



Next-Generation MCAS Mathematics Retest Information

This document describes the test designs, question types, and other information related to the next-generation MCAS mathematics retests. Retests will be administered twice a year in November and March.

Standards Assessed

The test assesses the standards that overlap between the Model Algebra I and Model Geometry courses and the Model Mathematics I and Model Mathematics II courses in the [2017 Massachusetts Mathematics Curriculum Framework](#). For example, the test does not assess standards MII.N.CN.A.1, MII.N.CN.A.2 or MII.N.CN.C.7 because they are not included in either the Model Algebra I or Model Geometry courses. Standards coded with a (+) symbol are not assessed on the MCAS.

Number of Sessions and Use of Calculators

The test has two sessions.

- In Session 1, no calculators are allowed.
- In Session 2, calculators are allowed

Question Types

The following table shows information about the question types on the test.

Question Type	Total Points
Multiple Choice <i>Students select one correct answer from among several answer options.</i>	1
Multiple Select <i>Students select more than one correct answer from among several answer options.</i>	1
Technology Enhanced <i>Students taking the computer-based tests answer questions using technology such as drag-and-drop and hot spot.</i>	1 or 2
Short Answer/Fill-in-the-Blank <i>Students construct a short written response, typically only a word or a number.</i>	1
Constructed Response <i>Students write a response to a multi-part item that includes calculations and explanations to a problem or set of problems.</i>	4

Test Design

Students will complete a range of question types as described above. Information about the number of questions by points is shown in the table below.

Number of 1- Point Questions	Number of 2-point Questions	Number of Constructed Response Questions	Total Points on Test
32	6	4	60

The following table shows the percentage of each reporting category on the test.

Reporting Category	Percentage (+/-5%)
Number & Quantity	15%
Algebra & Functions	35%
Geometry	35%
Statistics & Probability	15%