

MacDonald High School
Grade 11 FERMAT Math Contest

Date: Tuesday, February 24, 2015

Students: 29 total Grade 11 students in Mr. Boyd's Math Class and Dr. Rossy's Pre-Calculus class

Format: 25 multiple-choice questions, 60 minutes

Materials: Pencil, eraser and calculators permitted*

Location: The contest will be written in the cafeteria; students will be called down after morning announcements

Time: 9:15 am (PERIODS 1 and 2)

Supervisors: Mr. Boyd and Dr. Rossy

Refreshments: Milk and cookies

CALCULATOR DETAILS:

Calculators are allowed, with the following restriction: you may not use a device that has internet access, that can communicate with other devices, or that contains previously stored information. For example, you may not use a smartphone or a tablet.

Calculator

Contests with Full Solution Questions

While calculators may be used for numerical calculations, other mathematical steps must be shown and justified in your written solutions and specific marks may be allocated for these steps. For example, while your calculator might be able to find the x-intercepts of the graph of an equation like $y = x^3 - x$, you should show the algebraic steps that you used to find these numbers, rather than simply writing these numbers down.