Texas STAAR

High School Algebra I Essence Statements (2026)

Number and Algebraic Methods: The student will demonstrate an understanding of how to use algebraic methods to manipulate numbers, expressions, and equations.

Number and algebraic methods

10 The student applies the mathematical process standards and algebraic methods to rewrite in equivalent forms and perform operations on polynomial expressions. (Readiness and Supporting Standard) A.10

11 The student applies the mathematical process standards and algebraic methods to rewrite algebraic expressions into equivalent forms. (Readiness and Supporting Standard) A.11

Describing and Graphing Linear Functions, Equations, and Inequalities: The student will demonstrate an understanding of how to describe and graph linear functions, equations, and inequalities.

Linear functions, equations, and inequalities

3 The student applies the mathematical process standards when using graphs of linear functions, key features, and related transformations to represent in multiple ways and solve, with and without technology, equations, inequalities, and systems of equations. (Readiness and Supporting Standard) A.3

4 The student applies the mathematical process standards to formulate statistical relationships and evaluate their reasonableness based on realworld data. (Supporting Standard) A.4

Writing and Solving Linear Functions, Equations, and Inequalities: The student will demonstrate an understanding of how to write and solve linear functions, equations, and inequalities.

Linear functions, equations, and inequalities

2 The student applies the mathematical process standards when using properties of linear functions to write and represent in multiple ways, with and without technology, linear equations, inequalities, and systems of equations. (Readiness and Supporting Standard) A.2

5 The student applies the mathematical process standards to solve, with and without technology, linear equations and evaluate the reasonableness of their solutions. (Readiness and Supporting Standard) A.5

Quadratic Functions and Equations: The student will demonstrate an un de sol

Quadratic functions and equations

6 The student applies the mathematical process standards when using properties of quadratic functions to write and represent in multiple ways, with and without technology, quadratic equations. (Readiness and Supporting Standard) A.6

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functions and equations.	8 The student applies the mathematical process standards to solve, with and without technology, quadratic equations and evaluate the reasonableness of their solutions. The student formulates statistical relationships and evaluates their reasonableness based on real-world data. (Readiness and Supporting Standard) A.8 7 The student applies the mathematical process standards when using graphs of quadratic functions and their related transformations to represent in multiple ways and determine, with and without technology, the solutions to equations. (Readiness and Supporting Standard) A.7
Exponential Functions and Equations: The student will demonstrate an understanding of how to describe and write exponential functions and equations.	**Exponential functions and equations** 9 The student applies the mathematical process standards when using properties of exponential functions and their related transformations to write, graph, and represent in multiple ways exponential equations and evaluate, with and without technology, the reasonableness of their solutions. The student formulates statistical relationships and evaluates their reasonableness based on real-world data. (Readiness and Supporting Standard) A.9