

SAT STRUCTURE (MATH TEST)

The SAT Math Test is broken down into a calculator section and a no-calculator section. Questions across the sections consist of multiple-choice, student-produced response (grid-in), and more comprehensive Multi-Part questions.

	SAT Math: Calculator	SAT Math: No Calculator	SAT Math: TOTAL
Timing	55	25	80
Multiple Choice	30	15	45
Grid-in Answers (i.e. write-in)	8	5	13
TOTAL Questions	38	20	58

The SAT Math Test is divided into 4 content areas: Heart of Algebra, Problem-Solving and Data Analysis, Passport to Advanced Math, and Additional Topics in Math

	SAT Math: CONTENT AREA DISTRIBUTION
Heart of Algebra (19 questions)	Analyzing and fluently solving equations and systems of equations; creating expressions, equations, and inequalities to represent relationships between quantities and to solve problems; rearranging and interpreting formulas
Problem Solving & Data Analysis (17 questions)	Creating and analyzing relationships using ratios, proportions, percentages, and units; describing relationships shown graphically; summarizing qualitative and quantitative data
Passport to Advanced Math (16 questions)	Rewriting expressions using their structure; creating, analyzing, and fluently solving quadratic and higher-order equations; purposefully manipulating polynomials to solve problems
Additional Topics in Math (6 questions)	Making area and volume calculations in context; investigating lines, angles, triangles, and circles using theorems; and working with trigonometric functions

Note: A few math questions may look like something you'd expect to see on a science or history test. These "crossover" questions are designed to test your ability to use math in real-world scenarios. There are a total of 16 "crossover" questions that will contribute to sub-scores that span multiple tests. Eight of the questions will contribute to the Analysis in Science sub-score, and eight will contribute to the Analysis in History/Social Studies sub-scores.