

## TECHNICAL CHARACTERISTICS OF GEORGIA MATHEMATICS ASSESSMENTS

<b>Test</b>	<b>Test Type</b>	<b>Materials Examined</b>	<b>Time</b>	<b>Number of Items</b>	<b>Tools</b>	<b>Purpose</b>	<b>Content as Specified in Test Specifications</b>
Georgia High School Graduation Test (GHSGT)	state achievement	sample items	180 minutes	60 multiple choice	calculator	monitor student achievement toward state-approved content standards	number and computation (17 to 19%), data analysis (19 to 21%), measurement and geometry (32 to 34%), algebra (28 to 30%)
ACT	college admissions	full sample form	60 minutes	60 multiple choice	calculator	selection of students for higher education	pre-algebra (23%), plane geometry (23%), elementary algebra (17%) intermediate algebra (15%), coordinate geometry (15%), and trigonometry (7%)
SAT I	college admissions	full sample form	75 minutes	35 multiple choice; 15 quantitative comparison; 10 grid-in	calculator	selection of students for higher education	arithmetic (13%), algebra (35%), geometry (26%), and other (26%)
SAT II-level IC	college admissions	full sample form	60 minutes	50 multiple choice	calculator	selection of students for higher education	algebra (30%), geometry 38% (specifically, plane Euclidean (20%), coordinate (12%), and three-dimensional (6%)), trigonometry (8%), functions (12%), statistics and probability (6%), and miscellaneous (6%)

SAT II-level IIC college admissions full sample form 60 minutes 50 multiple choice calculator selection of students for higher education algebra (18%), geometry 20% (specifically, coordinate (12%) and three-dimensional (8%)), trigonometry (20%), functions (24%), statistics and probability (6%), and miscellaneous (12%)

COMPASS algebra college placement full sample form no time limit number of multiple choice items given depends on ability none assess student proficiency in algebra, intermediate algebra, and coordinate geometry algebra, intermediate algebra, coordinate geometry

COMPASS numerical skills/prealgebra college placement full sample form no time limit number of multiple choice items given depends on ability none assess proficiency in pre-algebra pre-algebra

Georgia Early Math Placement Test (GEMPT) college placement full sample form 45 minutes 32 multiple choice calculator assess current mathematics proficiency level in relation to college-level mathematics courses pre-algebra, elementary algebra, geometry, intermediate algebra

University of Georgia Math Placement Test (UOG Math placement test) college placement full sample form 45 minutes 26 multiple choice calculator placement of students into appropriate math course arithmetic, algebra, geometry, trigonometry (see <http://math.uga.edu/~curr/> placementtopics.html for complete list of topics)