

ASSESSMENT BLUEPRINT

EOC MATH

Integrated Math III

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

18-28% Structure and Operations

M3.N.Q.A	Quantities
M3.A.SSE.A	Seeing Structure in Expressions
M3.A.SSE.B	Seeing Structure in Expressions
M3.APR.A	Arithmetic with Polynomials and Rational Expressions
M3.APR.B	Arithmetic with Polynomials and Rational Expressions
M3.APR.C	Arithmetic with Polynomials and Rational Expressions

27-31% Equations and Inequalities

M3.CED.A	Creating Equations
M3.A.REI.A	Reasoning with Equations and Inequalities
M3.A.REI.B	Reasoning with Equations and Inequalities
M3.G.GPE.A	Expressing Geometric Properties with Equations
M3.G.GPE.B	Expressing Geometric Properties with Equations

13-15% Functions

M3.F.IF.A	Interpreting Functions
M3.F.IF.B	Interpreting Functions
M3.F.BF.A	Building Functions
M3.F.LE.A	Linear, Quadratic, and Exponential Models
M3.F.TF.A	Trigonometric Functions
M3.F.TF.B	Trigonometric Functions

24-27% Geometry and Interpreting Data

M3.G.CO.A	Congruence
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M3.G.C.A	Circles
M3.G.C.B	Circles
M3.G.MG.A	Modeling with Geometry
M3.S.ID.A	Interpret Categorical and Quantitative Data
M3.S.ID.B	Interpret Categorical and Quantitative Data
M3.S.IC.A	Making Inferences and Justifying Conclusions

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.