



UNIVERSITY OF
CAMBRIDGE

Centre for Mathematical Sciences

13 March 2020



WHO

- **Teams of 5** students to represent their School in the Náboj competition
- The **Senior** category is primarily aimed at **6th Form Students** (Year 12/13) but younger students can also participate.
- The **Junior** category is open to students in Year 11 or below

WHAT

- **Náboj (Na-boy)** is an international mathematical competition
- Teams of 5 compete against each other locally, nationally and internationally
- Each team must solve **as many maths problems as they can in two hours**
- To solve the problems, students need mathematical ability, inventiveness, ingenuity but also **teamwork**
- At the beginning of the competition each team receives **six problems**. As soon as the team correctly solves any of the problems, it receives a new one. The solutions of the problems are usually numerical. The team that solves most problems correctly in the given time limit wins. Detailed rules can be found here <https://math.naboj.org/rules.php>
- The competition is **free** to enter



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WHY

- Opportunity to **test mathematical skills**, applying knowledge to solve a range of problems
- Meet and engage with **other mathematicians** from Schools and the University of Cambridge
- To develop cooperation and teamwork skills
- To improve **problem solving** skills (these skills are particularly valued for admissions at study Mathematics at Cambridge)
- **Fun and exciting competition** with local, national and international leaderboards
- Opportunity to come to the Centre for Mathematical Sciences at Cambridge and meet undergraduate and postgraduate students studying mathematics
- Be crowned as the Cambridge 2020 Náboj Champions
- **Prizes!**

WHERE

- Centre for Mathematical Sciences, University of Cambridge
www.maths.cam.ac.uk/about/contacts



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WHEN

- **Friday 13th March 2020** 10:30-12:30
- Online registration **opens 10th February and closes on 6th March.**
- On the day registration with refreshments will open at 9:30am
- Results and prize giving 1-1:30pm

HOW

- Online registration opens **10th February and closes on 6th March** at naboj.org
- Each school may register up to one Junior and up to one Senior team in the first round of registrations
- During the second round, which starts on 28th February, second and third teams from each School can be enrolled
- **School teams competing in Cambridge will need to be accompanied by a teacher**
- Queries/expression of interest can be sent to naboj@maths.cam.ac.uk
- See our local webpages for more details www.maths.cam.ac.uk/events/naboj
- To help teams prepare, examples of previous problems (with solutions) can be found here <https://math.naboj.org/archive.php>