

Standard Code	Standards
HS-MA-A2-A-APR.01.00.0	Polynomials
HS-MA-A2-A-APR.01.A.0	Extend the factoring techniques to higher degree polynomials
HS-MA-A2-A-APR.01.B.0	Multiply polynomials
HS-MA-A2-A-APR.01.C.0	Divide polynomials using synthetic and long division
HS-MA-A2-A-APR.01.D.0	Solve polynomial equations
HS-MA-A2-A-APR.02.00.0	Rational Expressions
HS-MA-A2-A-APR.02.A.0	Apply properties of rational expressions to simplify expressions
HS-MA-A2-A-APR.02.B.0	Solve rational equations
HS-MA-A2-A-APR.02.C.0	Identify zeros of rational functions
HS-MA-A2-A-APR.02.D.0	Graph rational functions, identifying zeros and asymptotes (+)
HS-MA-A2-A-CED.01.00.0	Basics of Algebra
HS-MA-A2-A-CED.01.A.0	Use appropriate methods to solve real-life problems
HS-MA-A2-A-CED.01.B.0	Use logical reasoning to determine the validity of the results
HS-MA-A2-A-CED.02.00.0	Variation
HS-MA-A2-A-CED.02.A.0	Recognize and write higher degree direct and inverse variation equations
HS-MA-A2-A-CED.02.B.0	Solve using direct variation
HS-MA-A2-A-CED.02.C.0	Solve using inverse variation
HS-MA-A2-A-REI.01.00.0	Inequalities
HS-MA-A2-A-REI.01.A.0	Solve and graph combined inequalities (conjunctions, disjunctions)
HS-MA-A2-A-REI.01.B.0	Solve absolute value equations and inequalities
HS-MA-A2-A-REI.02.00.0	Quadratics
HS-MA-A2-A-REI.02.A.0	Solve quadratic equations (completing the square, factoring, quadratic formula)
HS-MA-A2-A-REI.02.B.0	Write the equation of a parabola, given the intercepts and a point, or the vertex
HS-MA-A2-A-REI.02.C.0	Recognize the symmetry of quadratic functions
HS-MA-A2-A-REI.02.D.0	Apply transformations to absolute value, quadratic, and square root functions
HS-MA-A2-F-BF.01.00.0	Logarithmic and Exponential Functions
HS-MA-A2-F-BF.01.A.0	Apply properties of logarithms to simplify expressions (+)
HS-MA-A2-F-BF.01.B.0	Apply properties of rational exponents to solve equations (+)
HS-MA-A2-F-BF.01.C.0	Apply properties of logarithms to solve equations (+)
HS-MA-A2-F-BF.01.D.0	Solve exponential and logarithmic equations
HS-MA-A2-F-BF.01.E.0	Analyze exponential and logarithmic functions
HS-MA-A2-F-BF.01.F.0	Make predictions from exponential models (+)
HS-MA-A2-F-BF.01.G.0	Understand the inverse relationship between exponents and logarithms and use this relationship to solve problems involving logs and exponents
HS-MA-A2-F-BF.02.00.0	Inverses and Composition of Functions

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HS-MA-A2-F-BF.02.A.0	Write an expression for the composite of two simple functions
HS-MA-A2-F-BF.02.B.0	Build a new function using composition of functions
HS-MA-A2-F-BF.02.C.0	Determine the equations for the graph of inverse functions (linear, quadratic, and exponential)
HS-MA-A2-F-BF.02.D.0	Graph inverse functions (+)
HS-MA-A2-F-BF.02.E.0	Verify by composition that one function is the inverse of the other (+)
HS-MA-A2-F-BF.02.F.0	Produce an invertible function from a non-invertible function (+)
HS-MA-A2-F-IF.01.00.0	Linear Equations and Functions
HS-MA-A2-F-IF.01.A.0	Express functions as equations, tables, and graphs (linear, absolute value, and quadratic)
HS-MA-A2-F-IF.01.B.0	Solve and use systems of linear equations or inequalities in two variables
HS-MA-A2-F-IF.01.C.0	Graph linear, absolute value, quadratic, square root, and exponential functions
HS-MA-A2-F-IF.01.D.0	Make predictions from linear models
HS-MA-A2-F-IF.01.E.0	Understand that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or as a polynomial function
HS-MA-A2-F-IF.01.F.0	Find the equation of a line (standard and slope-intercept form)
HS-MA-A2-G-GPE.01.00.0	Coordinate Geometry
HS-MA-A2-G-GPE.01.A.0	Use the distance and midpoint formulas
HS-MA-A2-G-GPE.01.B.0	Derive the equation of a circle given its center and radius
HS-MA-A2-G-GPE.01.C.0	Recognize 2D conic sections centered at the origin
HS-MA-A2-G-GPE.01.D.0	Write the equation of an ellipse or hyperbola, given the endpoints of the major and minor axes (+)
HS-MA-A2-N-CN.01.00.0	Irrational and Complex Numbers
HS-MA-A2-N-CN.01.A.0	Define, recognize, and perform operations on complex numbers
HS-MA-A2-N-CN.01.B.0	Simplify radical expressions
HS-MA-A2-N-CN.01.C.0	Solve radical equations