

**First International Mathematical Olympiad  
“Formulo de Integreco”, 2012–2013**

Schoolchildren of grades 7–10 from Russia and students aged 13–16 from all over the world are invited to participate. Participation in the competition is free. Here is the first (correspondence) round of competition.

Please remember that your solution of every problem should include full reasoning, and not only the right answer.

We'll be happy if your friends who like mathematics also participate. However, every work should be done personally; otherwise, your paper will not be considered.

Please be careful with making up of your work, follow the rules and declare all necessary data. You need not include statements of problems into your paper; please write down your solutions only.

You can write your solutions by hand and scan it or type it using a text editor. Solutions should be written in Russian, English or Spanish; use of other languages should be agreed with Jury in advance.

Please start your paper with the following data:

- (1) Surname(s) and given name(s);
- (2) Country (region for Russian participants, autonomic community for Spanish participants);
- (3) City (township), school (college), grade;
- (4) Contact information: email, phone number or mail address;
- (5) From what source did you get to know of Olympiad?

Every work should be sent as individual message (not larger than 9Mb) containing your data and solutions of the problems as attached files (one or several). Acceptable file formats are: \*.txt, \*.odt, \*.doc, \*.rtf, \*.jpg, \*.pdf, \*.tif. Please repeat your personal data also in the body of message.

**The junior participants (13-14 years old) send their solutions to: [jun@formulo.org](mailto:jun@formulo.org).  
The senior participants (15-16 years old) send their solutions to: [sen@formulo.org](mailto:sen@formulo.org).  
Deadline for sending your solutions is November 15, 2012.**

All new information will be published at the Olympiad web page:

[http://www.euler-foundation.org/?page\\_id=501](http://www.euler-foundation.org/?page_id=501)

Further questions may be sent to the same email addresses with the Subject line “Question on Problem No...” or “Question on the rules”.

*GOOD LUCK!*

*Jury of Olympiad*