

V INTERNATIONAL MATHEMATICAL OLYMPIAD

"FORMULA OF UNITY" 2016/17



Formulo of Unity
International educational program
Contacts: +7 (981) 966-76-33, info@formulo.org

Olympiad 2016/17
In the academic year 2016/17 the first round of the Olympiad «Formulo of Unity» / «The Third Millennium» takes place from October 22 to November 18.

La Sociedad Andaluza de Educación Matemática Thales - Proyecto Estalmat Andalucía - en colaboración con el Instituto de Matemáticas de la Universidad de Sevilla y la Fundación Euler de San Petersburgo invita a los alumnos/as de IES y colegios de **Andalucía** a participar en la V **International Mathematical Olympiad “Formula de Unity”**

La olimpiada está dirigida a los escolares de:

5ºGRADO/11años/6PRIMARIA a 11ºGRADO/17 años /2Bach

Consta de dos fases:

- La primera fase (a distancia) tendrá lugar **del 22 de Octubre a 18 de Noviembre de 2016**. Los problemas serán publicados en <http://www.formulo.org/en/olimp/ol17/> el día 22 de octubre.

Se enviarán las soluciones de los problemas propuestos respectivamente y el formulario de inscripción a fdi.olympiad.es@gmail.com preferiblemente en inglés, ya que la segunda fase será el idioma obligatorio.

- La segunda fase (presencial) se llevará a cabo simultáneamente en muchas ciudades de Rusia y en otros países. Nuestras sedes serán en **Sevilla y Granada**. La fecha prevista será a finales de **enero de 2017** o **principio de febrero**.

Para cualquier duda podéis escribir a la dirección de correo electrónico

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In the academic year 2016/17 the first round of the Olympiad will take place from **October 22 to November 18**.

How to participate

The participants are supposed to be school students of grades equivalent to Russian grades 5–11 (11–17 years old). Those from countries with a different system of grades will be able to choose their sets of problems according to [the table of matching grades](#) (for some countries) or according to the age of students: Russian Grade 5 corresponds approximately to 2005 year of birth, grade 11 – to 1999.

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

We will 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 them or type them using a text editor. Solutions should be written in English. For anonymous grading, you should not write down your name on the paper sheets with solutions.

Before submitting your solutions, please fill in a questionnaire. (You can [download it in Excel format](#) if MS Excel is available. Otherwise, please copy [the questions](#) and add your answers in an .odt or a .txt file.)

The solutions should be submitted to the Jury before November 18.

Please send the file with your solutions and the filled-in questionnaire to fdi.olympiad.es@gmail.com

Please indicate your grade of participation (R5, ..., R11) in the Subject line.

The students from countries with the system of grades different from that in Russia have to determine what their “grade” is. The following table can be helpful.

“Grade” in the FdI Olympiad	Russia, Belarus, Kazakhstan, Romania, Tajikistan	Canada, Germany, Israel, USA	Spain	France	Ecuador	Other countries
R5	5	6	6° E.P.	CM2	7mo año de EGB	2004
R6	6	7	1° E.S.O.	6	8vo año de EGB	2003
R7	7	8	2° E.S.O.	5	9no año de EGB	2002
R8	8	9	3° E.S.O.	4	10mo año de EGB	2001
R9	9	10	4° E.S.O.	3	1er año de bachillerato	2000
R10	10	11	1° Bachillerato	2	2do año de bachillerato	1999
R11	11	12	2° Bachillerato	1	3er año de bachillerato	1998