



Maryland Comprehensive Assessment Program

GEOMETRY

Date of Birth: 12/02/2012 ID: 8000000019 **Grade: 8**

Local Education Agency (LEA): PV E2E SCORING DST1

PV E2E SCORING DST1\_SCH1

MARYLAND

WINTER 2024

# Mathematics Assessment Report, 2024–2025

This report shows the level of proficiency attained by FIRSTNAME12 on the MCAP Assessment. The results from this summative assessment reflect a snapshot of your student's progress towards meeting the Maryland College and Career Readiness expectations. These results should be used with school and district level assessments to gauge your student's progress towards proficiency in mathematics.

## How Can You Use This Report?

Ask your student's teachers:

- What do you see as my student's academic strengths and areas for improvement?
- How will you use these test results to provide remediation or enrichment to my student during this academic year?
- How can I work with my student to support your efforts in improving my student's academic performance?

## MCAP Resources

For practice tests and additional resources pertaining to the MCAP Mathematics Assessments, please visit <https://www.marylandpublicschools.org/about/Pages/DAAIT/Assessment/MCAP/Math.aspx/>

## How Did FIRSTNAME12 Perform Overall?

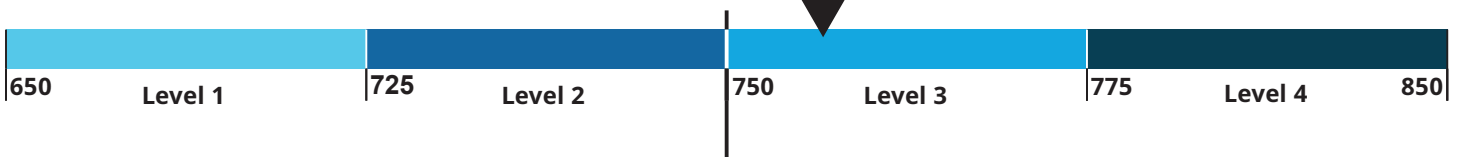
### Performance Level 3

The MCAP Performance Level Descriptors (PLDs) provide high-level descriptions of a student's ability to apply the knowledge and skills defined by the Maryland College and Career Ready Standards for Mathematics. See side two of this report for specific information on your student's performance in the area of mathematics.

- Level 4** Distinguished Learner
- Level 3** Proficient Learner
- Level 2** Developing Learner
- Level 1** Beginning Learner

Your student's score

756



School Average

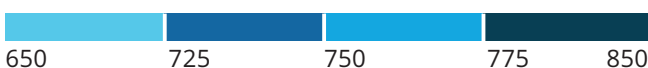
710

LEA Average

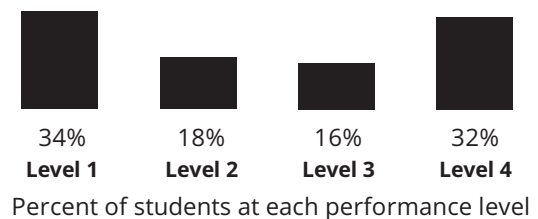
712

State Average

733



## How Students in Maryland Performed



The charts above allow you to compare your student's level of performance to other students who took the same assessment across the school, district, and state during the Winter administration.

 **CONTENT**




Your student performed about the same as other **Beginning Learners** who did not yet demonstrate proficiency of the grade level content. Students demonstrate proficiency of the course level content by solving problems involving conceptual understanding, procedural knowledge, and application of congruence, similarity, right triangles, trigonometry, circles, expressing geometric properties with equations, geometric measurements and geometric dimensions.

 **REASONING**

Your student performed about the same as other **Proficient or Distinguished Learners** who demonstrated proficiency or advanced proficiency of mathematical reasoning for this course or grade level. Students demonstrate understanding of mathematical reasoning by solving problems and providing solutions that exhibit an ability to reason mathematically based on the course or grade level content.

 **MODELING**

Your student performed about the same as other **Developing Learners** who demonstrated partial proficiency of mathematical modeling for this course or grade level. Students demonstrate proficiency of mathematical modeling by solving problems and providing solutions that exhibit the ability to apply the modeling process based on the course or grade level content.

<b>LEGEND</b>		
Your student performed about the same as:		
 <b>Distinguished or Proficient Learners</b>	 <b>Developing Learners</b>	 <b>Beginning Learners</b>

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**Mathematics Performance Level Descriptors (PLDs)**

**Level 4 Distinguished Learners:** *Distinguished Learners demonstrate advanced proficiency* in solving complex problems involving congruence, similarity, triangles, trigonometry, circles, geometric measurement, and geometric modeling, and demonstrates an ability to connect multiple grade-level concepts to conceptualize and apply mathematics to model, reason through, and solve problems efficiently, and relate mathematics to the real world. The students are well prepared for the next grade level or course and are well prepared for college and career readiness.

**Level 3 Proficient Learners:** *Proficient Learners demonstrate proficiency* in solving problems involving congruence, similarity, triangles, trigonometry, circles, geometric measurement, and geometric modeling, and demonstrates an ability to conceptualize and apply mathematics to model, reason through, and solve problems efficiently, and relate mathematics to the real world. The students are prepared for the next grade level or course and are on track for college and career readiness.

**Level 2 Developing Learners:** *Developing Learners demonstrate partial proficiency* in solving problems involving congruence, similarity, triangles, trigonometry, circles, geometric measurement, and geometric modeling, and may need some support in conceptualizing and applying mathematics to model, reason through, and solve problems efficiently, and in relating mathematics to the real world. The students need additional academic support to ensure success in the next grade level or course and to be on track for college and career readiness.

**Level 1 Beginning Learners:** *Beginning Learners do not yet demonstrate proficiency* in solving problems involving congruence, similarity, triangles, trigonometry, circles, geometric measurement, and geometric modeling where the required mathematics is either directly indicated or uses common grade level procedures, and typically needs support in conceptualizing and applying mathematics to model, reason through, and solve problems efficiently, and in relating mathematics to the real world. The students need substantial academic support to be prepared for the next grade level or course and to be on track for college and career readiness.