

# SAT Mathematics Level 1 Syllabus

[www.Larnedu.com](http://www.Larnedu.com)

## Topics for the test

### Number and operations (10%–14% of the test)

☐ Operations, ratio and proportion, complex numbers, counting, elementary number theory, matrices, and sequences.

### Algebra and functions (38%–42% of the test)

☐ Expressions, equations, inequalities, representation and modeling, properties of functions (linear, polynomial, rational, exponential)

### Geometry and measurement (38%–42% of the test)

Plane Euclidean (18%–22%) Coordinate Lines, parabolas, circles, symmetry, transformations (8%–12%) Three-dimensional Solids, surface area and volume (cylinders, cones, pyramids, spheres, prisms) (4%–6%) Trigonometry Right triangles, identities (6%–8%)

### Data analysis, statistics and probability (8%–12%)

☐ Mean, median, mode, range, interquartile range, graphs and plots, least squares regression (linear), probability

Visit [www.Larnedu.com](http://www.Larnedu.com) for  
more SAT syllabus.

Read our [privacy policy](#) and [Terms of service too](#).