

2023-2024 Draft PEI Mathematics Curriculum - Grade 8

The following outcomes are accurate. The curriculum guide for this course is still relevant and includes important information for teachers. Teachers are reminded to reference this document for the outcomes when using the curriculum guide.

Outcomes	Curriculum Document Page
8.N3 Demonstrate an understanding of percents greater than or equal to 0%.	Curriculum Guide p. 24
8.N4 Demonstrate an understanding of ratio and rate.	Curriculum Guide p. 26
8.N5 (FL) Solve problems that involve rates, ratios and proportional reasoning.	Curriculum Guide p. 28
7.N5 (FL) Demonstrate an understanding of adding and subtracting positive fractions and mixed numbers with like and unlike denominators concretely, pictorially and symbolically. (2024-202525)	Gr. 7 Curriculum Guide p. 28
8.N6 (FL) Demonstrate an understanding of multiplying and dividing positive fractions and mixed numbers, concretely, pictorially and symbolically.	Curriculum Guide p. 30
8.N7 (FL) Demonstrate an understanding of multiplication and division of integers concretely, pictorially and symbolically. (2023-2024)	Curriculum Guide p. 32
8.PR1 (FL) Graph and analyze 2-variable linear relations.	Curriculum Guide p. 36
8.PR2 (FL) Model and solve problems using linear equations of the form: $ax = b; \frac{x}{a} = b, a \neq 0; ax + b = c; \frac{x}{a} + b = c, a \neq 0; a(x + b) = c$ concretely, pictorially and symbolically, where a, b and c are integers.	Curriculum Guide p. 38
8.SS2 Draw and construct nets for 3D objects.	Curriculum Guide p. 44
8.SS3 Determine the surface area of: right rectangular prisms; right triangular prisms; right cylinders to solve problems.	Curriculum Guide p. 46
8.SS4 Develop and apply formulas for determining the volume of right prisms and right cylinders.	Curriculum Guide p. 48
8.SP1 Critique ways in which data is presented.	Curriculum Guide p. 56
8.SP2 Solve problems involving the probability of independent events.	Curriculum Guide p. 58