



ALGEBRA I

Tested
Standards/Achors

ALGEBRAIC CONCEPTS AND SKILLS

A1.1: EXPRESSIONS, EQUATIONS, AND INEQUALITIES

A1.1.1: Understand and use the properties of exponents and radicals to simplify and perform operations with expressions.

A1.1.2: Solve linear equations and inequalities in one variable, including those with absolute value.

A1.1.3: Solve systems of linear equations and inequalities, both graphically and algebraically.

A1.2: FUNCTIONS AND THEIR PROPERTIES

A1.2.1: Understand the concept of a function and use function notation.

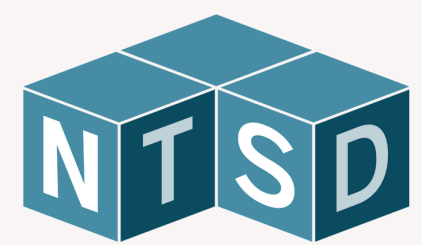
A1.2.2: Interpret and analyze linear functions and their graphs.

A1.2.3: Explore the relationship between functions and their inverses, including linear functions.

A1.3: MODELING WITH FUNCTIONS

A1.3.1: Use linear functions to model real-world situations and solve problems.

A1.3.2: Apply the concept of slope as a rate of change in various contexts.



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LINEAR EQUATIONS AND SYSTEMS

A1.4: SOLVING LINEAR EQUATIONS

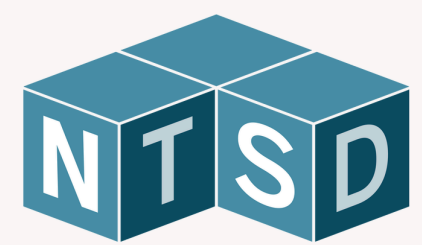
A1.4.1: Solve linear equations with one variable, including multi-step problems and those involving variables on both sides of the equation.

A1.4.2: Apply the properties of equality and inequality to solve problems.

A1.5: SYSTEMS OF LINEAR EQUATIONS AND INEQUALITIES

A1.5.1: Solve systems of linear equations using various methods (graphing, substitution, elimination).

A1.5.2: Analyze and interpret solutions of systems of linear inequalities.



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FUNCTIONS AND GRAPHS

A1.6: UNDERSTANDING FUNCTIONS

A1.6.1: Understand and use the properties of exponents and radicals to simplify and perform operations with expressions.

A1.6.2: Solve linear equations and inequalities in one variable, including those with absolute value.

A1.7: INTERPRETING AND ANALYZING FUNCTIONS

A1.7.1: Understand the concept of a function and use function notation.

A1.7.2: Interpret and analyze linear functions and their graphs.