

RULES
of the International Student Olympiad “RUDN Matholymp”
of the Federal State Autonomous Educational Institution of Higher Education
“Peoples' Friendship University of Russia named after Patrice Lumumba”
for the 2024/2025 academic year

Moscow, 2024

1. General

- 1.1. The Rules of the International Student Olympiad “RUDN Matholymp” of the Federal State Autonomous Educational Institution of Higher Education “Peoples' Friendship University of Russia named after Patrice Lumumba” for the 2024/2025 academic year (hereinafter referred to as the Rules; Olympiad; RUDN University) are developed in accordance with the Regulations on the International Student Olympiad “RUDN Matholymp” of the Federal State Autonomous Educational Institution of Higher Education “Peoples' Friendship University of Russia named after Patrice Lumumba” (hereinafter referred to as the Regulations) and determines the timing of the Olympiad, the procedure for registering participants in the Olympiad, the procedure for conducting each tour of the Olympiad, the procedure for considering appeals and the procedure determining the winners of the Olympiad.
- 1.2. The Rules are valid from the date of its approval until the end of the 2024/2025 academic year.
- 1.3. The 2024 Olympiad will be held on the following dates:
 - Registration: from September 9, 2024 to November 11, 2024;
 - Hosting of the Olympiad: from November 27, 2024 to December 1, 2024.
- 1.4. The Olympiad is held in one stage.
- 1.5. The Olympiad involves two rounds: individual and team:
 - The individual round takes place on November 28, 2024;
 - The team round is held on November 30, 2024.
- 1.6. Information support for the Olympiad is carried out by posting information on the official website of the Olympiad at math-olymp.rudn.ru (hereinafter referred to as the Olympiad website).

2. Registration of participants

- 2.1. Registration of participants is mandatory and is carried out by the group leader by filling out the registration form on the Olympiad website. By performing registration actions, the group leader confirms that he/she and the participants have read the Regulations and Rules of the Olympiad.
- 2.2. Only participants registered by the team leader are allowed to participate in the Olympiad.
Each University can present one team including four students and any

number of students for individual competition. Team member participate in individual competition too.

A mandatory condition for registration is the provision of consent to the processing of personal data of Olympiad participants and consent to the processing of personal data authorized by the subject of personal data for distribution (documents). Samples of these documents are published on the Olympiad website. Participants must fill out the documents according to the sample, sign them and provide them to the group leader, who attaches the above documents to the registration form.

- 2.3. The group leader is responsible for the completeness and accuracy of the registration data of the participants.
- 2.4. The group leader chooses one of the proposed formats for participation in the individual tour: direct presence of Olympiad participants or remote participation.
- 2.5. During registration, the group leader selects four participants whose results will be considered in the team round of the Olympiad.
- 2.6. After the registration is completed, the group leader receives an e-mail notification that the Organizing Committee has received the completed registration form.
- 2.7. After registration, interaction between the organizers of the Olympiad and the participants is carried out through the email of the group leader.
- 2.8. To promptly resolve technical problems, you must contact us by email: math_olymp@rudn.ru or by phone number listed on the Olympiad website.

3. The Rules of conducting an individual round of the Olympiad

- 3.1. The individual round is held in the direct presence of the Olympiad participants or in a remote format within the time limits established by clause 1.5. of these Rules.
- 3.2. Duration of the individual round is set by the Organizing Committee and communicated to the participants before the start of the round.
- 3.3. The procedure for conducting an individual round in the direct presence of Olympiad participants:
 - 3.3.1. The day of the round, time and place are published on the Olympiad website.
 - 3.3.2. Before the start of the round, participants are given assignments and answer forms.

The countdown of time begins from the moment when the participants received their assignments. Participants who arrive at the auditorium later than 30 minutes after the start of the Olympiad will not be allowed to

participate in the round.

- 3.3.3. Participants solve the problems independently.
- 3.3.4. During the whole time of completing the assignments, participants are prohibited to use mobile phones and other means of communication, calculators, and other computer equipment, as well as the reference books. Participants found to be using prohibited technical means and other violations of these Rules may be disqualified by decision of the Organizing Committee, with subsequent cancellation of their results.
- 3.3.5. Organizers of the Olympiad and observers should not comment on the conditions of the problems without agreeing the comment with the Organizing Committee.
- 3.3.6. Participants can leave the audience no later than an hour before the end of the individual round.
- 3.3.7. An Olympiad participant has the right to submit the work early and leave the audience.
- 3.3.8. At the end of the established time, participants hand over answer forms and drafts to the organizers.
- 3.4. The procedure for conducting an individual round in a remote format:
 - 3.4.1. An individual round in a remote format is conducted on the Microsoft Teams platform. No later than 24 hours in advance, technical instructions will be sent to the group leader at the email address specified during registration.
 - 3.4.2. Before the start of the round, the group leader receives the problems by email. The group leader distributes materials in printed format to the Olympiad participants.
 - 3.4.3. The countdown begins from the moment the participants received the problems, but no later than 15 minutes after the start of the face-to-face format of the individual round.
 - 3.4.4. Within 20 minutes after the end of the individual round of the Olympiad, participants scan their solutions and send them in one pdf-file to math_olymp@rudn.ru. The file with the work must be sent by each participant from his personal email specified by registration.
- 3.5. Solutions of each participant in the face-to-face and remote format is assigned an individual code that depersonalizes the work. The coding procedure is carried out to ensure an objective and independent assessment of the participants' work. After coding the works, the Organizing Committee submits the works to the Olympiad Jury for evaluation.
- 3.6. The Jury reviews the participants' works and announces preliminary results of the individual round, held in person, until 8.00 on November 30, 2024.
- 3.7. Preliminary results of the individual tour, held in the face-to-face format, are

published on the official website of the Olympiad until 8.00 on November 30, 2024. The results of an individual tour held in a remote format are published on the official website of the Olympiad no later than a week after the end of the Olympiad.

- 3.8. By decision of the Organizing Committee, the time for publication of results may be changed, while the deadline for filing an appeal is extended by the corresponding time.

4. The Rules of conducting the team round of the Olympiad

- 4.1. The team round, including the team competition and “Math Battle”, is held in the face-to-face format within the time limits established by clause 1 of these Rules.
- 4.2. The team competition involves summing up the results of the participants obtained in the individual round. The results of four participants specified by the group leader as members of the university team are taken into account.
- 4.3. Based on the results of the team scoring, the 4 teams ranked first 4 places in the rating list of teams are determined for further participation in “Math Battle”:
 - 4.3.1. “Math Battle” is a competition between teams in solving mathematical problems, followed by presentation of their solution and its defense to their opponent.
 - 4.3.2. “Math Battle” is held in 2 stages:
 - Semi-final: 4 teams are divided into pairs, of which, by decision of the Jury, 2 teams advance to the final;
 - Final: 2 teams participate, which, based on the results of their defenses, are awarded 1st and 2nd places, respectively.

5. Rules of filing and consideration of appeals

- 5.1. After publishing the results of an individual round on the official website of the Olympiad, participants have the right to submit an appeal within an hour after the publication of the results of the Olympiad.
- 5.2. The appeal is submitted by the group leader to the Organizing Committee of the Olympiad by sending a free-form application to math_olymp@rudn.ru.
- 5.3. The application for appeal is submitted in free form, indicating the problems for which the appeal is being filed.

The Organizing Committee considers the appeal application and submits it to the Jury, which, based on a re-examination of the work/part of the work,

makes a decision to change the participant's score, if necessary.

- 5.4. Appeal deadlines are published on the official website of the Olympiad.
- 5.5. The result of consideration of applications for appeal and re-examination of work is:
 - changing scores, if necessary;
 - adjustment of individual round results posted on the official website due to appeal.

6. Procedure for determining winners

- 6.1. The winners of the Olympiad are determined by the decision of the Jury separately for each round of the Olympiad, including “Math Battle”.
- 6.2. The number of winners of the individual round cannot exceed 50% of the participants in the Olympiad this year.
- 6.3. Participants of the Olympiad who were not included in the winners are awarded certificates of participation in the Olympiad.
- 6.4. The winners of the individual round, conducted in face-to-face and remote formats, depending on the points received, receive diplomas of 1, 2, 3 degrees.
 - 6.4.1. The scholarship payments are maintained for the entire period of study, subject to excellent and good academic performance of the student.
- 6.5. Based on the results of the individual round, held in face-to-face format, of the Olympiad, the first 3 winners who score the most points are awarded cash prizes in the amount of:
 - 1st place: 500 000 Russian rubles;
 - 2nd place: 300 000 Russian rubles;
 - 3rd place: 100 000 Russian rubles.
- 6.5.1. If participants in an individual round have equal points, the decision to select the winner is made by the Organizing Committee.
- 6.5.2. A cash prize shall be paid to this category of winners.
- 6.5.3. Participants in the Olympiad in a remote format cannot qualify for the one-time cash payments specified in clause 6.5.
- 6.5.4. To receive a cash prize, the winner must contact the Organizing Committee.
- 6.6. Based on the results of “Math Battle”, the first two teams recognized by the Jury as winners are awarded cash prizes in the amount of:
 - 1st place: 400 000 Russian rubles;
 - 2nd place: 200 000 Russian rubles.
- 6.7. Payments of cash prizes to the winners of the Olympiad are made net of taxes in accordance with the Tax Code of the Russian Federation.