

Algebra

Maryland State Assessment (MSA) -Mathematics

This assessment measures specific objectives at each grade. This assessment is given in March. It is combined with the MSA for Reading and each grade takes 4 days to complete the assessment.

Website for Grade 6 Objectives

<http://www.mdk12.org/instruction/curriculum/mathematics/standard1/grade6.html>

Website for Grade 6 Sample Items

http://www.mdk12.org/instruction/assessment/sample_grade6_math.html

Website for Grade 7 Objectives

<http://www.mdk12.org/instruction/curriculum/mathematics/standard1/grade7.html>

Website for Grade 7 Sample Items

http://www.mdk12.org/instruction/assessment/sample_grade7_math.html

Website for Grade 8 Objectives

<http://www.mdk12.org/instruction/curriculum/mathematics/standard1/grade8.html>

Website for Grade 8 Sample Items

http://www.mdk12.org/instruction/assessment/sample_grade8_math.html

Maryland High School Assessment (HSA) – Algebra and Data Analysis

This assessment measures specific objectives upon completion of Algebra 1. This assessment is given in May (or in January for the high schools that are on a semester schedule). This assessment takes one day to complete. **Passing this assessment is a graduation requirement.** A graphing calculator, a Formula Reference Sheet, and a Scoring Tool, may be used for any question on this assessment.

Website for Algebra Objectives

http://www.mdk12.org/mspp/high_school/what_will/mathematics/mathematics_goals2001.pdf

Website for Algebra (HSA) Released Test Items

http://www.mdk12.org/mspp/high_school/look_like/algebra/intro.html

This assessment contains three types of questions: selected response, student produced response, and constructed response.

Selected response – multiple choice (1 minute per problem)

Students produced response – students work out a problem and grid in the correct answer (1-2 minutes per problem)

Constructed response – Brief Constructed Response (BCR). Students solve a problem and will need to explain how they determined their answer and/or justify their answer/procedure using mathematics. (About 5 minutes per problem)

Extended Constructed Response (ECR). Students, again, solve a problem. This problem will usually be more involved than a BCR. Students will need to explain how they determined their answer and/or justify their answer/procedure using mathematics. (About 5-8 minutes per problem).

Algebra 1 – Baltimore County Public Schools (BCPS)

Final Exam—Final examinations play an integral part of the regular school program, and it is important you understand the policy regarding them. Students are expected to be present for all regularly scheduled final examinations. Students who are legally absent from a final exam will be required to take a make-up examination between the last day of school and July 13. Final examinations will not be given before the date on which they are scheduled. The Baltimore County Board of Education states that exams will constitute 15% of the final grade. **If an examination is not made up after a legal absence, the student will be given an “E” for the examination.**