	Factorials in Variable Expressions	6/4 XP
Mathematical Foundations II	Review	The Rational Roots Theorem	6/4 XP
Mathematical Foundations II	Review	Further Properties of Infinite Series	4/4 XP

Mathematical Foundations II	Lesson	Limits of Reciprocal Trigonometric Functions	7/7 XP
Mathematical Foundations II	Lesson	Describing Properties of the Cosecant Function	7/7 XP
Mathematical Foundations II	Review	Further Extensions of the Special Trigonometric Ratios	6/4 XP
Mathematical Foundations II	Multistep	Graphs of Trigonometric Functions, Indefinite Integrals, and Tangent Lines	13/11 XP
Mathematical Foundations II	Lesson	Describing Properties of the Cotangent Function	9/7 XP
Mathematical Foundations II	Lesson	Describing Properties of the Secant Function	9/7 XP
Mathematical Foundations II	Review	Calculating the Equation of a Tangent Line Using Differentiation	6/4 XP
Mathematical Foundations II	Review	Factoring Sums and Differences of Cubes	6/4 XP
Mathematical Foundations II	Review	Calculating Derivatives From Data and Tables	6/4 XP
Mathematical Foundations II	Lesson	Limits of Trigonometric Functions	9/7 XP
Mathematical Foundations II	Lesson	Graphing Reflections of Trigonometric Functions	9/7 XP

Mon, Feb 3rd, 2025 (81 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	The Area of a General Triangle	6/4 XP
Mathematical Foundations II	Review	The Law of Cosines	7/5 XP
Mathematical Foundations II	Quiz	Quiz 14	15/15 XP
Mathematical Foundations II	Lesson	Combining Graph Transformations of Secant and Cosecant	18/14 XP
Mathematical Foundations II	Multistep	Applying the Rules of Differentiation and Integration	13/13 XP
Mathematical Foundations II	Review	Extending the Pythagorean Identity to All Quadrants	6/4 XP
Mathematical Foundations II	Lesson	Graph Transformations of Tangent and Cotangent	7/7 XP
Mathematical Foundations II	Lesson	Combining Graph Transformations of Sine and Cosine	9/10 XP

Sun, Feb 2nd, 2025 (102 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Selecting Procedures for Calculating Derivatives	20/16 XP
Mathematical Foundations II	Lesson	Describing Properties of the Tangent Function	9/7 XP
Mathematical Foundations II	Review	Unit Vectors	6/4 XP
Mathematical Foundations II	Lesson	Describing Properties of the Cosine Function	9/7 XP
Mathematical Foundations II	Lesson	Vertical Stretches of Trigonometric Functions	9/7 XP
Mathematical Foundations II	Lesson	Describing Properties of the Sine Function	7/7 XP
Mathematical Foundations II	Lesson	Horizontal Translations of Trigonometric Functions	9/7 XP
Mathematical Foundations II	Lesson	The Chain Rule With Trigonometric Functions	15/12 XP
Mathematical Foundations II	Multistep	Applying the Rules of Differentiation and Integration	0/13 XP
Mathematical Foundations II	Review	The Magnitude of a Vector	4/4 XP
Mathematical Foundations II	Quiz	Quiz 13	14/14 XP

Sat, Feb 1st, 2025 (79 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
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Mathematical Foundations II	Review	The Magnitude of a Vector	6/4 XP
Mathematical Foundations II	Review	The Argument of a Complex Number	6/4 XP
Mathematical Foundations II	Quiz	Quiz 13	10/15 XP
Mathematical Foundations II	Lesson	Integrating Trigonometric Functions	9/7 XP
Mathematical Foundations II	Lesson	Calculating the Magnitude of Cartesian Vectors in 2D	9/7 XP
Mathematical Foundations II	Lesson	Horizontal Stretches of Trigonometric Functions	9/9 XP
Mathematical Foundations II	Lesson	Vertical Translations of Trigonometric Functions	9/7 XP
Mathematical Foundations II	Lesson	Graphing Secant and Cosecant	9/7 XP
Mathematical Foundations II	Lesson	Calculating Derivatives From Graphs	12/12 XP

Fri, Jan 31st, 2025 (90 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Addition and Scalar Multiplication of Cartesian Vectors in 2D	10/8 XP
Mathematical Foundations II	Lesson	Differentiating Reciprocal Trigonometric Functions	19/15 XP
Mathematical Foundations II	Review	The Argument of a Complex Number	4/4 XP
Mathematical Foundations II	Lesson	Graphing Tangent and Cotangent	9/7 XP
Mathematical Foundations II	Lesson	Graphing Sine and Cosine	9/7 XP
Mathematical Foundations II	Lesson	Calculating Derivatives From Data and Tables	15/12 XP
Mathematical Foundations II	Lesson	Two-Dimensional Vectors Expressed in Component Form	9/7 XP
Mathematical Foundations II	Lesson	Describing the Position Vector of a Point Using Known Vectors	15/12 XP

Thu, Jan 30th, 2025 (138 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	The Law of Sines	6/4 XP
Mathematical Foundations II	Quiz	Quiz 12	18/15 XP
Mathematical Foundations II	Lesson	The Quotient Rule for Differentiation	11/12 XP
Mathematical Foundations II	Lesson	Further Extensions of the Special Trigonometric Ratios	11/9 XP
Mathematical Foundations II	Lesson	Linear Combinations of Vectors and Their Properties	10/8 XP
Mathematical Foundations II	Lesson	Unit Vectors	8/9 XP
Mathematical Foundations II	Lesson	The Product Rule for Differentiation	8/9 XP
Mathematical Foundations II	Lesson	Second and Higher Order Derivatives	11/9 XP
Mathematical Foundations II	Lesson	Evaluating Trigonometric Expressions	7/7 XP
Mathematical Foundations II	Lesson	Parallel Vectors	9/7 XP
Mathematical Foundations II	Lesson	Differentiating Trigonometric Functions	7/7 XP
Mathematical Foundations II	Lesson	Trigonometric Ratios of Quadrantal Angles Outside the Standard Range	9/7 XP
Mathematical Foundations II	Lesson	The Magnitude of a Vector	16/13 XP
Mathematical Foundations II	Lesson	Finding Trigonometric Ratios of Special Angles Using the Unit Circle	7/7 XP

Wed, Jan 29th, 2025 (101 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	Finding Intersections of Lines and Reciprocal Functions	6/6 XP
Mathematical Foundations II	Quiz	Quiz 11	13/13 XP
Mathematical Foundations II	Review	Fibonacci Sequences	6/4 XP
Mathematical Foundations II	Review	Finding Intersections of Lines and Reciprocal Functions	8/6 XP
Mathematical Foundations II	Review	The Area of a General Triangle	6/4 XP
Mathematical Foundations II	Quiz	Quiz 11	8/15 XP
Mathematical Foundations II	Lesson	Extending the Pythagorean Identity to All Quadrants	16/13 XP
Mathematical Foundations II	Lesson	Extending the Trigonometric Ratios to Negative Angles	7/7 XP
Mathematical Foundations II	Lesson	Extending the Trigonometric Ratios to Large Angles	10/8 XP
Mathematical Foundations II	Lesson	Finding Trigonometric Ratios of Quadrantal Angles	7/7 XP
Mathematical Foundations II	Lesson	The Law of Cosines	14/11 XP

Tue, Jan 28th, 2025 (96 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Extending the Trigonometric Ratios Using Angles in Radians	13/10 XP
Mathematical Foundations II	Lesson	The Law of Sines	17/17 XP
Mathematical Foundations II	Review	Solving Logarithmic Equations by Combining the Laws of Logarithms	5/5 XP
Mathematical Foundations II	Lesson	The Argument of a Complex Number	11/12 XP
Mathematical Foundations II	Lesson	Extending the Trigonometric Ratios Using the Unit Circle	9/7 XP
Mathematical Foundations II	Review	The Rational Roots Theorem	4/4 XP
Mathematical Foundations II	Lesson	Calculating Reference Angles	11/11 XP
Mathematical Foundations II	Multistep	Graphs of Linear Equations, Parallel and Perpendicular Lines	10/8 XP
Mathematical Foundations II	Lesson	Finding the Equation of a Parallel Line	8/8 XP
Mathematical Foundations II	Lesson	Coterminal Angles	8/8 XP

Mon, Jan 27th, 2025 (78 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	Solving Logarithmic Equations by Combining the Laws of Logarithms	7/5 XP
Mathematical Foundations II	Review	Solving Logarithmic Equations Using the Laws of Logarithms	6/4 XP
Mathematical Foundations II	Quiz	Quiz 10	15/15 XP
Mathematical Foundations II	Lesson	Using the Pythagorean Identity in the First Quadrant	16/13 XP
Mathematical Foundations II	Lesson	Negative Angles in the Coordinate Plane	9/7 XP
Mathematical Foundations II	Lesson	Parallel Lines in the Coordinate Plane	9/7 XP
Mathematical Foundations II	Review	Symmetry Properties of the Standard Normal Distribution	6/4 XP
Mathematical Foundations II	Lesson	Constructing Functions Using Transformations	10/8 XP

Sun, Jan 26th, 2025 (105 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
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Mathematical Foundations II	Lesson	Solving Logarithmic Equations by Combining the Laws of Logarithms	18/14 XP
Mathematical Foundations II	Lesson	Finding Intersections of Lines and Reciprocal Functions	23/18 XP
Mathematical Foundations II	Lesson	The Area of a General Triangle	13/10 XP
Mathematical Foundations II	Lesson	Properties of the Unit Circle in the First Quadrant	14/11 XP
Mathematical Foundations II	Review	Calculating the Equation of a Normal Line Using Differentiation	7/5 XP
Mathematical Foundations II	Quiz	Quiz 9	13/13 XP
Mathematical Foundations II	Review	Inverses of Exponential and Logarithmic Functions	6/4 XP
Mathematical Foundations II	Review	Calculating the Equation of a Normal Line Using Differentiation	3/5 XP
Mathematical Foundations II	Review	Solving Exponential Equations With Different Bases Using Logarithms	8/6 XP

Sat, Jan 25th, 2025 (100 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Quiz	Quiz 9	9/15 XP
Mathematical Foundations II	Lesson	Calculating the Area of a Right Triangle Using Trigonometry	23/18 XP
Mathematical Foundations II	Review	Calculating the Equation of a Normal Line Using Differentiation	7/5 XP
Mathematical Foundations II	Review	Calculating the Equation of a Tangent Line Using Differentiation	6/4 XP
Mathematical Foundations II	Lesson	The Remainder Theorem	13/13 XP
Mathematical Foundations II	Lesson	Angles in the Coordinate Plane	7/7 XP
Mathematical Foundations II	Lesson	Trigonometric Ratios With Radians	9/9 XP
Mathematical Foundations II	Review	Inverses of Exponential and Logarithmic Functions	4/4 XP
Mathematical Foundations II	Lesson	Solving Systems of Nonlinear Equations Using Graphs	9/7 XP
Mathematical Foundations II	Lesson	Inverses of Reciprocal Functions	13/10 XP

Fri, Jan 24th, 2025 (56 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	Solving Exponential Equations With Different Bases Using Logarithms	8/6 XP
Mathematical Foundations II	Lesson	Determining Polynomial Coefficients Using the Factor Theorem	14/11 XP
Mathematical Foundations II	Lesson	The Domain and Range of Transformed Functions	9/7 XP
Mathematical Foundations II	Lesson	Solving Logarithmic Equations Using the Laws of Logarithms	10/10 XP
Mathematical Foundations II	Lesson	Special Trigonometric Ratios	15/12 XP

Thu, Jan 23rd, 2025 (133 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	The Shortest Distance Between a Point and a Line	7/5 XP
Mathematical Foundations II	Review	Properties of Transformed Logarithmic Functions	6/4 XP
Mathematical Foundations II	Quiz	Quiz 8	12/15 XP
Mathematical Foundations II	Lesson	The Z-Score	18/14 XP
Mathematical Foundations II	Review	Periodic Functions	6/4 XP
Mathematical Foundations II	Lesson	Estimating Means and Variances For Grouped Data	16/13 XP

Mathematical Foundations II	Review	Roots of Transformed Radical Functions	4/4 XP
Mathematical Foundations II	Lesson	Factoring Quartic Polynomials Using the Factor Theorem	21/17 XP
Mathematical Foundations II	Lesson	The 45-45-90 Triangle	13/10 XP
Mathematical Foundations II	Lesson	Systems of Linear Equations With Decimal Coefficients	14/11 XP
Mathematical Foundations II	Lesson	Limits of Reciprocal Functions	9/7 XP
Mathematical Foundations II	Lesson	The Chain Rule With Logarithmic Functions	7/7 XP

Wed, Jan 22nd, 2025 (106 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	The 30-60-90 Triangle	9/7 XP
Mathematical Foundations II	Review	Calculating the Equation of a Normal Line Using Differentiation	7/5 XP
Mathematical Foundations II	Lesson	Inverses of Exponential and Logarithmic Functions	18/14 XP
Mathematical Foundations II	Review	Calculating the Equation of a Tangent Line Using Differentiation	6/4 XP
Mathematical Foundations II	Quiz	Quiz 7	15/15 XP
Mathematical Foundations II	Multistep	Limits and Continuity of Functions From Graphs	9/7 XP
Mathematical Foundations II	Lesson	Integrating Exponential Functions	9/7 XP
Mathematical Foundations II	Lesson	Solving Exponential Equations With Different Bases Using Logarithms	15/12 XP
Mathematical Foundations II	Lesson	Solving Exponential Equations Using the Zero-Product Property	9/7 XP
Mathematical Foundations II	Lesson	Domain and Range of Transformed Reciprocal Functions	9/7 XP

Tue, Jan 21st, 2025 (55 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Graphing General Polynomials	13/10 XP
Mathematical Foundations II	Lesson	Integrating the Reciprocal Function	11/9 XP
Mathematical Foundations II	Review	Factoring Sums and Differences of Cubes	6/4 XP
Mathematical Foundations II	Review	Fibonacci Sequences	6/4 XP
Mathematical Foundations II	Lesson	Limits at Infinity of Polynomials	6/7 XP
Mathematical Foundations II	Lesson	The Chain Rule With Exponential Functions	13/10 XP

Mon, Jan 20th, 2025 (108 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	Calculating Side Lengths of Right Triangles Using Trigonometry	6/4 XP
Mathematical Foundations II	Multistep	Radical Functions and Polynomials in Geometrical Settings	13/11 XP
Mathematical Foundations II	Quiz	Quiz 6	15/15 XP
Mathematical Foundations II	Review	The Rational Roots Theorem	6/4 XP
Mathematical Foundations II	Review	Solving Quadratic Equations With Complex Roots	6/4 XP
Mathematical Foundations II	Review	Even and Odd Functions	6/4 XP
Mathematical Foundations II	Quiz	Quiz 6	10/15 XP
Mathematical Foundations II	Lesson	End Behavior of Polynomials	9/7 XP

Mathematical Foundations II	Lesson	Differentiating Logarithmic Functions	9/7 XP
Mathematical Foundations II	Lesson	The Chain Rule for Differentiation	15/12 XP
Mathematical Foundations II	Lesson	Calculating the Equation of a Normal Line Using Differentiation	13/15 XP

Sun, Jan 19th, 2025 (103 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	Writing the Equation of a Parabola in Vertex Form	6/4 XP
Mathematical Foundations II	Lesson	The Sum Rule for Indefinite Integrals	11/11 XP
Mathematical Foundations II	Review	Solving Exponential Equations Using Logarithms	6/4 XP
Mathematical Foundations II	Lesson	Horizontal Asymptotes of Rational Functions	9/7 XP
Mathematical Foundations II	Lesson	Graphing Cubic Curves Containing One Distinct Real Root	16/13 XP
Mathematical Foundations II	Lesson	Differentiating Exponential Functions	9/7 XP
Mathematical Foundations II	Lesson	Calculating the Equation of a Tangent Line Using Differentiation	9/7 XP
Mathematical Foundations II	Lesson	The Shortest Distance Between a Point and a Line	19/15 XP
Mathematical Foundations II	Review	Systems of Linear Equations With Fractional Coefficients	7/5 XP
Mathematical Foundations II	Lesson	Combining Graph Transformations of Reciprocal Functions	11/9 XP

Sat, Jan 18th, 2025 (169 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	Properties of Transformed Logarithmic Functions	6/4 XP
Mathematical Foundations II	Quiz	Quiz 5	15/15 XP
Mathematical Foundations II	Lesson	Calculating the Slope of a Tangent Line Using Differentiation	9/10 XP
Mathematical Foundations II	Lesson	Graph Transformations of Reciprocal Functions	6/7 XP
Mathematical Foundations II	Lesson	Finding Equations of Perpendicular Lines	12/12 XP
Mathematical Foundations II	Lesson	Limits of Radical Functions	9/7 XP
Mathematical Foundations II	Lesson	Solving Exponential Equations With Different Bases	9/7 XP
Mathematical Foundations II	Lesson	Graphing Cubic Curves Containing a Double Root	23/18 XP
Mathematical Foundations II	Lesson	Solving Equations Containing the Exponential Function	9/7 XP
Mathematical Foundations II	Lesson	Interpreting the Meaning of the Derivative in Context	15/12 XP
Mathematical Foundations II	Review	Solving Quadratic Equations With Leading Coefficients by Completing the Square	9/7 XP
Mathematical Foundations II	Quiz	Quiz 4	14/14 XP
Mathematical Foundations II	Review	Solving Quadratic Equations With Leading Coefficients by Completing the Square	9/7 XP
Mathematical Foundations II	Review	The Power and Root Rules for Limits	6/4 XP
Mathematical Foundations II	Review	The Factor Theorem	6/4 XP
Mathematical Foundations II	Review	Factoring Higher-Order Polynomials as a Difference of Squares	6/4 XP
Mathematical Foundations II	Review	The Power Rule for Logarithms	6/4 XP

Fri, Jan 17th, 2025 (104 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
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Mathematical Foundations II	Quiz	Quiz 4	7/15 XP
Mathematical Foundations II	Lesson	The Constant Multiple Rule for Indefinite Integrals	9/7 XP
Mathematical Foundations II	Lesson	Limits of Exponential Functions	9/7 XP
Mathematical Foundations II	Lesson	Graphing Cubic Curves Containing Three Distinct Real Roots	19/15 XP
Mathematical Foundations II	Review	Solving Quadratic Equations With Leading Coefficients by Completing the Square	4/6 XP
Mathematical Foundations II	Lesson	The Rational Roots Theorem	16/16 XP
Mathematical Foundations II	Review	Vertical Asymptotes of Rational Functions	6/4 XP
Mathematical Foundations II	Lesson	The Antiderivative	9/7 XP
Mathematical Foundations II	Lesson	The Sum and Constant Multiple Rules for Differentiation	11/9 XP
Mathematical Foundations II	Lesson	Solving Exponential Equations Using Logarithms	14/11 XP

Thu, Jan 16th, 2025 (138 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Even and Odd Functions	11/9 XP
Mathematical Foundations II	Lesson	Multiplicities of the Roots of Polynomials	16/13 XP
Mathematical Foundations II	Lesson	Solving Logarithmic Equations With Logarithms on Both Sides	9/7 XP
Mathematical Foundations II	Review	Calculating Limits of Rational Functions by Factoring	6/4 XP
Mathematical Foundations II	Lesson	The Power Rule for Differentiation	9/7 XP
Mathematical Foundations II	Review	Factoring Sums and Differences of Cubes	6/4 XP
Mathematical Foundations II	Quiz	Quiz 3	18/15 XP
Mathematical Foundations II	Lesson	Combining the Laws of Logarithms	10/8 XP
Mathematical Foundations II	Lesson	Reflective Symmetry	9/7 XP
Mathematical Foundations II	Lesson	Limits of Logarithmic Functions	9/7 XP
Mathematical Foundations II	Lesson	Properties of Transformed Logarithmic Functions	9/7 XP
Mathematical Foundations II	Lesson	Factoring Cubic Polynomials Using the Factor Theorem	26/21 XP

Wed, Jan 15th, 2025 (18 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	The Power Rule for Logarithms	9/7 XP
Mathematical Foundations II	Lesson	Defining the Derivative Using Derivative Notation	9/7 XP

Tue, Jan 14th, 2025 (52 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Graphing Reciprocal Functions	9/7 XP
Mathematical Foundations II	Multistep	Limits and Continuity of Functions From Graphs	7/7 XP
Mathematical Foundations II	Lesson	Limits at Infinity from Graphs	9/7 XP
Mathematical Foundations II	Lesson	Solving Logarithmic Equations Containing the Natural Logarithm	9/7 XP
Mathematical Foundations II	Lesson	Introduction to Radians	9/7 XP

Mathematical Foundations II	Lesson	The Quotient Rule for Logarithms	9/7 XP
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Mon, Jan 13th, 2025 (99 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	The Instantaneous Rate of Change of a Function at a Point	10/10 XP
Mathematical Foundations II	Review	The Power and Root Rules for Limits	4/4 XP
Mathematical Foundations II	Review	Factoring Sums and Differences of Cubes	4/4 XP
Mathematical Foundations II	Review	Vertical Translations of Exponential Decay Functions	6/4 XP
Mathematical Foundations II	Quiz	Quiz 2	11/15 XP
Mathematical Foundations II	Lesson	The Reciprocal Trigonometric Ratios	7/7 XP
Mathematical Foundations II	Lesson	Solving Logarithmic Equations	9/7 XP
Mathematical Foundations II	Lesson	Combining Graph Transformations of Logarithmic Functions	16/13 XP
Mathematical Foundations II	Lesson	The Product Rule for Logarithms	9/7 XP
Mathematical Foundations II	Lesson	Calculating Limits of Rational Functions by Factoring	9/11 XP
Mathematical Foundations II	Lesson	Properties of Transformed Exponential Functions	14/11 XP

Sun, Jan 12th, 2025 (109 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Calculating Trigonometric Ratios Using the Pythagorean Theorem	16/13 XP
Mathematical Foundations II	Review	Combining Reflections With Other Graph Transformations	6/4 XP
Mathematical Foundations II	Lesson	Simplifying Logarithmic Expressions	9/7 XP
Mathematical Foundations II	Review	Solving Quadratic Inequalities Using the Sign Table Method	6/4 XP
Mathematical Foundations II	Lesson	Graphing Logarithmic Functions	9/7 XP
Mathematical Foundations II	Lesson	Perpendicular Lines in the Coordinate Plane	10/8 XP
Mathematical Foundations II	Lesson	Problem Solving Using Vector Diagrams	10/8 XP
Mathematical Foundations II	Review	Solving Elementary Quadratic Inequalities	6/4 XP
Mathematical Foundations II	Lesson	Calculating Side Lengths of Right Triangles Using Trigonometry	11/9 XP
Mathematical Foundations II	Review	The Change of Base Formula for Logarithms	6/4 XP
Mathematical Foundations II	Quiz	Quiz 1	11/11 XP
Mathematical Foundations II	Lesson	Calculating Angles in Right Triangles Using Trigonometry	9/7 XP

Sat, Jan 11th, 2025 (90 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Lesson	Factoring Higher-Order Polynomials as a Difference of Squares	11/9 XP
Mathematical Foundations II	Multistep	Quadratic Profit Functions	12/10 XP
Mathematical Foundations II	Lesson	Combining Graph Transformations of Exponential Functions	14/14 XP
Mathematical Foundations II	Lesson	The Factor Theorem	7/7 XP
Mathematical Foundations II	Review	Roots of Rational Functions	4/4 XP
Mathematical Foundations II	Review	The Change of Base Formula for Logarithms	6/4 XP

Mathematical Foundations II	Review	Inverses of Radical Functions	6/4 XP
Mathematical Foundations II	Lesson	Vertical Asymptotes of Rational Functions	13/13 XP
Mathematical Foundations II	Lesson	The Triangle Law for the Addition of Two Vectors	6/8 XP
Mathematical Foundations II	Lesson	The Trigonometric Ratios	11/9 XP

Fri, Jan 10th, 2025 (98 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	Adding and Subtracting Radicals	6/4 XP
Mathematical Foundations II	Lesson	Midpoints in the Coordinate Plane	9/7 XP
Mathematical Foundations II	Review	Factoring Biquadratic Expressions	6/4 XP
Mathematical Foundations II	Review	The Discriminant of a Quadratic Equation	6/4 XP
Mathematical Foundations II	Lesson	Vertical Translations of Exponential Decay Functions	9/7 XP
Mathematical Foundations II	Multistep	Exploring Function Arithmetic Using Graphs	9/7 XP
Mathematical Foundations II	Lesson	Factoring Sums and Differences of Cubes	14/11 XP
Mathematical Foundations II	Review	Multiplying Complex Numbers	6/4 XP
Mathematical Foundations II	Review	Solving Quadratic Equations With Leading Coefficients by Completing the Square	7/7 XP
Mathematical Foundations II	Review	Dividing Rational Expressions	6/4 XP
Mathematical Foundations II	Lesson	Finding Points on Transformed Curves	10/11 XP
Mathematical Foundations II	Review	Percentage Points of the Standard Normal Distribution	6/4 XP
Mathematical Foundations II	Review	Solving Quadratic Equations With Complex Roots	4/4 XP

Thu, Jan 9th, 2025 (180 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Mathematical Foundations II	Review	Adding Rational Expressions With No Common Factors in the Denominator	6/4 XP
Mathematical Foundations II	Lesson	Roots of Rational Functions	15/12 XP
Mathematical Foundations II	Lesson	The Magnitude of a Complex Number	9/7 XP
Mathematical Foundations II	Lesson	The Power and Root Rules for Limits	12/12 XP
Mathematical Foundations II	Lesson	The Complex Plane	9/7 XP
Mathematical Foundations II	Lesson	The Change of Base Formula for Logarithms	9/9 XP
Mathematical Foundations II	Placement		32/ XP
Mathematical Foundations III	Lesson	Solving Quadratic Inequalities Using the Sign Table Method	18/14 XP
Mathematical Foundations III	Lesson	The Transpose of a Matrix	9/7 XP
Mathematical Foundations III	Placement		61/ XP

Notes:

1. Every learning task is assigned an XP (eXperience Point) value to signify the time required to successfully complete that task.
2. 1 XP is equivalent to 1 minute of focused effort (e.g. a 10 XP lesson should take roughly 10 minutes to complete)
3. The amount of XP awarded is based on the students' performance on that task, with additional "bonus" XP awarded if every question is answered correctly