

United States Mathematics Competitions – for OCC review

*Generally, registering for these contests is based on
the grade level of math at which the student works rather than age or enrolled grade of the student.*

NATIONAL ELEMENTARY SCHOOL COMPETITIONS (K-6)	
ABACUS International Math Challenge[7] (grades 3-8)	
American Math Challenge, incorporating the MATHCOUNTS Foundation Online Challenge [8] (ages 9 – 14)	
Continental Mathematics League[9] (grades 2 - 9, Calculus and Computer)	
Kumon Math Challenge[10] (grades 1-10)	
Mathnasium Triathlon [11] (grades 3-7)	
Math Kangaroo Competition[12] (grades 2-12)	
Math League (grades 4-12)	
Mathematical Olympiads for Elementary and Middle Schools (MOEMS) (grades 4-6 and 7-8)	
MathFax[13] (grades 3-12)	
MathWizz[14] (grades K-12)	
Monthly Math Challenge Problems[15] (grades K-2)	
Noetic Learning Math Contest[16] (grades 2-5)	
Online Math League[17] (grades 2-9)	
SBU Math Contest[18] (grades 3-8)	
The Math & Logic Contests[19] (grades 2-6)	
NATIONAL MIDDLE SCHOOL COMPETITIONS (gr 6-8)	
ABACUS International Math Challenge[20] (grades 3-8)	

American Math Challenge , incorporating the MATHCOUNTS Foundation Online Challenge [21] (ages 9–14)	
American Mathematics Contest 8 (AMC->8), formerly the American Junior High School Mathematics Examination (AJHSME)	
Continental Mathematics League [22] (grades 2 - 9, Calculus and Computer)	
Kumon Math Challenge [23] (grades 1-10)	
Math Kangaroo Competition [24] (grades 2-12)	
Math League (grades 4-12)	
MATHCOUNTS	
MathFax [25] (grades 3-12)	
Mathematical Olympiads for Elementary and Middle Schools (MOEMS)	
MathWizz [26] (grades K-12)	
Online Math League [27] (grades 2-9)	
Purple Comet! Math Meet [28]	
Rocket City Math League [29] (pre-algebra to calculus)	
SBU Math Contest [30] (grades 3-8)	
SIGMA http://sigmamathcontest.com [grades 6-9]	
United States of America Mathematical Talent Search (USAMTS)	
NATIONAL HIGH SCHOOL COMPETITIONS (GR 9-12)	
American Invitational Mathematics Examination (AIME)	
American Mathematics Contest 10 (AMC->10)	

American Mathematics Contest 12 (AMC->12), formerly the American High School Mathematics Examination (AHSME)	
American Regions Mathematics League (ARML)	
iTest	
Harvard-MIT Mathematics Tournament (HMMT)	
High School Mathematical Contest in Modeling [31] (HiMCM)	
Kumon Math Challenge [32] (grades 1-10)	
Mandelbrot Competition	
Math Kangaroo Competition [33] (grades 2-12)	
Math League (grades 4-12)	
MathFax [34] (grades 3-12)	
MathWizz [35] (grades K-12)	
Moody's Mega Math Challenge	
Mu Alpha Theta	
National Assessment & Testing	
Online Math League [36] (grades 2-12)	
Purple Comet Math Meet	
United States of America Mathematical Olympiad (USAMO)	
United States of America Mathematical Talent Search (USAMTS)	
Rocket City Math League [37] (pre-algebra to calculus)	
SkillsUSA Related Technical Math [38]	
SIGMA http://sigmamathcontest.com (Grades 6-9)	

NATIONAL COLLEGE COMPETITIONS	
<u>AMATYC Mathematics Contest</u>	
<u>Mathematical Contest in Modeling (MCM)</u>	
<u>William Lowell Putnam Mathematical Competition</u>	
Regional competitions	
<u>William Lowell Putnam Mathematical Competition — USA and Canada</u> (http://www.maa.org/awards/putnam.html)	
United States external links	
<u>K-12 US math contest lists and online resources</u>	
<u>Homeschool Math Contests: extensive, up to date lists of individual, local, and regional math contests for all students</u>	
<u>Art of Problem Solving Foundation math contest lists</u>	
<u>Tennessee University lists of mathematics competitions</u>	

National Math Contests: A Guide For Young Mathematicians

Math Olympiads Books

Elementary School Contests

Math Olympiads For Elementary and Middle School (MOEMS)	http://www.moems.org/
Noetic Learning Math Contests	http://www.noetic-learning.com/mathcontest
Math League	http://www.mathleague.com/contests.htm
Kumon Math Challenge	http://www.kumon.com/mathchallenge/default.asp?language=USA
Online Math Leagues	http://www.onlinemathleague.com/
Math Kangaroo	http://www.mathkangaroo.org/
Continental Math Leagues	http://www.continentalmathematicsleague.com/

Internet

[Noetic Learning Challenge Math - Problem Solving for the Gifted](#)

[Pacific Institute Math Contest Sample Problems](#)

[Math League Sample Problems](#)

[Elementary Brain Teaser](#)

[Math Challenge from Aunty](#)

[Math](#)

Middle School Contests

Mathcounts <http://mathcounts.org>

Math Olympiads For Elementary
and Middle School <http://www.moems.org/>

American Mathematics Exam <http://www.unl.edu/amc>

(AMC8)

Online Math League <http://www.onlinemathleague.com/>

Kumon Math Challenge <http://www.kumon.com/mathchallenge/default.asp?language=USA>

Internet [MathCounts Drills](#)

[Math Forum Problem Of the Week](#)

[Math Forum Math World](#)

[Math League Sample Problems](#)

[Math Kangaroo Past Problems](#)

High School Contests

American_Mathematical_Comp etitions
(AMC10, AMC12, AIME, and USAMO) <http://www.unl.edu/amc/whatswhat.html>

International Mathematical Olympiad

USA Mathematical Talent Search (USAMTS) <http://www.usamts.org/>

Math Kangaroo <http://www.mathkangaroo.org/>

Internet [Art of Problem Solving](#)
online classes, user forums, books, and many more

[International Mathematical Olympiad Past Problems](#)

[USA Mathematical Talent Search Past Problems](#)

[Past Problem Sets IMO, AMC, AIME](#)