



Mathematics Contest Centre

INFORMATION DOCUMENT 2007

To the contest manager

Re: "Lagrange and Euler preparatory test 2007"

A. You will find on this site:

1. A **blank response** form with the title "Mathematica", identical (except for the title) to the ones which are used for the Lagrange and Euler Contests. Download this form and make as many copies as you need, so that your students can write the 2007 preparatory test and learn how to properly fill out a response form. (Remember that these copies cannot be used for the Contests on **March 28, 2007**. Your students will use the response forms that will be sent to you. Each student registered for a contest will receive a response form corresponding to the contest that he is writing. The only reason you are doing these copies is to show your students how to properly fill out a response form).
2. The "Lagrange and Euler" **preparatory test 2007**, which your students can write to become familiar with multiple choice questions. Download this test and make as many copies as you need. (Remember that you are doing this to explain to your students the purpose of the preparatory test. The preparatory test defines the type of problems that appear in the actual contest.
3. The **answer key** for the "Lagrange and Euler preparatory test 2007". Download this answer key and make as many copies as you need.

B. How to fill out a response form properly:

Use an **HB pencil** for coding all parts of the form. Do not use a ball point pen or felt-tip marker.

In the box at the top part of the form, tell your students to **PRINT** their school's name in full as well as their city/town and province. To the right of the box, tell them to **PRINT** their date of birth and sign their name to certify that the answers given represent their own work.

In the box on the mid-left of the form, tell your students to **PRINT** their last and first names. Tell them to code each letter by filling in the appropriate circle under each letter. (If your last name is Mathews, first you code the letter M by filling in the circle containing the M right under the letter M of Mathews, then you code the A by filling in the circle containing the A right under the letter A of Mathews. Do this for every other letter of your last name and for each letter of your first name). If the last name of a student is hyphenated, for example Jones-Smith, or if his/her first name is hyphenated, like Carol-Ann, inform the student to simply write Jones Smith and Carol Ann.

The mid-right part of the form outlines important instructions which are a reminder of what to do to code the

response form correctly. The lower part of this box shows examples of incorrect coding. Remind your students to **completely** fill in each circle.

The box at the bottom of the form is made of circles which your students will fill in to record their answers to the questions. Again, tell them to fill each circle completely!

C. Last word:

Allow your students to write the preparatory test to be sure that they understand how to properly fill out the response form and to prepare them as to the type of problems that appear in the actual contests. It is important that your students do the problems intended for them (for Lagrange all of the problems, for Euler all of them, except # 25, 26, and 27). Download this document (Information document) and use it to prepare your students. They should know exactly what to do for the actual Contest on March 28, 2007.

I thank you, in advance, for your collaboration on this important matter.

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Director, Mathematics Contest Centre

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