


## The 6th Annual Upper Peninsula High School


Northern Michigan University

Saturday, March 14, 2015

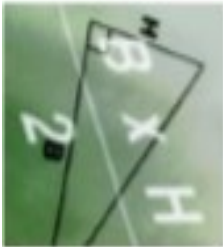
10:00 AM




Join the fun! Your students are invited to compete in the *6th Annual U.P. High School Math Challenge*. Teams consist of four students and each school may bring as many teams as it likes. If the number of interested students happens not to be divisible by four, or if you have fewer than four interested students, please register anyway; we can form hybrid teams comprised of interested students from more than one school.




Students will compete individually and as teams. Individual questions will be solved one at a time with relatively short time limits (approximately three or four minutes). Team questions will be distributed as a packet and will be worked on collectively by the entire team with a larger time limit (approximately 45 minutes). The team relay portion will be part of the challenge and will count toward the final score.



The questions will draw from topics covered in pre-calculus high school mathematics, including, but not limited to, algebra, logic, probability, series, plane and solid geometry, and plane trigonometry. While there will be an occasional question involving more advanced topics, such as trigonometry, the general focus will be on topics such as algebra, in order to encourage participation from high school students at all levels. The team questions may require a greater degree of insight into the solution than individual questions. You can visit <http://philos.nmu.edu/UPCHALLENGES> for a copy of last year's problems for an idea of what your students may expect.



Lunch will be provided. Prizes will be distributed at the awards assembly following the event.



There is no participation fee for this event. Enclosed is a team registration form. Please feel free to register as many teams as you like using one form for each team. Email ([kmclure@nmu.edu](mailto:kmclure@nmu.edu)), fax or mail the forms to Kristi McClure by February 19, 2015. Feel free to make copies if you wish to register more than one team.

**For more information, please refer to:**  
**<http://philos.nmu.edu/UPCHALLENGES>**  
**or contact Andy Poe <[apoe@nmu.edu](mailto:apoe@nmu.edu)>**

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- ◆ Students will compete individually and as teams of four
- ◆ There is NO participation fee for this event
- ◆ Prizes will be distributed at the awards assembly following the event
- ◆ We hope to hold this event in the new Jamrich Hall. Please visit the webpage below for up-to-date information on the location.
- ◆ For more information go to: <http://philos.nmu.edu/UPCHALLENGE5>
- ◆ or contact Andy Poe ([apoe@nmu.edu](mailto:apoe@nmu.edu))

To register send your completed registration form(s) one of three ways:

**Via fax to Kristi McClure at 906-227-2010**

**Via email to Kristi McClure at [kmclure@nmu.edu](mailto:kmclure@nmu.edu)**

**Via mail: Kristi McClure**

**NMU-Math and CS Department**

**1401 Presque Isle Avenue**

**Marquette, MI 49855**

\*A fillable form will be available on the Math and Computer Science website (<http://www.nmu.edu/mathandcomputerscience/node/56>)