

# Assignment Checklist

## Algebra I

Key	
<b>AC:</b> Application of Content, <b>CR:</b> Content Review, <b>GS:</b> Getting Started,	<b>MAA:</b> Module Authentic Assessment,
<b>MS:</b> Module Survey, <b>MT:</b> Module Test, <b>WU:</b> Warm-Up	

The chart below reflects assignments in the course for which students submit both required and optional work. These learning activities include a variety of assignment types that are assessed by an instructor or the learning management system (LMS). The associated submission folders have been created for these assignments in the LMS. The content review interactivities listed below have printed results that can be submitted to an instructor if desired.

Topic/Page In Course	Activity Title	Activity Type	Total Points	Date Completed	Points Earned
<b>Module 1: Expressions</b>					
GS	Familiar Terms Tic-Tac-Toe	Game			
1.1 WU	Math Vocabulary Check	Interactivity			
1.1 CR	Translating Verbal and Algebraic Expressions Review	Interactivity			
1.1 AC	Translating Verbal and Algebraic Expressions Problem Set	Problem Set			
1.2 WU	Math Operations Check	Interactivity			
1.2 CR	Modeling Real-World Situations Reviews	Interactivity			
1.2 AC	Error Analysis Table	Error Analysis			
1.3 WU	Order of Operations Voting Activity	Discussion			
1.3 CR	Evaluating Expressions Review	Interactivity			
1.3 AC	Evaluating Expressions Quiz	Quiz			
MAA	Math in the Real-World Template	Creating Examples			
MT	Module Test	Test			
<b>Module 2: Properties of Exponents</b>					
GS	Social Media and Exponents Example	Think About			
2.1 WU	Exponential Expressions	Think About			
2.1 CR	Product of Powers, Power of a Power, and Power of a Product Review	Interactivity			
2.1 AC	Product of Powers, Power of a Power, and Power of a Product Problem Set	Problem Set			
2.2 WU	Evaluating Expressions	Interactivity			
2.2 CR	Quotient of Powers and Power of a Quotient Review	Interactivity			
2.2 AC	Quotient of Powers and Power of a Quotient Problem Set	Problem Set			
2.3 WU	Zero Exponents	Think About			
2.3 CR	Zero and Negative Exponents Review	Interactivity			
2.3 AC	Zero and Negative Exponents Quiz	Quiz			
MAA	The Property Project	Group Project			
MT	Module Test	Test			
<b>Module 3: Operations on Polynomials</b>					
GS	Operations On Polynomials Matching Game	Game			
3.1 WU	Simplifying Algebraic Expressions	Interactivity			
3.1 CR	Adding and Subtracting Polynomials Review	Interactivity			

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3.1 AC	Adding and Subtracting Polynomials Problem Set	Problem Set			
3.2 WU	Simplifying Algebraic Expressions Using the Distributive Property and the Laws of Exponents	Interactivity			
3.2 CR	Multiplying and Dividing Polynomials Review	Interactivity			
3.2 AC	Multiplying and Dividing Polynomials Problem Set	Problem Set			
3.3 WU	Factoring Completely	Interactivity			
3.3 CR	Factoring Polynomials Review	Interactivity			
3.3 AC	Factoring Polynomials Quiz	Quiz			
MAA	Operations on Polynomials Essay	Essay			
MT	Module Test	Test			
<b>Module 4: Radical Expressions</b>					
GS	Using Radical Expressions in Science Example	Think About			
4.1 WU	Principal Square Roots	Interactivity			
4.1 CR	Simplifying Square Roots and Cube Roots Review	Interactivity			
4.1 AC	Simplifying Square Roots and Cube Roots Problem Set	Problem Set			
4.2 WU	Like and Unlike Radicals	Think About			
4.2 CR	Operations on Radical Expressions Review	Problem Set			
4.2 AC	Operations on Radical Expressions Quiz	Quiz			
MAA	Designing a Game	Game Design			
MT	Module Test	Test			
<b>Module 5: Solving Linear Equations</b>					
GS	Properties List	List			
5.1 WU	Solving One-Step Equations	Think About			
5.1 CR	Solving Literal Equations Review	Interactivity			
5.1 AC	Solving Literal Equations Problem Set	Problem Set			
5.2 WU	Inverse Operations	Interactivity			
5.2 CR	Solving Linear Equations Algebraically Review	Interactivity			
5.2 AC	Solving Linear Equations Algebraically Quiz	Quiz			
5.3 WU	What is a Solution?	Think About			
5.3 CR	Solving Systems of Linear Equations Review	Interactivity			
5.3 AC	Solving Systems of Linear Equations Problem Set	Problem Set			
5.4 WU	Translating Verbal Expressions to Algebraic Expressions	Interactivity			
5.4 CR	Solving Practical Problems Involving Linear Equations Review	Interactivity			
5.4 AC	Solving Practical Problems Involving Linear Equations Check for Understanding	Check for Understanding			
MAA	Planning a Dream Vacation	Solving Practical			

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		Problems			
MT	Module Test	Test			
<b>Module 6: Solving Quadratic Equations</b>					
GS	Quadratics and Projectile Motion Puzzle	Puzzle			
6.1 WU	Factoring Polynomials	Interactivity			
6.1 CR	Solving Quadratic Equations by Factoring Review	Interactivity			
6.1 AC	Solving Quadratic Equations by Factoring Problem Set	Problem Set			
6.2 WU	Quadratic Formula	Think About			
6.2 CR	Solving Quadratic Equations by Using the Quadratic Formula Review	Interactivity			
6.2 AC	Solving Quadratic Equations by Using the Quadratic Formula Quiz	Quiz			
6.3 WU	Projectile Motion and Quadratic Equations	Everyday Connections			
6.3 CR	Solving Practical Problems Involving Quadratic Equations Review	Interactivity			
6.3 AC	Solving Practical Problems Involving Quadratic Equations Problem Set	Problem Set			
MAA	Solving Quadratic Equations	Solving Quadratic Equations			
MT	Module Test	Test			
<b>Module 7: Solving Linear Inequalities</b>					
GS	Solving Inequalities	Interactivity			
7.1 WU	Working With Inequality Systems	Interactivity			
7.1 CR	Solving Multi-Step Linear Inequalities Algebraically Review	Interactivity			
7.1 AC	Solving Multi-Step Linear Inequalities Algebraically Problem Set	Problem Set			
7.2 WU	Inequalities That Include Two Variables	Think About			
7.2 CR	Solving Multi-Step Linear Inequalities in Two Variables Review	Interactivity			
7.2 AC	Solving Multi-Step Linear Inequalities in Two Variables Problem Set	Problem Set			
7.3 WU	Systems of Inequalities	Interactivity			
7.3 CR	Systems of Inequalities Review	Interactivity			
7.3 AC	Systems of Inequalities Problem Set	Problem Set			
7.4 WU	Real-World Inequality Problems	Discussion			
7.4 CR	Real-World Inequality Problems Review	Interactivity			
7.4 AC	Real-World Inequality Problems Quiz	Quiz			
MAA	Pizza Party Presentation	Presentation			
MT	Module Test	Test			
<b>Module 8: Graphing Linear Equations</b>					
GS	Coordinate Plane, Ordered Pairs, and Slope	Interactivity			
8.1 WU	Determining Coordinates	Interactivity			
8.1 CR	Graphing a Linear Equation Using Slope Review	Interactivity			

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8.1 AC	Graphing a Linear Equation Using Slope Check for Understanding	Check for Understanding			
8.2 WU	Identify Points on a Line	Interactivity			
8.2 CR	Writing the Equation of a Line Review	Interactivity			
8.2 AC	Writing the Equation of a Line Quiz	Quiz			
8.3 WU	Transformations	Interactivity			
8.3 CR	Graphing a Linear Equation as a Transformation of the Parent Function Review	Interactivity			
8.3 AC	Graphing a Linear Equation as a Transformation of the Parent Function Problem Set	Problem Set			
MAA	Designing a Tutoring Session	Designing a Tutoring Session			
MT	Module Test	Test			
<b>Module 9: Writing Linear Equations</b>					
GS	Penalty Shootout Soccer Game	Game			
9.1 WU	The Slope of a Linear Function	Interactivity			
9.1 CR	Determining the Slope of a Line Review	Interactivity			
9.1 AC	Determining the Slope of a Line Problem Set	Problem Set			
9.2 WU	Writing the Equation of a Line	Interactivity			
9.2 CR	Writing the Equation of a Line Review	Interactivity			
9.2 AC	Writing the Equation of a Line Quiz	Quiz			
9.3 WU	Parallel or Perpendicular Lines Voting Activity	Discussion			
9.3 CR	Parallel and Perpendicular Lines Review	Interactivity			
9.3 AC	Parallel and Perpendicular Lines Problem Set	Problem Set			
MAA	In-Depth Explanations	In-Depth Explanations			
MT	Module Test	Test			
<b>Module 10: Linear and Quadratic Function Families</b>					
GS	Analyzing Two Graphs and Listing Similarities and Differences Between Them	Similarities and Differences List			
10.1 WU	Relations, Domain, and Range	Interactivity			
10.1 CR	Relations and Functions Review	Interactivity			
10.1 AC	Relations and Functions Problem Set	Problem Set			
10.2 WU	Solving Equations and Working on the Coordinate Plane	Interactivity			
10.2 CR	Zeros and Intercepts Review	Interactivity			
10.2 AC	Zeros and Intercepts Quiz	Quiz			
10.3 WU	Evaluating Expressions	Interactivity			
10.3 CR	Finding Function Values for Elements of the Domain Review	Interactivity			
10.3 AC	Finding Function Values for Elements of the Domain Problem Set	Problem Set			
MAA	Creating a Practice Test	Creating a Practice Test			

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MT	Module Test	Test			
<b>Module 11: Direct and Inverse Variation</b>					
GS	Given Proportions Game	Game			
11.1 WU	Proportional Relationships	Interactivity			
11.1 CR	Determining Whether a Direct or Inverse Variation Exists Review	Interactivity			
11.1 AC	Determining Whether a Direct or Inverse Variation Exists Problem Set	Problem Set			
11.2 WU	Creative Scenarios Activity	Discussion			
11.2 CR	Writing and Graphing a Direct Variation Equation Review	Interactivity			
11.2 AC	Writing and Graphing a Direct Variation Equation Quiz	Quiz			
11.3 WU	Is the Relation an Inverse Variation?	Interactivity			
11.3 CR	Writing an Inverse Variation Equation Review	Interactivity			
11.3 AC	Writing an Inverse Variation Equation Problem Set	Problem Set			
MAA	Designing an App	App Design			
MT	Module Test	Test			
<b>Module 12: Statistics</b>					
GS	Positive, Negative, or No Relationship	Interactivity			
12.1 WU	Analyzing a Scatterplot	Think About			
12.1 CR	Line of Best Fit Review	Interactivity			
12.1 AC	Line of Best Fit Problem Set	Problem Set			
12.2 WU	Line of Best Fit or Curve of Best Fit	Interactivity			
12.2 CR	Curve of Best Fit Review	Interactivity			
12.2 AC	Curve of Best Fit Quiz	Quiz			
MAA	Collecting and Analyzing Data	Data Analysis			
MT	Module Test	Test			