

Midterm Exam Information
Grade 11 CST Mathematics

Exam Date and Time: Wednesday, January 28th from 9:30 to 11:30 am

Topic 1: Optimization

- Identifying inequalities from word problems
- Graphing inequalities
- Drawing the polygon of constraints
- Optimizing

Topic 2: Graph Theory

- Making a graph from a word problem
- Euler paths and circuits (and Hamilton)
- Weighted graphs
- Directed graphs
- Chromatic number

Format: Your exam will consist of 3 sections.

Section 1:	5 Multiple Choice Questions
Section 2:	3 Short Answer Questions
Section 3:	3 Long Answer Questions

You will have 2 hours to complete all questions. You are allowed to bring pencils, a ruler, a calculator and a memory aid.

The following is a review of topics that we have covered so far this year. You should make a memory aid written in a way that makes sense for YOU, with examples that you understand. **Everything on your memory aid must be written BY HAND.** No printed materials will be allowed into the exam.

We will do a PRACTICE EXAM in class **January 19, 20, 21** with exactly the same format and rules.