



Activity Log

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Student ID: 12224

Start Date: 10/6/2025

End Date: 11/2/2025

Sun, Nov 2nd, 2025 (35 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Lesson	Integration Using Inverse Reciprocal Hyperbolic Functions	9/7 XP
Calculus I	Multistep	Continuity, Derivatives, and Integrals	19/15 XP
Calculus I	Review	Approximating Areas Under Graphs of Composite Functions	4/4 XP
Calculus I	Review	Geometric Interpretations of Partial Derivatives	3/5 XP

Sat, Nov 1st, 2025 (54 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Evaluating Limits at Infinity of Radical Functions	4/4 XP
Calculus I	Lesson	Integration Using Inverse Hyperbolic Functions	9/7 XP
Calculus I	Review	Integration Using the Double-Angle Formulas	6/4 XP
Calculus I	Review	Further Limits Involving the Exponential Function	6/4 XP
Calculus I	Review	Optimization Problems With Inscribed Shapes	7/5 XP
Calculus I	Lesson	Differentiating Inverse Reciprocal Hyperbolic Functions	12/12 XP
Calculus I	Quiz	Quiz 7	10/15 XP

Fri, Oct 31st, 2025 (41 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Lesson	Integrating Hyperbolic Functions	9/7 XP
Calculus I	Review	Graphs of the Reciprocal Hyperbolic Functions	6/4 XP
Calculus I	Review	Optimization Problems With Inscribed Shapes	5/5 XP
Calculus I	Review	Calculating Limits of Radical Functions Using Conjugate Multiplication	5/5 XP
Calculus I	Review	Calculating Related Rates With Squares	6/4 XP
Calculus I	Review	The Double-Angle Formula for Cosine	6/4 XP
Calculus I	Quiz	Quiz 7	4/15 XP

Wed, Oct 29th, 2025 (55 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Multistep	Finding the Integral of Function's Derivative From Its Graph, Extrema, and Inflections Points	10/10 XP
Calculus I	Review	Identifying Quadric Surfaces	4/4 XP

Calculus I	Review	The Four Fundamental Subspaces of a Matrix	6/4 XP
Calculus I	Review	Properties of Diagonalization	7/5 XP
Calculus I	Lesson	Differentiating Inverse Hyperbolic Functions	13/10 XP
Calculus I	Review	Jordan Canonical Decomposition of a 3x3 Matrix	8/6 XP
Calculus I	Review	Improper Integrals Over the Real Line	7/5 XP

Tue, Oct 28th, 2025 (29 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Optimization Problems in Economics	7/5 XP
Calculus I	Lesson	Further Optimizing Functions Using Graphs of Derivatives	13/10 XP
Calculus I	Review	Projecting Vectors Onto Subspaces in Euclidean Spaces (Arbitrary Bases): Applications	9/7 XP

Mon, Oct 27th, 2025 (43 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Further Limits Involving the Exponential Function	4/4 XP
Calculus I	Review	The Least-Squares Solution of a Linear System (With Collinearity)	9/7 XP
Calculus I	Lesson	Differentiating Reciprocal Hyperbolic Functions	10/10 XP
Calculus I	Review	Connecting Infinite Limits and Vertical Asymptotes of Rational Functions	6/4 XP
Calculus I	Quiz	Quiz 6	14/14 XP

Sun, Oct 26th, 2025 (44 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Multistep	Analyzing the Graph of a Function's Derivative	10/8 XP
Calculus I	Review	Connecting Infinite Limits and Vertical Asymptotes of Rational Functions	4/4 XP
Calculus I	Review	The Angle Between Two Vectors	8/6 XP
Calculus I	Review	Calculating Related Rates Using Trigonometry	8/6 XP
Calculus I	Quiz	Quiz 6	6/15 XP
Calculus I	Review	Confidence Intervals for Linear Regression Intercept Parameters	6/4 XP
Calculus I	Review	The Image of a Linear Transformation in the Cartesian Plane	2/4 XP

Sat, Oct 25th, 2025 (41 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Rotation-Scaling Matrices	6/4 XP
Calculus I	Lesson	Further Limits Involving the Exponential Function	13/10 XP
Calculus I	Lesson	Graphs of the Reciprocal Hyperbolic Functions	9/7 XP
Calculus I	Review	The Shortest Distance Between a Plane and a Point	7/5 XP

Calculus I	Review	Confidence Intervals for Linear Regression Slope Parameters	6/4 XP
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Fri, Oct 24th, 2025 (57 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Finding Intersections of Lines and Reciprocal Functions	7/5 XP
Calculus I	Lesson	Differentiating Hyperbolic Functions	11/9 XP
Calculus I	Lesson	Optimization Problems in Economics	25/20 XP
Calculus I	Lesson	Sketching a Function From the Graph of its Derivative	14/11 XP

Thu, Oct 23rd, 2025 (53 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Calculating Related Rates With Cones	8/6 XP
Calculus I	Multistep	Accumulation Functions and the Second Fundamental Theorem of Calculus	6/8 XP
Calculus I	Quiz	Quiz 5	13/13 XP
Calculus I	Review	Limits Involving the Exponential Function	6/4 XP
Calculus I	Review	Optimization Problems Involving Cylinders	8/6 XP
Calculus I	Review	Calculating Related Rates With Cones	8/6 XP
Calculus I	Quiz	Quiz 5	4/15 XP

Wed, Oct 22nd, 2025 (44 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Lesson	Interpreting the Graph of a Function's Derivative: Concavity and Points of Inflection	10/8 XP
Calculus I	Lesson	The Reciprocal Hyperbolic Functions	10/8 XP
Calculus I	Lesson	Connecting Infinite Limits and Vertical Asymptotes of Rational Functions	16/13 XP
Calculus I	Review	Weighted Least-Squares	8/8 XP

Tue, Oct 21st, 2025 (41 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Lesson	Minimizing a Function Using the Graph of its Derivative	9/7 XP
Calculus I	Review	QR Factorization	5/5 XP
Calculus I	Review	Finding the Canonical Form of a Quadratic Form Using Orthogonal Transformations	7/5 XP
Calculus I	Review	The Spectral Theorem	4/4 XP
Calculus I	Lesson	Optimization Problems With Inscribed Shapes	16/16 XP

Mon, Oct 20th, 2025 (24 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
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Calculus I	Lesson	Calculating Related Rates Using Trigonometry	24/19 XP
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Sun, Oct 19th, 2025 (64 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Multistep	Definite Integrals of Functions From Graphs	15/12 XP
Calculus I	Review	Calculating Related Rates With Rectangular Solids	7/5 XP
Calculus I	Quiz	Quiz 4	12/12 XP
Calculus I	Review	Evaluating Limits at Infinity of Radical Functions	4/4 XP
Calculus I	Review	Graphing the Inverse Cosine Function	6/4 XP
Calculus I	Review	Unit Vectors	6/4 XP
Calculus I	Quiz	Quiz 4	6/15 XP
Calculus I	Review	Factoring Quartic Polynomials Using the Factor Theorem	8/6 XP

Sat, Oct 18th, 2025 (45 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	The Candidates Test	4/7 XP
Calculus I	Review	Taylor Series	10/8 XP
Calculus I	Lesson	Maximizing a Function Using the Graph of Its Derivative	8/8 XP
Calculus I	Lesson	Optimization Problems Involving Cylinders	23/18 XP

Fri, Oct 17th, 2025 (57 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Lesson	Calculating Related Rates With Cones	22/22 XP
Calculus I	Multistep	Optimization Problems Involving Boxes	12/16 XP
Calculus I	Review	Optimization Problems Involving Sectors of Circles	8/6 XP
Calculus I	Quiz	Quiz 3	15/15 XP

Thu, Oct 16th, 2025 (51 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Introduction to Linear Transformations	6/4 XP
Calculus I	Review	Calculating the Definite Integral of a Function's Derivative Given its Graph	6/4 XP
Calculus I	Review	Optimization Problems Involving Sectors of Circles	8/6 XP
Calculus I	Quiz	Quiz 3	8/15 XP
Calculus I	Lesson	Optimization Problems Involving Boxes and Trays	23/23 XP

Wed, Oct 15th, 2025 (22 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	The Change-of-Variables Method for Continuous Random Variables	2/4 XP

Calculus I	Review	Confidence Intervals for One Variance	4/4 XP
Calculus I	Review	Rotation-Scaling Matrices	2/4 XP
Calculus I	Lesson	Evaluating Limits at Infinity of Radical Functions	14/11 XP

Tue, Oct 14th, 2025 (50 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Lesson	Calculating Related Rates With Rectangular Solids	18/14 XP
Calculus I	Multistep	Continuity, Discontinuities, and Differentiability	14/11 XP
Calculus I	Quiz	Quiz 2	18/15 XP

Mon, Oct 13th, 2025 (37 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	The Inverse Hyperbolic Functions	6/4 XP
Calculus I	Review	Calculating Limits Using Trigonometric Identities	6/4 XP
Calculus I	Review	Parametric Equations of Vertical Hyperbolas	6/4 XP
Calculus I	Review	Finding the Area Between a Curve and the X-Axis When They Intersect	7/5 XP
Calculus I	Review	Further Logarithmic Differentiation	9/7 XP
Calculus I	Quiz	Quiz 2	3/15 XP

Sun, Oct 12th, 2025 (22 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Properties of Roots of Unity	6/4 XP
Calculus I	Review	Calculating Related Rates Using Similar Triangles	7/5 XP
Calculus I	Lesson	Simplifying Square Root Expressions Using Polynomial Factorization	9/7 XP

Sat, Oct 11th, 2025 (41 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Optimization Problems Involving Sectors of Circles	8/6 XP
Calculus I	Review	Optimizing Distances to Curves	7/5 XP
Calculus I	Review	Calculating Tangent and Normal Lines with Parametric Equations	7/5 XP
Calculus I	Lesson	Solving Equations Containing Hyperbolic Functions	19/15 XP

Fri, Oct 10th, 2025 (40 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Calculating Related Rates Using the Pythagorean Theorem	10/8 XP
Calculus I	Review	Calculating Related Rates With Circles and Spheres	7/5 XP
Calculus I	Review	Weighted Least-Squares	8/8 XP

Calculus I	Lesson	Calculating Related Rates With Squares	15/12 XP
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Thu, Oct 9th, 2025 (43 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Lesson	Interpreting the Graph of a Function's Derivative	7/7 XP
Calculus I	Multistep	Modeling Particle Motion Using Trigonometric Functions	7/10 XP
Calculus I	Review	Further Logarithmic Differentiation	7/7 XP
Calculus I	Quiz	Quiz 1	15/15 XP
Calculus I	Review	The Pythagorean Theorem and the Triangle Inequality	7/5 XP

Wed, Oct 8th, 2025 (48 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Review	Jordan Canonical Decomposition of a 3x3 Matrix	8/6 XP
Calculus I	Review	Recognizing Derivatives in Limits	6/4 XP
Calculus I	Lesson	Optimization Problems Involving Sectors of Circles	16/13 XP
Calculus I	Lesson	Sketching the Derivative of a Function From the Function's Graph	9/9 XP
Calculus I	Lesson	Calculating the Definite Integral of a Function's Derivative Given its Graph	9/9 XP

Tue, Oct 7th, 2025 (31 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Lesson	The Inverse Hyperbolic Functions	18/14 XP
Calculus I	Lesson	Calculating Related Rates Using Similar Triangles	13/10 XP

Mon, Oct 6th, 2025 (62 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Calculus I	Lesson	Further Logarithmic Differentiation	28/22 XP
Calculus I	Lesson	Calculating Limits Using Trigonometric Identities	12/12 XP
Calculus I	Placement		22/ 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