

GRE Exam Pattern

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SAT Exam Maths Syllabus 2024

- The SAT exam Maths syllabus is almost identical to the high school topics. This section of the SAT includes a total of 44 questions. Through the SAT, the assessors evaluate candidates understanding of the topics they have already covered in their high school years. In India, High School is equivalent to Class 10. So a Class 10 student who has scored more than 90% or equivalent can easily score well in his/ her SAT.
- However, the students must practice regularly to understand the exam syllabus and pattern better. The SAT Exam Math Syllabus mainly covers 4 topics. These are [Algebra](#), Advanced Mathematics, Problem Solving and Data Analysis, and [Geometry](#) and [Trigonometry](#). The table below discusses the entire SAT exam maths syllabus in detail.

SAT Maths Sections	SAT Maths Sub-Sections	Weightage and No. of Questions
Algebra	• Linear functions • Linear equations in one variable • Linear equations in two variables • Systems of two linear equations in two variables • Linear inequalities in one or two variables	• Weightage – 35% • Questions – 13 to 15

Advanced Mathematics	• Non-linear function • Equivalent expressions • Nonlinear equations in one variable • Systems of equations in two variables	• Weightage – 35% • Questions – 13 to 15
Problem Solving and Data Analysis	• Percentage • Probability and Conditional Probability • Ration and Proportional, Rates • Relationships, and units • One-variable data: distributions and measures of centre and spread	• Weightage – 15% • Questions – 5 to 7

	• Two-variable data: models and scatterplots • Inference from sample statistics and margin of error • Evaluating statistical claims: observational studies and Experiments	
Geometry and Trigonometry	• Area and Volume • Circles, Lines, angles, and triangles • Right triangles and trigonometry	• Weightage – 15% • Questions – 5 to 7

SAT Maths Question Types

No-Calculator Portion

Time allotted	25 minutes
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Total questions	20
Multiple-choice questions	15
Grid-in questions	5

Calculator Portion

Time allotted	55 minutes
Total questions	38
Multiple-choice questions	30
Grid-in questions	8

SAT Maths Section

The Scholastic Assessment Test is quite similar to other standardized tests, like the GRE, ACT, etc. Before appearing for the SAT, students must have an understanding of the entire exam pattern, its sections and other important details. In this section, we will cover all the details of the SAT Maths section.

- The SAT Maths section covers a total of 44 questions.
- Candidates have to complete this section in 70 minutes (1 hour 10 minutes).
- The 44 questions will be divided into two modules of 22 each.
- Module 1 will cover 20 operational questions and 2 pretext questions, where the time duration is 35 minutes.
- Module 2 is also similar to module 1, with 20 operational questions and 2 pretext questions.
- The scoring in this section will range from 200 to 800.
- A score of 700 is considered good, and 700 to 580 is average.

