

- The Math section includes both multiple-choice and free-response questions and is divided into 2 modules.
- The first module contains a broad mix of easy, medium, and hard questions. Based on how students perform on the first module, the second module of questions will either be more difficult or less difficult.
- Across each module, questions are arranged from easiest to hardest, allowing the best opportunity for the student to demonstrate what they know and can do.
- Questions from all four categories appear in each test module.
- Students have 70 minutes to complete the Math section
- Approximately 30% of Math questions are set in context. These in-context ("word") questions require you to consider a science, social studies, or real-world scenario and apply your math skills and knowledge, along with an understanding of the context, to determine the answer to each.

<b>Content Domain</b>	<b>Domain Description</b>	<b>Skill/Knowledge Testing Points</b>	<b>Question Distribution</b>
<b>Algebra</b>	Students will analyze, fluently solve, and create linear equations and inequalities as well as analyze and fluently solve systems of equations using multiple techniques.	<ul style="list-style-type: none"> <li>• Linear equations in 1 variable</li> <li>• Linear equations in 2 variables</li> <li>• Linear functions</li> <li>• Systems of 2 linear equations in 2 variables</li> <li>• Linear inequalities in 1 or 2 variables</li> </ul>	<p>13–15 questions</p> <p>≈35% of the questions</p>
<b>Advanced Math</b>	Students will demonstrate the skills central for progression to more advanced math courses, including analyzing, fluently solving, interpreting, and creating equations, including absolute value, quadratic, exponential, polynomial, rational, radical, and other nonlinear equations, and analyzing and fluently solving systems of linear and nonlinear equations in two variables.	<ul style="list-style-type: none"> <li>• Equivalent expressions</li> <li>• Nonlinear equations in 1 variable and systems of equations in 2 variables</li> <li>• Nonlinear functions</li> </ul>	<p>13–15 questions</p> <p>≈35% of the questions</p>
<b>Problem-Solving and Data Analysis</b>	Students will apply quantitative reasoning about ratios, rates, and proportional relationships; understand and apply unit rate; and analyze and interpret one- and two-variable data.	<ul style="list-style-type: none"> <li>• Ratios, rates, proportional relationships, and units</li> <li>• Percentages, 1-variable data: distributions and measures of center and spread</li> <li>• 2-variable data: models, scatterplots</li> <li>• Probability and conditional probability</li> <li>• Inference from sample statistics and margin of error</li> <li>• Evaluating statistical claims: observational studies, experiments</li> </ul>	<p>5–7 questions</p> <p>≈15% of the questions</p>
<b>Geometry and Trigonometry</b>	Students will solve problems that focus on perimeter, area, and volume; angles, triangles, and trigonometry; and circles.	<ul style="list-style-type: none"> <li>• Area and volume</li> <li>• Lines, angles, and triangles, including right triangles and trigonometry</li> <li>• Circles</li> </ul>	<p>5–7 questions</p> <p>≈15% of the questions</p>