

ASSESSMENT BLUEPRINT

Math Algebra I

This blueprint describes the content and structure of an assessment and defines the ideal percentage of operational test items by reporting category for the Tennessee Comprehensive Assessment Program (TCAP).

IDEAL
PERCENTAGE
OF ITEMS*

REPORTING CATEGORIES AND STANDARDS

24-28%

Structure and Operations

A1.N.Q.A	Quantities
A1.A.SSE.A	Seeing Structure in Expressions
A1.A.SSE.B	Seeing Structure in Expressions
A1.A.APR.A	Arithmetic with Polynomials and Rational Expressions
A1.A.APR.B	Arithmetic with Polynomials and Rational Expressions

29-33%

Equations and Inequalities

A1.A.REI.A	Reasoning with Equations and Inequalities
A1.A.REI.B	Reasoning with Equations and Inequalities
A1.A.REI.C	Reasoning with Equations and Inequalities
A1.A.REI.D	Reasoning with Equations and Inequalities
A1.A.CED.A	Creating Equations

38-42%

Functions and Interpreting Data

A1.F.IF.A	Interpreting Functions
A1.F.IF.B	Interpreting Functions
A1.F.IF.C	Interpreting Functions
A1.F.BF.A	Building Functions
A1.F.BF.B	Building Functions
A1.F.LE.A	Linear, Quadratic, and

A1.F.LE.B	Exponential Models Linear, Quadratic, and Exponential Models
A1.S.ID.A	Interpreting Categorical and Quantitative Data
A1.S.ID.B	Interpreting Categorical and Quantitative Data
A1.S.ID. C	Interpreting Categorical and Quantitative Data

53-64 Total Items (including embedded field test items)

* The ranges shown indicate % of operational items on the assessment and are not a reflection of score points.