

**NAME:** Student DLM  
**DISTRICT:** DLM District  
**SCHOOL:** DLM School

**DISTRICT ID:** DLM District  
**STATE:** DLM State  
**STATE ID:** DLM State ID

## Overall Results

Students in Grade 10 mathematics are expected to be administered assessments covering 30 skills for 6 Essential Elements. Student mastered 7 skills during the year.

Overall, Student's mastery of mathematics fell into the second of four performance categories: **approaching the target**. The specific skills Student has and has not mastered can be found in Student's Learning Profile.

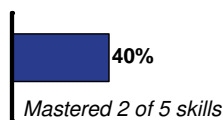


<b>EMERGING:</b>	The student demonstrates <b>emerging</b> understanding of and ability to apply content knowledge and skills represented by the Essential Elements.
<b>APPROACHING THE TARGET:</b>	The student's understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements is <b>approaching the target</b> .
<b>AT TARGET:</b>	The student's understanding of and ability to apply content knowledge and skills represented by the Essential Elements is <b>at target</b> .
<b>ADVANCED:</b>	The student demonstrates <b>advanced</b> understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements.

## Claim

Bar graphs summarize the percent of skills mastered by Claim. Claims consist of groups of related Essential Elements, or content standards. Not all students test on all skills due to availability of content at different levels per standard. More information about Student's mastery of skills by Claim is located in the Learning Profile.

M.C1: Number Sense: Students demonstrate increasingly complex understandings of number sense.



REPORT DATE: 01-21-2024  
SUBJECT: Mathematics  
GRADE: 10

Individual Student End-of-Year Report  
Performance Profile 2023-2024



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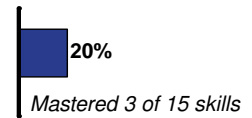
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Performance Profile, continued

M.C3: Measurement  
Data and Analysis:  
Students  
demonstrate  
increasingly complex  
understanding of  
measurement, data,  
and analytic  
procedures.



M.C4: Algebraic and  
Functional  
Reasoning: Students  
solve increasingly  
complex  
mathematical  
problems, making  
productive use of  
algebra and  
functions.



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## Individual Student End-of-Year Report Learning Profile 2023-2024



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Student's performance in 10<sup>th</sup> grade mathematics Essential Elements is summarized below. This information is based on all of the DLM tests Student took during the 2023–2024 school year. Grade 10 had 9 Essential Elements in 4 Claims available for instruction during the 2023–2024 school year. The minimum required number of Essential Elements for testing in 10<sup>th</sup> grade was 6, across at least 3 of the 4 Claims. Student was tested on 6 Essential Elements in 3 Claims.

Demonstrating mastery of a Level during the assessment assumes mastery of all prior Levels in the Essential Element. This table describes what skills your child demonstrated in the assessment and how those skills compare to grade level expectations.

Claim	Essential Element	Level Mastery				
		1 (Initial Precursor)	2 (Distal Precursor)	3 (Proximal Precursor)	4 (Target)	5 (Successor)
M.C1	M.EE.HS.S.CP.1-5	Arrange objects in pairs; compare and contrast objects	Classify objects	Recognize possible and impossible outcomes; explain simple events	Determine if two events are independent or dependent	Explain compound events
M.C2	M.EE.HS.G.CO.4-5	Recognize objects that are the same and objects that are different	Match congruent 2-D and 3-D shapes	Recognize transformations and congruent figures	Identify transformations and congruent figures	Use a sequence of transformations to describe congruence
M.C3	M.EE.HS.N.Q.1-3	Tell the number of objects in a set without counting	Round decimals to any place	Solve word problems with rational numbers	Report numerical answers to the appropriate decimal place (precision)	Solve multi-step word problems with rational numbers
M.C3	M.EE.HS.S.ID.1-2	Order objects; classify objects	Know bar/picture/line graphs and pie charts	Use bar graphs, line graphs, picture graphs, and pie charts to answer questions	Represent data and read graphs	Use graphs to make predictions and inferences

Levels mastered this year
  No evidence of mastery on this Essential Element
  Essential Element not tested

This report is intended to serve as one source of evidence in an instructional planning process. Results combine all item responses from the full academic year. Because your child may demonstrate knowledge and skills differently across settings, the estimated mastery results shown here may not fully represent what your child knows and can do. For more information, including resources, please visit <https://dynamiclearningmaps.org/states>.

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Claim	Essential Element	Level Mastery				
		1 (Initial Precursor)	2 (Distal Precursor)	3 (Proximal Precursor)	4 (Target)	5 (Successor)
M.C3	M.EE.HS.S.ID.4	Recognize attributes of an object	Classify objects	Know the number of observations for a data set	Calculate mean	Calculate mode or median
M.C4	M.EE.HS.A.CED.1	Combine and partition sets	Write equations involving different operations	Represent expressions and unknowns	Represent and solve real-world problems	Solve rational equations which include one variable
M.C4	M.EE.HS.A.CED.2-4	Combine and partition sets	Select equations involving different operations	Solve linear equations which include one variable	Solve linear inequalities; represent solutions of inequalities on a number line	Explain solutions to inequalities which include one variable
M.C4	M.EE.HS.A.REI.10-12	Arrange objects in pairs; order objects	Explain x- and y-coordinates; explain coordinate pairs	Recognize covariation and rate of change	Interpret the meaning of a point on the line of a graph	Solve real-world problems using graphs of linear functions
M.C4	M.EE.HS.F.BF.1	Arrange objects in pairs; order objects	Explain x- and y-coordinates; explain coordinate pairs	Know covariation, rate of change, linear graphs	Represent real-world problems as a graph	Solve real-world problems using graphs of linear functions

Levels mastered this year
  No evidence of mastery on this Essential Element
  Essential Element not tested