

2017–2018 Nova Scotia Assessment: Mathematics in Grade 8
Student Assessment Report



Name: [redacted] Provincial ID: [redacted] Birthdate: [redacted] (dd/mm/yyyy)
 School: [redacted] School Code: [redacted] School Board: [redacted]

About the Assessment

Grade 8 students wrote this assessment in June, 2018. Students completed a series of questions in each of the mathematics strands (number, patterns and relations, measurement and geometry, and statistics and probability). Questions were designed to assess how fully a student understands mathematics. Nova Scotia teachers worked with the Department of Education and Early Childhood Development to develop this assessment and to set the assessment expectation. The expectation is what students should know and be able to do on their own at the end of grade 8.

Mathematics Overall Results

The student demonstrated a mathematics performance of Level 3 on this assessment. Students at Level 3 can generally solve problems that involve several steps and may solve problems they have not seen before. They can correctly apply number operations (+, -, x, ÷) using integers, decimal numbers and fractions and can judge whether an answer makes sense. They can understand and use many math terms and symbols, including those at grade level.

There is a range of performance at each level. The dot below shows where the student's result is located in the range.

	Not enough evidence too few questions attempted	Level 1 below the expectation	Level 2 approaching the expectation	Level 3 at the expectation	Level 4 above the expectation
Mathematics Performance				●	

Note: the student attempted 76 out of 76 questions.

The table below shows how the student performed on the components of mathematics on this assessment. This information may guide teachers in looking further into the student's achievement on various components of mathematics.

Mathematics Components		may require further attention	at/above the expectation
Strands	Number		✓
	Patterns and Relations		✓
	Measurement and Geometry		✓
	Statistics and Probability		✓
Types of questions	Knowledge		✓
	Application		✓
	Analysis		✓

Next Steps

Parents, guardians, and teachers should review these results with the student's classroom work and discuss how they can work together to support student learning. For more information about the assessment, please visit the Student Assessment and Evaluation website at <http://plans.ednet.ns.ca>.