

SAT Math Syllabus 2026

Section Overview

The Math section assesses the ability to understand, apply, and solve mathematical problems. Calculators (including the built-in Desmos graphing calculator) are permitted throughout the section.

- Total Questions: 44
- Total Time: 70 minutes (two modules of 35 minutes each)
- Questions per module: 22 (20 operational + 2 pretest)
- Question types: Multiple choice (~75%) and Student-Produced Response (~25%)
- Score range for this section: 200–800
- Adaptive: Difficulty of Module 2 depends on performance in Module 1

Content Domains

Domain	Testing Area	Questions	Weightage
Algebra	Linear equations in 1 & 2 variables; Linear functions; Systems of 2 linear equations in 2 variables; Linear inequalities in 1 or 2 variables	13–15	~35%
Advanced Math	Equivalent expressions; Nonlinear functions; Systems of equations in 2 variables; Nonlinear equations in 1 variable (quadratic, exponential, polynomial, rational, radical, absolute value)	13–15	~35%
Problem-Solving and Data Analysis	Ratios, rates, proportions, unit conversions, percentages; 1- and 2-variable data (distributions, scatterplots, models); Probability and conditional probability; Inference, margin of error, statistical claims	5–7	~15%
Geometry and Trigonometry	Area and volume; Lines, angles, triangles (similarity, congruence); Circles (equations and arcs); Right triangles and basic trigonometry (sine, cosine, tangent); Coordinate geometry	5–7	~15%

Key Topics by Domain

Algebra (~35%)

- Linear equations in one variable
- Linear equations in two variables
- Linear functions
- Systems of two linear equations in two variables
- Linear inequalities in one or two variables

Advanced Math (~35%)

- Equivalent expressions
- Nonlinear equations in one variable
- Systems of equations in two variables
- Nonlinear functions (quadratic, exponential, polynomial, rational, radical, absolute value)

Problem-Solving and Data Analysis (~15%)

- Ratios, rates, proportional relationships, and units
- Percentages
- One-variable data: distributions and measures of centre and spread
- Two-variable data: models and scatterplots
- Probability and conditional probability
- Inference from sample statistics and margin of error
- Evaluating statistical claims (observational studies and experiments)

Geometry and Trigonometry (~15%)

- Area and volume formulas
- Lines, angles, and triangles (similarity, congruence)
- Circles (equations and arcs)
- Right triangles and basic trigonometry (sine, cosine, tangent)
- Coordinate geometry applications