

A Mid-Michigan Mathematical Olympiad

competition in solving mathematics problems
for students (Grades 5-12).



**The 2023 MidMichigan Olympiad will take
place on Sunday, May 7**

10 a.m. -- 1 p.m. in the
room B117 Wells Hall
Michigan State University Campus

Participation is free but [Preregistration is required](#). Please, use the following [registration link](#) to register your participation.

Thanks to all the participants!

[Participants' Handbook](#)

About the Olympiad

The *Olympiad* competition is an exam consisting of five challenging problems requiring only the mathematics appropriate for students' grade level. Participants are divided into three groups: Grades 5-6, Grades 7-9, and Grades 10-12 and given three hours to write solutions to these problems. Participation is free and open to all students interested in mathematics. Preregistration is required (Please, use the registration link above.) The top three winners in each group will get prizes.

Unfortunately there is no award ceremony this year. Solutions will be posted online with the list of competition winners. The awards will be mailed to the winners by US mail.

The problems given in previous years are posted below.

The Olympiad is conducted by the MSU Mathematics Department. You may contact [Michael Shapiro](#) or [Rajesh Kulkarni](#) with any questions, concerns, or remarks.

Students interested in the Olympiad may also be interested in the KidMath mathematical circle at Kinawa school (see info below).

Congratulations to the winners of the 2022 Mathematical Olympiad!

Grades 5-6:

First Place: Ella Jing, Henry Shen, Hongyi Tan
Second Place: Melissa Han
Third Place: Jocelyn Tan, Yichen Dong
Honorably mentioned: Anahita Jindal, Anthony Liu, Chaithanya Budida, Livia Wang and Zoe Chen

Grades 7-9:

First Place: Jonathan Kalt
Second Place: Aaron Liu
Third Place: Guhyun Jeong, Mahathi Mathiyazhagan
Honorably mentioned: Jing-Yi Hu

Grades 10-12:

First place: Peter Ahlin, Skyler Hamlin
Second Place: David Shen, Patrick Mallony
Third Place: Amy Liu, Suhas Pachipulusu
Honorably mentioned: Stephany Han

Problems from Past Olympiads

Problems of the 2002 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#).

Problems of the 2003 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#).

Problems of the 2004 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#).

Problems of the 2005 Olympiad for [all grades](#).

Problems of the 2006 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#).

Problems of the 2007 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#).

[Problems](#) of the 2008 Olympiad for all grades. [Solutions](#) for all grades.

Problems of the 2009 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)
Solutions of the 2009 Olympiad for [grades 5-6](#), for [grades 7-9](#)

Problems of the 2010 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)
Solutions of the 2010 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)

Problems of the 2012 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)
Solutions of the 2012 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)

Problems of the 2013 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)
Solutions of the 2013 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)

Problems of the 2014 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)
Solutions of the 2014 Olympiad for [all grades](#).

Problems of the 2015 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)
Solutions of the 2015 Olympiad for [all grades](#).

Problems of the 2017 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)
Solutions of the 2017 Olympiad for [all grades](#).

Problems of the 2018 Olympiad for [all grades](#).
Solutions of the 2018 Olympiad for [all grades](#).

Problems of the 2019 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)
Solutions of the 2019 Olympiad for [grades 5-6](#), for [grades 7-9](#), and for [grades 10-12](#)

Problems of the 2022 Olympiad for [all grades](#).
Solutions of the 2022 Olympiad for [all grades](#).

Monday Seminars

In addition to the Olympiad, the MSU Mathematics Department conducts free seminars for students in Grades 5--7. These meet Monday evenings 6--7:15 p.m. in Kinawa School. Everyone interested in mathematics is welcome!

Contact

The Mathematical Olympiad is organized by the Department of Mathematics at Michigan State University.

You may contact the organizers by phone at:

- Prof. Michael Shapiro, (517) 353-9248
- Prof. Rajesh Kulkarni (517) 353-8145