

# Stanford Math Tournament 2023 Online

April 9, 2023



# Organizers

**Tournament Director:** Arpit Ranasaria

**Problem Writing Coordinator:** Katherine Yu

**Financial Officer:** Eric Gao

**Social Chair:** Victor Kolev

**Logistics:** Alice Zhu, Isaac Zhao, Ivan Ge, Javokhir Arifov, Lisa Liu, Matthew Ding, Nancy Jiang, Neil Rathi, Ramya Iyer, Ruosong Gao

# Test Coordinators

**Problem Writing Coordinator:** Katherine Yu

**General:** Ramya Iyer

**Algebra:** Alice Zhu

**Discrete:** Ethan Zhang

**Geometry:** Ramya Iyer

**Calculus:** Misha Ivkov, Neil Rathi

**Team:** Isaac Zhao

**Power:** Eric Gao

**Guts:** Ramya Iyer, Lisa Liu

# Problem Writers

Conor Kennedy

Eric Gao

Ethan Zhang

Isaac Zhao

Katherine Yu

Lisa Liu

Misha Ivkov

Praneeth Kolichala

Quanlin Chen

Ramya Iyer

Ruosong Gao

Victor Kolev

## General Test Honorable Mentions (Top 50%)

**001C** Lucas Lum

**003E** Runxi Li

**013B** Sohumi Uttamchandani

**013D** Ella Zheng

**013G** Brianna Su

**017D** Edward Ju

**018E** Henry Wang

**035F** Franklin Lee

**037H** Nicholas Ng

**045D** Ava Chen

**049B** Esther Lee

**049E** Katie Hu

**064C** Kelly Tai

**064F** Audrey Zheng

**068F** Jason Lin

**077B** Rayoon Kim

**077D** Rutvik Arora

**078D** Lillian Xia

**081H** Wilson St.Martin

**084F** Ziyue Jiang

**088B** Allan Zhou

**088D** Nathan Huang

**090D** Sajeesh Magesh

**103D** Thomas Xiao

**113F** Ethan Kuang

**113G** Athena Wu

**115A** Lucas Park

**115D** Kalina Li

**115E** Serj Petrossian

**122C** POK HONG LAM

## General Test Honorable Mentions (Top 50%)

<b>126H</b> Jason Lee	<b>158D</b> Akash Singh
<b>127B</b> Avery Liang	<b>162A</b> Hannah Ying
<b>129A</b> Shrey Vishen	<b>162B</b> Jonathan Sakunkoo
<b>137A</b> Praneel Mukherjee	<b>162E</b> Taran Ajith
<b>137E</b> Arnav Gupta	<b>166A</b> Kevin Ying
<b>144A</b> Muyuan Zhang	<b>166D</b> Tanish Shetty
<b>144B</b> Ryan Zhang	<b>166E</b> Ian Kim
<b>144C</b> Guanjie Zhao	<b>176D</b> Shengjie Wang
<b>144D</b> Kevin Yu	<b>180A</b> Jason Kim
<b>144E</b> Ethan Li	<b>182C</b> Rory Hu
<b>153F</b> Alex Herskovits	<b>182E</b> Cathrny Gao
<b>154G</b> Pratyush Neelakantan	<b>185C</b> Albert Wu
<b>156C</b> Zifan Zhao	<b>186A</b> Lisa Liu
<b>156E</b> Zifei Zhao	<b>186B</b> Michelle Han
<b>158C</b> Yagnik Chilamakuri	<b>188A</b> Meenakshi Nair

## General Test Honorable Mentions (Top 50%)

<b>188B</b> Brent Kong	<b>231G</b> Tracy Hu
<b>188F</b> Zheyuan Li	<b>236A</b> Aratrika Pal
<b>188H</b> Chintan Gharpure	<b>240E</b> Sruthi Manoj
<b>197C</b> Amey Bharambe	<b>243G</b> Sophie Rong
<b>199C</b> Ashmit Arasada	<b>245C</b> Rushil Yeole
<b>199E</b> Daniel Ji	<b>246A</b> Andrew Sun
<b>205C</b> Lydia Zhou	<b>254B</b> Terry Xie
<b>205D</b> Erika Kawakami	<b>255C</b> Jeeho Byun
<b>217E</b> Yehor Stadnyk	<b>255G</b> Eunbin Cho
<b>217F</b> Egor Filatov	<b>260F</b> Vincent Tran
<b>226A</b> Jae Hee Shin	<b>263D</b> Xinkai Guo
<b>226E</b> Joseph Wan	<b>267E</b> Neul Ha
<b>228G</b> HANXIANG YANG	<b>272B</b> Carolyn Cao
<b>229A</b> Amritraj Lamba	<b>272D</b> Sophia Jin
<b>229C</b> Aviral Dhingra	<b>274D</b> Grace Gao

# General Test Honorable Mentions (Top 50%)

**274G** Lori Qian



## General Test Distinguished HMs (Top 20%)

<b>001A</b> Andrew Shi	<b>060H</b> Sejun Park
<b>012D</b> Harini Venkatesh	<b>064G</b> Joseph Widjaja
<b>018B</b> Jett Mu	<b>075B</b> Jennifer Hu
<b>018C</b> Ravi Deshpande	<b>075C</b> Angela Ho
<b>018F</b> Alan Cheng	<b>075D</b> Edward Chen
<b>029A</b> Christopher Sakaliyski	<b>077A</b> Chenghao Hu
<b>029B</b> Hengrui Liang	<b>077C</b> Sunay Miduthuri
<b>029C</b> Ryan Bansal	<b>077G</b> Ryka Chopra
<b>029F</b> Asher Wu	<b>079F</b> Ryan Tang
<b>035G</b> Lisa Jin	<b>084C</b> Hangyu Liang
<b>045E</b> Matthew Yuan	<b>084E</b> Hanqin Gu
<b>049A</b> Siddharth Baasri	<b>094B</b> Leo Li
<b>060B</b> Aryan Shome	<b>108A</b> Samuel Lin
<b>060C</b> Kevin Li	<b>115B</b> Arman Ghasemi
<b>060E</b> Owen Xu	<b>116B</b> Iris Yan

## General Test Distinguished HMs (Top 20%)

**126D** Amritha Praveen

**137D** Rohan Matta

**145B** Yuanrui Zhao

**153C** Jas Kang

**154F** Abdd Sharma

**154H** Patricia Mao

**156D** Alexander Liu

**162F** Virat Varada

**166G** Aashita Mandiwal

**173C** Soumyadeep Bhattacharjee

**180G** Alexander Sun

**185G** Andrew Chai

**186C** Tina Gao

**187H** Nuoyi Feng

**188G** Lucas Wang

**190C** HOUJIE HE

**221F** Evan Tian

**226D** Jonathan Zeng

**243E** Lucas Wang

**247B** Patrick Du

**247D** Anthony Li

**247E** Benjamin Jiang

**263E** Ethan Qu

**267C** Yujun Lee

**275A** Tianyi Zhou

## General Test (Top Scores)

10. 247D, Anthony Li, BBMC-math Alpha, Bonnie Branch Math Circle (BBMC-Math.com), 18
9. 018F, Alan Cheng, Limitless NC, Limitless NC, 18
8. 029F, Asher Wu, AlphaStar SIGMA, AlphaStar Academy, 18
7. 145B, Yuanrui Zhao, Washington Rainier, Washington ARML, 19
6. 060C, Kevin Li, AlphaStar ZETA, AlphaStar Academy, 20
5. 075D, Edward Chen, Happy Math Club 1, Happy Math Club, 20
4. 029C, Ryan Bansal, AlphaStar SIGMA, AlphaStar Academy, 21
3. 029B, Hengrui Liang, AlphaStar SIGMA, AlphaStar Academy, 21
2. 084E, Hanqin Gu, Thinktown1, Thinktown2023, 22
1. 180G, Alexander Sun, TX Momentum Square, Momentum Learning, 23

## Algebra Test Honorable Mentions (Top 50%)

**001B** Haofang Zhu

**006B** Roger He

**006G** Renzo Larrea

**010D** William Xu

**012B** Swastika Deb

**021G** Tyawud Chirakarn

**024B** Parnia Dabbagh

**024D** Parsia Tajallaie

**029D** Jason Lee

**035D** Jocelyn Wang

**036A** Ian Lam

**036F** Ezekiel Fleissner-Kates

**037A** Victor Sarca

**037B** Tiger Li

**037F** Chris Fu

**046G** Robert Sun

**046H** Ryan Pascual

**050F** Nicholas Park

**050G** Joshua Im

**052B** Jingxuan Wang

**052D** Andrew Yao

**052E** Stanley Liu

**055A** Dean Hijjawi

**055D** Aaron Wang

**055F** Alex Liu

**057G** Katherine Liu

**057H** Aryan Bora

**059A** Eric Ding

**059C** Michael Luo

**059D** Austin Wang

## Algebra Test Honorable Mentions (Top 50%)

**059E** Jinu Lee

**059G** Kevin Qiu

**059H** Aurora Wang

**060G** Eddie Wang

**061G** Christopher Hartanto

**062A** Ines (Peiyun) Chang

**062B** Rachel Chung

**064B** Haresh Muralidharan

**070B** Anthony Cao

**074C** Maiya Qiu

**074D** Christina Lee

**074H** Juni Kim

**077E** Neil Kolekar

**079E** Wesley Wu

**084B** Zhiwu Wang

**088E** Joseph Zhang

**088F** Ruiqi Li

**090A** Eric Xiao

**090G** Aadith Muthukumar

**091A** Daniel Wang

**091B** Rishabh Mallidi

**091C** Matthew Xie

**091E** Nolan Jiang

**092A** Jaiden Li

**092F** Rishi Gujjar

**092G** Vincent Xu

**092H** Alex Tong

**094C** Sushanth Elangovan

**103A** Baixuan Chen

**108E** James Xiao

## Algebra Test Honorable Mentions (Top 50%)

**108F** Jake Hu

**111G** Michael Liu

**113E** Jeremy Wen

**114B** Raymond Feng

**114C** Qi Huang

**117B** HUIRAN ZHENG

**119A** Andy Lu

**119B** Vihaan Gupta

**119E** Harish Loghashankar

**119F** Timothy Wei

**119H** Kai Lum

**122E** HAOXIANG YE

**124D** RENXI DENG

**124E** CHENPENG FENG

**126A** Aren Emrikian

**126E** Paarth Saini

**126G** Deepnil Ray

**128C** Krish Seth

**128D** Shikhar Sehgal

**136B** Brandon Chan

**143A** Hariharan Senthilkumar

**145A** Reese Long

**149D** Sophia Xu

**152B** Ethan Lou

**152E** Jeremy Huang

**152H** Jayden Wang

**153B** Reza Pirbhai

**157C** Maria Mihai

**162C** Roy Chen

**167A** Marvin Gao

## Algebra Test Honorable Mentions (Top 50%)

**167D** Rui Jiang

**168B** Angie Huang

**172B** Aaron Wong

**177F** Xuzhou Ren

**178C** Samuel Kretzschmar

**178D** Ryan Niu

**180C** Saisneha Ghatti

**180E** Rohan Pavuluri

**180H** Emma Wu

**181B** Andrew Lin

**182F** Leo Zeng

**185B** Andrew Zagula

**185E** James Li

**187C** Hanzhang Liu

**187E** Junjie Zhang

**188C** Anuj Chordia

**199B** Ayush Bansal

**203B** Trevin Andrews

**203D** Peixi Jiang

**203E** Satyajit Kumar

**203G** Guanlin Yan

**203H** Josh Kim

**205E** Jack Li

**206A** Boyan Litchev

**206B** Derek Zhao

**206F** Andrew Zhao

**207G** Sigma Liu

**207H** Yeyin Zhu

**208A** Maksym Noroha

**208B** Vitaliy Kovtun

## Algebra Test Honorable Mentions (Top 50%)

**208C** Oleksii Malieiev

**208D** Darya Korotych

**208E** Veronika Ihnashkina

**208F** Mykhailo Sytnyk

**208G** Illia Volkov

**220B** Stephen Xie

**220E** Joshua Yang

**221C** Jeffrey Yin

**221H** Marina Lin

**225A** Michael Lu

**226F** Keyan Miao

**230B** Praniil Nagaraj

**231C** Yuuki Sawanoi

**240D** Manant Kochar

**240G** Roshan Amble

**241B** Christopher Cheng

**243D** Benjamin Liu

**247F** Albert Cao

**250B** Brian Lu

**250D** Nathan Jiang

**250E** Eugenie Cha

**253B** Feng Cheng He

**253E** Tim Zhang

**253F** Edouard Ji

**254A** Caden Ruan

**254C** Cyrus Ghane

**256E** Aarush Vailaya

**266A** Jiyun Guo

**266B** Sai Divyesh Tunguturu

**266C** Jeffrey Li



# Algebra Test Honorable Mentions (Top 50%)

**266E** Arsh Shah

**272E** Anna Deng

**274B** Tiffany Xue

**274F** Ashley Zhu

**275E** Ella Li

**275F** Athena Wang

**276A** Shaan Keole

**276E** Yoobin Cha

**276G** Victor Long

## Algebra Test Distinguished HMs (Top 20%)

**006A** Yusuf Sheikh

**006C** David Jin

**006E** Darsh Patel

**006H** Luis Fonseca

**028A** Eric Min

**029E** Christopher Bao

**044B** Cody Cheng

**045F** Sohil Rathi

**050A** Jiwu Jang

**052H** Elbert Ho

**057B** Alexander Jun

**057C** Arnav Adhikari

**057D** Channing Yang

**064A** Max Fang

**068C** Samuel Ren

**070C** Wilson Liu

**070D** Vishnu Mangipudi

**070E** Owen Xuan

**074E** Zongshu Wu

**074G** Honjar Xing

**075H** Edward Li

**079C** Yuxuan Xue

**084A** Kun-Ying Lee

**088G** Joshua Kou

**092E** Megan Zhang

**097G** Xianling Mu

**106A** Kai Wang

**111A** Jiahe Liu

**111E** Sahan Wijetunga

**113B** Raymond Gao

## Algebra Test Distinguished HMs (Top 20%)

**113C** Daniel Cai

**114A** Ishaan Desai

**114D** William Wu

**116H** Wilbert Chu

**122A** IAN MENG SI

**131A** Susie Lu

**136A** Henry Jiang

**136C** Michael Li

**136E** Jason Zhang

**136F** Brian Zhang

**145C** Tristan Kay

**145G** Nash Heo

**149A** Jeffrey Zhao

**149H** Benjamin Fu

**157E** Charles Ran

**167B** Ramez Ortiz

**167G** William Li

**168H** Matthew Chen

**177C** Yibo Zhang

**177E** Shrey Gupta

**177H** Aaron Hu

**180B** Ethan Yang

**180D** Andrew Shen

**180F** Ryan Chin

**185A** David Ji

**187B** Changxiu Ji

**187D** Qirui Mao

**187G** Xilong Lin

**190E** YUNLANG ZHENG

**196F** Aharshi Roy

## Algebra Test Distinguished HMs (Top 20%)

**199D** Niranjan Rao

**201C** Ansh Agarwal

**206E** Aidan Duncan

**207A** Kailin Yang

**207B** David Lee

**207C** Sophia Zhang

**207D** Yuji Wang

**207E** Yichen Xiao

**207F** Heyang Ni

**208H** Dmytro Lazarenko

**221A** Aiden Feyerherm

**221E** Kevin Xia

**221G** Aryan Raj

**227A** Kiran Reddy

**227E** Liam Reddy

**250C** Andrew Wen

**253C** Jihu You

**254D** Eddie Zhang

**256A** Sally Zhu

**256H** Stephen Xia

**262A** Anastasia Lee

**264A** ZHUOTING HAN

**264B** GANHONG WANG

**264C** ZEXING LI

**264D** KEYU WANG

**264H** SHAOGENG SUN

**266G** Advait Mopuri

**274A** Jaemin Kim

**274C** Steven Lou

**276B** Marcus Giorza

## Algebra Test (Top Scores)

10. 116H, Wilbert Chu, SMTeam 13, Stanford Math Tournament, 7
9. 136A, Henry Jiang, Motown All-Stars, Motown All-Stars, 7
8. 074E, Zongshu Wu, The Reciprocity Laws, Stanford OHS + Various, 7
7. 227E, Liam Reddy, Las Vegas Math Circle, Las Vegas Math Circle, 7
6. 057C, Arnav Adhikari, TX Momentum Circle, Momentum Learning, 8
5. 075H, Edward Li, Happy Math Club 1, Happy Math Club, 8
4. 177H, Aaron Hu, Florida Alligators, FLSAM, 8
3. 221G, Aryan Raj, BBMC-math Delta, Bonnie Branch Math Circle (BBMC-Math.com), 8
2. 190E, YUNLANG ZHENG, ASDAN 25, ASDAN China, 9
1. 207E, Yichen Xiao, PRISMS Falcons, Princeton International School of Math and Science, 9

## Calculus Test Honorable Mentions (Top 50%)

<b>006F</b> Yuhan Niu	<b>068D</b> Tanush Aggarwal
<b>010D</b> William Xu	<b>070G</b> Rohan Dhillon
<b>021G</b> Tyawud Chirakarn	<b>074F</b> Daniel Qiu
<b>035H</b> Hanyuan Liu	<b>075H</b> Edward Li
<b>036F</b> Ezekiel Fleissner-Kates	<b>076A</b> Rais Javed
<b>044A</b> Aberam Sriganesh	<b>076B</b> Syed Haider Ali Zaidi
<b>046A</b> Alan Duan	<b>076D</b> Fahad Mahmood Chaudhry
<b>046B</b> Satvik Kabbur	<b>076E</b> Danish Javed
<b>046E</b> Harini Thiagarajan	<b>076H</b> Muhammad Hamza Qasier
<b>052E</b> Stanley Liu	<b>077E</b> Neil Kolekar
<b>057A</b> Leo Yu	<b>084A</b> Kun-Ying Lee
<b>057E</b> Austin Chen	<b>092A</b> Jaiden Li
<b>059B</b> Param Thakkar	<b>092B</b> John Weng
<b>061G</b> Christopher Hartanto	<b>092D</b> Richard Chen
<b>064B</b> Haresh Muralidharan	
<b>064D</b> Avyukta Nagrath	

## Calculus Test Honorable Mentions (Top 50%)

**092E** Megan Zhang

**092H** Alex Tong

**095F** XIANTONG LI

**095G** ZICHENG TANG

**106A** Kai Wang

**108C** Aaron Tu

**114A** Ishaan Desai

**117A** YICHENG AI

**118C** Abhinav Gutha

**123B** Cyrus Lee

**126E** Paarth Saini

**128C** Krish Seth

**128D** Shikhar Sehgal

**149F** Aishwarya Agrawal

**149G** Aryan Agrawal

**153B** Reza Pirbhai

**153D** Tom Armes

**155D** JIAYI YANG

**157C** Maria Mihai

**157G** Darren Chu

**162C** Roy Chen

**167A** Marvin Gao

**167C** Jialai She

**172E** Ashrith Mandayam  
Athmaram

**178H** Garv Khurana

**188E** Rithik Vir

**190A** KEILEONG CHEN

**190D** Jerry Liu

**190F** GREEN TSZ HUEN YU

**201E** Zhining Lian

## Calculus Test Honorable Mentions (Top 50%)

**203C** Abishek Vinujudson

**203G** Guanlin Yan

**207D** Yuji Wang

**208A** Maksym Noroha

**208B** Vitaliy Kovtun

**208C** Oleksii Malieiev

**208E** Veronika Ihnashkina

**208F** Mykhailo Sytnyk

**208G** Illia Volkov

**208H** Dmytro Lazarenko

**215E** Cheng Liu

**220B** Stephen Xie

**226C** Matthew Lee

**227A** Kiran Reddy

**227D** Mark Fakler

**230B** Praniil Nagaraj

**231B** Carsten Yeung

**238A** Syed Moiz Ejaz

**238B** Wali Waqar

**238H** Huzaifa Altamash

**240G** Roshan Amble

**250E** Eugenie Cha

**250F** Sean He

**251C** Han Lin

**253C** Jihu You

**254C** Cyrus Ghane

**256C** Olivia Xu

**256D** Jacqueline Huang

**256H** Stephen Xia

**257F** Shravan Varadharajan



# Calculus Test Honorable Mentions (Top 50%)

**260B** Eli Perman

**264A** ZHUOTING HAN

**264B** GANHONG WANG

**264C** ZEXING LI

**264D** KEYU WANG

**264E** QIANKANG CHEN

**264F** JIAYE ZHANG

**264G** TIANYING ZHAN

**276A** Shaan Keole

**276D** Johnny Yu

## Calculus Test Distinguished HMs (Top 20%)

**006A** Yusuf Sheikh

**022B** FANCHEN SUN

**022C** YOUJIE SUN

**022D** ZIXIA JIANG

**022E** YOUWEI SUN

**022F** JINGWEI HUANG

**029E** Christopher Bao

**029G** Eddy Li

**036E** Patrick Lu

**052A** Skyler Le

**064A** Max Fang

**068G** Satvik Sivaraman

**074E** Zongshu Wu

**119D** Ganesh Sankar

**145D** Owen Zhang

**155B** YICHEN LIU

**155E** ENZE NIE

**155G** YUTING MAO

**167B** Ramez Ortiz

**177A** Kevin Liu

**177B** Karthik Vedula

**177G** Alexander Li

**180F** Ryan Chin

**188D** Sagnik Biswas

**190B** LINCOLN LIU

**203E** Satyajit Kumar

**227E** Liam Reddy

**250D** Nathan Jiang

**253F** Edouard Ji

**264H** SHAOGENG SUN

## Calculus Test (Top Scores)

10. 052A, Skyler Le, Lehigh Valley Team, Lehigh Valley Team, 6
9. 177G, Alexander Li, Florida Alligators, FLSAM, 6
8. 227E, Liam Reddy, Las Vegas Math Circle, Las Vegas Math Circle, 6
7. 074E, Zongshu Wu, The Reciprocity Laws, Stanford OHS + Various, 6
6. 006A, Yusuf Sheikh, Florida Citrus, FLSAM, 6
5. 155B, YICHEN LIU, ASDAN 1, ASDAN China, 7
4. 029E, Christopher Bao, AlphaStar SIGMA, AlphaStar Academy, 7
3. 190B, LINCOLN LIU, ASDAN 25, ASDAN China, 8
2. 177A, Kevin Liu, Florida Alligators, FLSAM, 8
1. 177B, Karthik Vedula, Florida Alligators, FLSAM, 8

## Discrete Test Honorable Mentions (Top 50%)

**006G** Renzo Larrea

**012C** Pranav Choudhary

**012E** Catherine Xu

**021A** Ananya Bezbaruah

**021C** Anish Deshpande

**021D** Noel Prince Muthuplakal

**021F** Onkit Samanta

**024C** Helia Tajabadi

**028B** William Du

**028C** Vincent Wang

**029D** Jason Lee

**029G** Eddy Li

**029H** Elena Baskakova

**035A** Vishrut Goyal

**035B** Liran Zhou

**037A** Victor Sarca

**037B** Tiger Li

**037D** Raymond Ouyang

**037F** Chris Fu

**044E** Samuel Xiao

**045F** Sohil Rathi

**046D** Kevin Yang

**046G** Robert Sun

**050D** Alice Kim

**050E** Jungwoo Lee

**050F** Nicholas Park

**050G** Joshua Im

**052B** Jingxuan Wang

**052F** Christopher Qiu

**055A** Dean Hijjawi

## Discrete Test Honorable Mentions (Top 50%)

**055D** Aaron Wang

**057B** Alexander Jun

**057H** Aryan Bora

**060G** Eddie Wang

**064E** Helen Mao

**064H** Edward Mei

**068G** Satvik Sivaraman

**070D** Vishnu Mangipudi

**070E** Owen Xuan

**070G** Rohan Dhillon

**075A** Sebastian Chase

**081A** Matthew Drollinger

**090E** Divij Muthu

**091E** Nolan Jiang

**094D** Nikhil Reddy

**094E** Mckinley Xie

**098D** HEI CHIT LEONG

**103A** Baixuan Chen

**111B** Brendon Jiang

**111G** Michael Liu

**113D** Bryan Li

**114C** Qi Huang

**114D** William Wu

**119B** Vihaan Gupta

**136D** Shaohuan Zhang

**136G** Shreyas Shrivastava

**145F** Lucas Tang

**148A** Vanesa Kalinkova

**148C** Demira Nedeva

**148G** Teya Chobanova

## Discrete Test Honorable Mentions (Top 50%)

**149A** Jeffrey Zhao  
**149B** Matthias Kim  
**149H** Benjamin Fu  
**152A** Shruti Arun  
**168C** Henry Zheng  
**168D** Sneha Kundu  
**168E** Andrew Zhang  
**168G** Kaining Zhang  
**172D** Michael Cai  
**178C** Samuel Kretzschmar  
**178G** Bridget Keel  
**178H** Garv Khurana  
**180B** Ethan Yang  
**180E** Rohan Pavuluri  
**182D** Benjamin Zhang

**185A** David Ji  
**185E** James Li  
**186E** Anlan Xu  
**187B** Changxiu Ji  
**187C** Hanzhang Liu  
**187F** Tian Hao  
**188D** Sagnik Biswas  
**190B** LINCOLN LIU  
**190D** Jerry Liu  
**190E** YUNLANG ZHENG  
**199B** Ayush Bansal  
**199D** Niranjana Rao  
**206A** Boyan Litchev  
**206C** Muztaba Syed  
**207G** Sigma Liu

## Discrete Test Honorable Mentions (Top 50%)

**207H** Yeyin Zhu

**210A** Joshua Khohayting

**210B** Jacob Khohayting

**221C** Jeffrey Yin

**221D** Sargam Mondal

**231D** Anna Li

**238B** Wali Waqar

**238H** Huzaifa Altamash

**241B** Christopher Cheng

**241F** Alexander Duncan

**243D** Benjamin Liu

**250C** Andrew Wen

**250F** Sean He

**253E** Tim Zhang

**256A** Sally Zhu

**256B** Emma Gao

**256D** Jacqueline Huang

**256E** Aarush Vailaya

**261A** Gracelynne Hao

**266B** Sai Divyesh Tunguturu

**266F** Monish Jonnadula

**274F** Ashley Zhu

**275E** Ella Li

**276C** Royce Yao

**276E** Yoobin Cha

## Discrete Test Distinguished HMs (Top 20%)

**006B** Roger He

**006C** David Jin

**012A** Alex Zhao

**024B** Parnia Dabbagh

**024E** Parsa Saberi

**035E** Weijie-Jay Li

**052A** Skyler Le

**052C** Brandon Cai

**055G** Luke Holt

**068C** Samuel Ren

**070C** Wilson Liu

**074D** Christina Lee

**075E** Ray Zhao

**081C** Zachary Klein

**088G** Joshua Kou

**092F** Rishi Gujjar

**111A** Jiahe Liu

**111E** Sahan Wijetunga

**116H** Wilbert Chu

**119C** Aiden Jeong

**136A** Henry Jiang

**136C** Michael Li

**136E** Jason Zhang

**145A** Reese Long

**145C** Tristan Kay

**145D** Owen Zhang

**145E** William Feng

**152E** Jeremy Huang

**152G** Srinivas Arun

**152H** Jayden Wang



## Discrete Test Distinguished HMs (Top 20%)

**157E** Charles Ran

**157F** Daniel Chen

**167E** Aaryan Vaishya

**167H** Katie He

**177A** Kevin Liu

**177D** Andrew Xing

**177E** Shrey Gupta

**201C** Ansh Agarwal

**206D** William Hua

**206E** Aidan Duncan

**206F** Andrew Zhao

**207A** Kailin Yang

**207E** Yichen Xiao

**220E** Joshua Yang

**221A** Aiden Feyerherm

**221B** Alex Zhu

**221G** Aryan Raj

**221H** Marina Lin

**241C** Adam Ge

**241D** Selena Ge

**241E** Sally Wang

**255A** Ethan Lee

**266E** Arsh Shah

**266G** Advaith Mopuri

**274E** Brandon Lou

**276B** Marcus Giorza

**276F** Owen Zhou

**276G** Victor Long

## Discrete Test (Top Scores)

10. 136C, Michael Li, Motown All-Stars, Motown All-Stars, 6
9. 136E, Jason Zhang, Motown All-Stars, Motown All-Stars, 6
8. 075E, Ray Zhao, Happy Math Club 1, Happy Math Club, 6
7. 116H, Wilbert Chu, SMTeam 13, Stanford Math Tournament, 6
6. 207E, Yichen Xiao, PRISMS Falcons, Princeton International School of Math and Science, 6
5. 052A, Skyler Le, Lehigh Valley Team, Lehigh Valley Team, 6
4. 136A, Henry Jiang, Motown All-Stars, Motown All-Stars, 6
3. 012A, Alex Zhao, Athemath Owls, Athemath, 7
2. 206F, Andrew Zhao, Lexington Alpha, Lexington HS, 7
1. 241D, Selena Ge, Jonas Clarke MS, Jonas Clarke MS, 7

## Geometry Test Honorable Mentions (Top 50%)

**003A** Jingru Wu

**006F** Yuhan Niu

**006H** Luis Fonseca

**018A** Leo Yang

**021A** Ananya Bezbaruah

**024C** Helia Tajabadi

**024D** Parsia Tajallaie

**028A** Eric Min

**034E** David Sun

**035D** Jocelyn Wang

**035H** Hanyuan Liu

**046D** Kevin Yang

**049D** Antonio Lee

**055C** Mingchuan Cheng

**055E** Sophie Zheng

**057F** Tina Li

**059A** Eric Ding

**059C** Michael Luo

**068A** Shihan Kanungo

**070B** Anthony Cao

**074C** Maiya Qiu

**074G** Honjar Xing

**084B** Zhiwu Wang

**088E** Joseph Zhang

**090B** Ryan Lee

**095H** TINGTING YANG

**098E** JIA HAO LIANG

**103E** Nathan Chan

**105B** XINRAN ZHANG

**113A** Kyros Wu

## Geometry Test Honorable Mentions (Top 50%)

**113D** Bryan Li

**114B** Raymond Feng

**114E** Naveen Karun

**116F** Alexander Huang

**118F** Amlan Abhidarshi

**119F** Timothy Wei

**127A** Jason Yao

**127D** Keane Qu

**136B** Brandon Chan

**145E** William Feng

**148A** Vanesa Kalinkova

**149D** Sophia Xu

**149F** Aishwarya Agrawal

**152B** Ethan Lou

**166C** Jonathan Wu

**167C** Jialai She

**167E** Aaryan Vaishya

**168B** Angie Huang

**168C** Henry Zheng

**168D** Sneha Kundu

**168G** Kaining Zhang

**173D** Benjamin Song

**177D** Andrew Xing

**178D** Ryan Niu

**178G** Bridget Keel

**181B** Andrew Lin

**186D** Rebecca Wang

**187E** Junjie Zhang

**201A** Jerry Yang

**201B** Alexander Zhang

## Geometry Test Honorable Mentions (Top 50%)

**203H** Josh Kim

**205E** Jack Li

**221B** Alex Zhu

**227B** Sastha Ram

**227H** Dev Saxena

**230E** Ethan Yan

**238F** Asad Shahab

**240A** Albert Li

**241A** Sylvia Lee

**247F** Albert Cao

**253D** Minyuan Wu

**254A** Caden Ruan

**256G** Ethan Liu

**266D** Eric Zhu

**274A** Jaemin Kim

**274B** Tiffany Xue

**275F** Athena Wang

## Geometry Test Distinguished HMs (Top 20%)

**001B** Haofang Zhu

**012A** Alex Zhao

**012E** Catherine Xu

**021F** Onkit Samanta

**028G** Michael Zhao

**029H** Elena Baskakova

**035B** Liran Zhou

**035E** Weijie-Jay Li

**036E** Patrick Lu

**044B** Cody Cheng

**044E** Samuel Xiao

**046A** Alan Duan

**050A** Jiwu Jang

**052C** Brandon Cai

**052F** Christopher Qiu

**052H** Elbert Ho

**055H** David Zhang

**057A** Leo Yu

**057C** Arnav Adhikari

**057D** Channing Yang

**057G** Katherine Liu

**059D** Austin Wang

**059F** Ethan Lu

**064E** Helen Mao

**064H** Edward Mei

**074H** Juni Kim

**075A** Sebastian Chase

**075E** Ray Zhao

**079C** Yuxuan Xue

**091A** Daniel Wang

## Geometry Test Distinguished HMs (Top 20%)

**113B** Raymond Gao

**113C** Daniel Cai

**119A** Andy Lu

**119C** Aiden Jeong

**119E** Harish Loghashankar

**119G** Seabert Mao

**131A** Susie Lu

**136D** Shaohuan Zhang

**136F** Brian Zhang

**145F** Lucas Tang

**149B** Matthias Kim

**152A** Shruti Arun

**152C** Abhinav Krishna

**152F** Ari Wang

**152G** Srinivas Arun

**157D** Sabrina Yu

**157F** Daniel Chen

**167F** Jeffrey Yu

**167H** Katie He

**168E** Andrew Zhang

**168H** Matthew Chen

**177B** Karthik Vedula

**177C** Yibo Zhang

**177F** Xuzhou Ren

**177G** Alexander Li

**177H** Aaron Hu

**180D** Andrew Shen

**182D** Benjamin Zhang

**182F** Leo Zeng

**185F** Aaron Li

## Geometry Test Distinguished HMs (Top 20%)

**186E** Anlan Xu

**206B** Derek Zhao

**206C** Muztaba Syed

**206D** William Hua

**207B** David Lee

**207C** Sophia Zhang

**207F** Heyang Ni

**210B** Jacob Khohayting

**225A** Michael Lu

**241C** Adam Ge

**241D** Selena Ge

**255A** Ethan Lee

**256C** Olivia Xu

**274C** Steven Lou

**274E** Brandon Lou

**276F** Owen Zhou



## Geometry Test (Top Scores)

10. 225A, Michael Lu, TBC Penguins, TBC Penguins, 7
9. 057C, Arnab Adhikari, TX Momentum Circle, Momentum Learning, 7
8. 207B, David Lee, PRISMS Falcons, Princeton International School of Math and Science, 7
7. 241D, Selena Ge, Jonas Clarke MS, Jonas Clarke MS, 7
6. 145F, Lucas Tang, Washington Rainier, Washington ARML, 8
5. 207C, Sophia Zhang, PRISMS Falcons, Princeton International School of Math and Science, 8
4. 057D, Channing Yang, TX Momentum Circle, Momentum Learning, 8
3. 052F, Christopher Qiu, Lehigh Valley Team, Lehigh Valley Team, 8
2. 177G, Alexander Li, Florida Alligators, FLSAM, 8
1. 177B, Karthik Vedula, Florida Alligators, FLSAM, 10

## Power Round (Top Scores)

10. Team 057, TX Momentum Circle, Momentum Learning, 72.5
8. Team 276, Desert Storms, Desert Storms, 73
8. Team 052, Lehigh Valley Team, Lehigh Valley Team, 73
7. Team 157, name tbd, Math et al, 74
5. Team 152, Colorado Mathletes, Colorado Mathletes, 75
5. Team 111, Baby Yoda Math Team, Baby Yoda Math Group, 75
4. Team 136, Motown All-Stars, Motown All-Stars, 77
3. Team 145, Washington Rainier, Washington ARML, 80
2. Team 256, Harker Eagles Omega, The Harker School, 91
1. Team 207, PRISMS Falcons, Princeton International School of Math and Science, 108

## Team Round (Top Scores)

- 8. Team 227, Las Vegas Math Circle, Las Vegas Math Circle, 11
- 8. Team 221, BBMC-math Delta, Bonnie Branch Math Circle (BBMC-Math.com), 11
- 8. Team 207, PRISMS Falcons, Princeton International School of Math and Science, 11
- 8. Team 177, Florida Alligators, FLSAM, 11
- 8. Team 168, The Basketcases, Minnesota All State Math Team, 11
- 8. Team 145, Washington Rainier, Washington ARML, 11
- 8. Team 068, Shihihihan Squad, Henry M. Gunn HS, 11
- 8. Team 037, SMT(us)=Noobs, GTA Kids, 11
- 8. Team 012, Athemath Owls, Athemath, 11
- 4. Team 206, Lexington Alpha, Lexington HS, 12
- 4. Team 136, Motown All-Stars, Motown All-Stars, 12
- 4. Team 075, Happy Math Club 1, Happy Math Club, 12
- 4. Team 029, AlphaStar SIGMA, AlphaStar Academy, 12
- 1. Team 256, Harker Eagles Omega, The Harker School, 13
- 1. Team 057, TX Momentum Circle, Momentum Learning, 13
- 1. Team 052, Lehigh Valley Team, Lehigh Valley Team, 13

## Guts Round (Top Scores)

10. Team 190, ASDAN 25, ASDAN China, 277
9. Team 241, Jonas Clarke MS, Jonas Clarke MS, 285
8. Team 206, Lexington Alpha, Lexington HS, 300
7. Team 136, Motown All-Stars, Motown All-Stars, 306
6. Team 207, PRISMS Falcons, Princeton International School of Math and Science, 313
5. Team 221, BBMC-math Delta, Bonnie Branch Math Circle (BBMC-Math.com), 314
4. Team 145, Washington Rainier, Washington ARML, 333
3. Team 052, Lehigh Valley Team, Lehigh Valley Team, 336
2. Team 177, Florida Alligators, FLSAM, 340
1. Team 075, Happy Math Club 1, Happy Math Club, 353

## Overall (Top Scores)

10. Team 276, Desert Storms, Desert Storms, 496.169
9. Team 075, Happy Math Club 1, Happy Math Club, 503.803
8. Team 177, Florida Alligators, FLSAM, 525.052
7. Team 057, TX Momentum Circle, Momentum Learning, 534.312
6. Team 206, Lexington Alpha, Lexington HS, 558.135
5. Team 256, Harker Eagles Omega, The Harker School, 564.827
4. Team 136, Motown All-Stars, Motown All-Stars, 567.156
3. Team 052, Lehigh Valley Team, Lehigh Valley Team, 573.398
2. Team 145, Washington Rainier, Washington ARML, 575.145
1. Team 207, PRISMS Falcons, Princeton International School of Math and Science, 654.918