

Math 9 – Fall 2021
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Resources:

- Math Makes Sense 9 Textbook
- Custom Course Notes and Worksheets

Required Student Materials:

- Scientific Calculator

Course Overview:

The Alberta Mathematics 9 curriculum is divided into 4 strands. The strands are:

1. Number
2. Shape and Space
3. Patterns and Relations
4. Statistics and Probability

The topics within these strands will be divided into 9 chapters.

Chapter 1 – Square Roots

Chapter 2 – Powers and Exponent Laws

Chapter 3 – Rational Numbers

Chapter 4 – Polynomials

Chapter 5 – Linear Equations and Inequalities

Chapter 6 – Relations

Chapter 7 – Similarity and Transformations

Chapter 8 – Circle Geometry and Surface Area

Chapter 9 – Probability and Statistics

Student Expectations:

As your instructor, it is my goal to help you achieve success, but you must be willing to put in the amount of work required to reach the standards set out by the province, and treat the course with immense seriousness. I am always willing to provide extra help, but **it is unrealistic to expect me to put more work into the course than you do.**

Education in Alberta aims to honour cultural diversity and promote intercultural understanding. Students are able to build on foundational knowledge about First Nations, Metis and Inuit peoples. The program of studies provides opportunities for students to develop a knowledge and understanding of, and respect for, the histories, cultures, languages, contributions, perspectives, experiences and contemporary contexts of First Nations, Metis and Inuit.

Grading Procedures:

Assessment for Learning Policy:

Formative assessments may be marked in class, and some may receive written constructive comments for improvement from the teacher. These will not count towards the course grade. It is expected that students complete all of these assignments.

Assessment of Learning Policy:

Major assignments, quizzes, and exams are all types of assessments that will be used in calculating a final grade for each student. All grades in the course are cumulative.

Grade Determination:

Term grade determination: Grade will be based upon evaluations conducted throughout the course. This portion of the grade will reflect the student's most consistent level of achievement throughout the course.

Final grade determination: Grade will be based on the accumulation of term grade evidence and a final examination written at the end of the course.

Grade Breakdown:

Assignments & Mental Math	10%
Quizzes	20%
Exams	50%
Final Exam	20%

Grading Policies:

- Reassessment:** Reassessments will happen only in extenuating circumstances, at the sole discretion of the teacher.
- Grade Challenges:** If there are mistakes with marking or totals on an exam, students are encouraged to bring these mistakes to the teacher's attention, but changes will only be made on the day the assessment is returned to a student.
- Secured Exams:** You are welcome to look at your old tests at any time within the classroom, but you are not permitted to take them out of the classroom or reproduce them in any way.

Cheating and Plagiarism:

Instances of academic dishonesty will result in a grade of zero being awarded for an assessment. In these cases, there will be no opportunities to redo the assessment.