Key Predecessors

Algebra I Concept and Skill	Key Predecessor	Grade Level of Key Predecessor
Add & Multiply Rational & Irrational Numbers	Rational & Irrational Numbers	8
Add & Multiply Rational & Irrational Numbers	Simplify Radicals	9
Add & Multiply Rational & Irrational Numbers	Estimate Square Roots	8
Add & Subtract Polynomials	Add & Subtract Linear Expressions	7
Add & Subtract Polynomials	Polynomials In Standard Form	9
Add, Subtract, Multiply, & Divide Radicals	Add & Subtract Linear Expressions	7
Add, Subtract, Multiply, & Divide Radicals	Simplify Radicals	9
Add, Subtract, Multiply, & Divide Radicals	Estimate Square Roots	8
Arithmetic Sequences	Function Rules	8
Arithmetic Sequences	Function Notation	9
Arithmetic Sequences	Define Functions	8
Average Rate of Change	Construct Functions	8
Average Rate of Change	Slope Given 2 Points	8
Compare Functions	Piecewise Functions	9
Compare Functions	Average Rate of Change	9
Complete the Square	Parabola Key Values from Graphs	9
Complete the Square	Solve Quadratics by Factoring	9
Complete the Square	Simplify Radicals	9
Compound Interest	Function Notation	9
Correlation Coefficient	Construct Functions	8
Correlation vs. Causation	Lines of Best Fit	8

Correlation vs. Causation	Construct Functions	8
Difference of 2 Squares	Expand Linear Expressions	7
Difference of 2 Squares	Laws of Exponents	8
Exponential Functions	Plot Linear Functions	8
Factor Polynomial Expressions	Factor Linear Expressions	7
Factor Polynomial Expressions	GCF of Polynomials	9
Factor Polynomial Expressions	Factor Quadratics	9
Factor Quadratics	Polynomials In Standard Form	9
Factor Trinomials with Leading Coefficient	Multiply & Divide Monomials	9
Factor Trinomials with Leading Coefficient	Multiply Polynomials	9
Function Notation	Define Functions	8
Function Notation	Evaluate Algebraic Expressions	6
GCF of Polynomials	Factor Linear Expressions	7
GCF of Polynomials	Laws of Exponents	8
GCF of Polynomials	Polynomials In Standard Form	9
Geometric Sequences	Function Rules	8
Graph Inequalities	Construct Functions	8
Graph Inequalities	Plot Linear Functions	8
Inverse Functions	Construct Functions	8
Inverse Functions	Function Notation	9
Linear & Quadratic Systems - Algebraic	Equations with Variables on Both Sides	8
Linear & Quadratic Systems - Algebraic	Solve Multi-Step Equations	8
Linear & Quadratic Systems - Graphs	Systems on Graphs	8
Linear & Quadratic Systems - Graphs	Parabola Key Values from Graphs	9

Linear & Quadratic Systems - Graphs	Plot Linear Functions	8
Linear vs. Exponential Situations	Slope & y-Intercept	8
Linear vs. Exponential Situations	Linear vs. Non-Linear Relationships	8
Literal Equations	Creating Expressions & Equations	7
Literal Equations	Solve Multi-Step Equations	8
Literal Equations	Add & Subtract Linear Expressions	7
Multi-Step Linear Inequalities	Write & Graph Inequalities	6
Multi-Step Linear Inequalities	Translate Algebraic Inequalities	7
Multiply & Divide Monomials	Negative Exponents	8
Multiply & Divide Monomials	Understand Exponents	6
Multiply Polynomials	Add & Subtract Polynomials	9
Multiply Polynomials	Expand Linear Expressions	7
Parabola Key Values from Equations	Function Notation	9
Parabolas in Vertex Form	Multiply Polynomials	9
Parabolas in Vertex Form	Complete the Square	9
Parallel Equations	Literal Equations	9
Parallel Equations	Point-Slope Equations	9
Parallel Equations	Slope Given Equation	9
Piecewise Functions	Function Notation	9
Piecewise Functions	Define Functions	8
Piecewise Functions	Plot Linear Functions	8
Point-Slope Equations	Literal Equations	9
Point-Slope Equations	Function Rules	8
Point-Slope Equations	Construct Functions	8

Quadratic Graphs	Plot Linear Functions	8
Quadratic Graphs	Function Notation	9
Quadratic Graphs	Define Functions	8
Quadratic Transformations	Quadratic Graphs	9
Rational Exponents	Estimate Square Roots	8
Rational Exponents	Laws of Exponents	8
Relative Frequencies	Interpret 2-Way Tables	8
Relative Frequencies	Represent Rational Numbers	7
Relative Frequencies	Find Percentages From Ratios	6
Represent Situations Algebraically	Creating Expressions & Equations	7
Represent Situations Algebraically	Translate Algebraic Inequalities	7
Represent Situations Algebraically	Variables & Expressions	6
Residuals	Construct Functions	8
Residuals	Lines of Best Fit	8
Simplify Radicals	Estimate Square Roots	8
Slope Given Equation	Literal Equations	9
Slope Given Equation	Point-Slope Equations	9
Solve Inequalities	Represent Situations Algebraically	9
Solve Inequalities	Equations with Variables on Both Sides	8
Solve Inequalities	Solve Multi-Step Equations	8
Solve Linear Equation Problems	Represent Situations Algebraically	9
Solve Linear Equation Problems	Creating Expressions & Equations	7
Solve Linear Equation Problems	Solving Equations Using the Distributive Property	7
Solve Quadratic Problems	Parabola Key Values from Graphs	9

Solve Quadratic Problems	Function Notation	9
Solve Quadratics by Factoring	Factor Linear Expressions	7
Solve Quadratics by Factoring	Add & Subtract Polynomials	9
Standard Deviation	Estimate Square Roots	8
Systems of Linear Inequalities	Graph Inequalities	9
Systems of Linear Inequalities	Systems on Graphs	8
Systems of Linear Inequalities	Construct Functions	8
5-Number Summaries & Box Plots	Represent Rational Numbers	7