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, Ramva Iver, 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

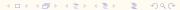
Team: Isaac Zhao Power: Eric Gao

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



001C Lucas Lum

003E Runxi Li

013B Sohum 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 Sajeev Magesh

103D Thomas Xiao

113F Ethan Kuang

113G Athena Wu

115A Lucas Park

115D Kalina Li

115D Kalina Li

115E Serj Petrossian

122C POK HONG LAM



126H Jason Lee

127B Avery Liang

129A Shrey Vishen

137A Praneel Mukherjee

137E Arnav Gupta

144A Muyuan Zhang

144B Ryan Zhang

144C Guanjie Zhao

144D Kevin Yu

144E Ethan Li

153F Alex Herskovits

154G Pratyush Neelakantan

156C Zifan Zhao

156E Zifei Zhao

158C Yagnik Chilamakuri

158D Akash Singh

162A Hannah Ying

162B Jonathan Sakunkoo

162E Taran Ajith

 ${\bf 166A} \ {\rm Kevin} \ {\rm Ying}$

166D Tanish Shetty

166E Ian Kim

176D Shengjie Wang

180A Jason Kim

182C Rory Hu

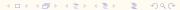
182E Cathrny Gao

185C Albert Wu

186A Lisa Liu

186B Michelle Han

188A Meenakshi Nair



188B Brent Kong
188F Zheyuan Li
188H Chintan Gharpure
197C Amey Bharambe
199C Ashmit Arasada

199E Daniel Ji 205C Lydia Zhou

205D Erika Kawakami

217E Yehor Stadnyk

217F Egor Filatov

226A Jae Hee Shin

226E Joseph Wan

228G HANXIANG YANG

229A Amritraj Lamba

229C Aviral Dhingra

231G Tracy Hu

236A Aratrika Pal

240E Sruthi Manoj

243G Sophie Rong

245C Rushil Yeole

246A Andrew Sun

254B Terry Xie

255C Jeeho Byun

255G Eunbin Cho

260F Vincent Tran

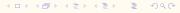
263D Xinkai Guo

267E Neul Ha

272B Carolyn Cao

272D Sophia Jin

274D Grace Gao



274G Lori Qian



General Test Distinguished HMs (Top 20%)

001A Andrew Shi

012D Harini Venkatesh

018B Jett Mu

018C Ravi Deshpande

018F Alan Cheng

029A Christopher Sakaliyski

029B Hengrui Liang

029C Ryan Bansal

029F Asher Wu

035G Lisa Jin

045E Matthew Yuan

049A Siddharth Baasri

060B Aryan Shome

060C Kevin Li

060E Owen Xu

060H Sejun Park

064G Joseph Widjaja

075B Jennifer Hu

075C Angela Ho

075D Edward Chen

077A Chenghao Hu

077C Sunay Miduthuri

077G Ryka Chopra

079F Ryan Tang

084C Hangyu Liang

084E Hanqin Gu

094B Leo Li

108A Samuel Lin

115B Arman Ghasemi

116B 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



001B Haofang Zhu006B Roger He006G Renzo Larrea

010D William Xu

012B Swastika Deb

021G Tyawud Chirakarn

024B Parnia Dabbagh

024D Parsia Tajallaie

029D Jason Lee

 ${f 035D}$ 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

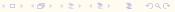
057G Katherine Liu

057H Aryan Bora

059A Eric Ding

059C Michael Luo

059D Austin Wang



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 Ruigi 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

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 Javden Wang 153B Reza Pirbhai 157C Maria Mihai 162C Roy Chen 167A Marvin Gao

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



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

 ${f 254A}$ Caden Ruan

254C Cyrus Ghane

256E Aarush Vailaya

266A Jiyun Guo

266B Sai Divyesh Tunguturu

266C Jeffrey Li



266E Arsh Shah
272E Anna Deng
274B Tiffany Xue
274F Ashley Zhu
275E Ella Li

275F Athena Wang276A Shaan Keole276E Yoobin Cha276G Victor Long

Algebra Test Distinguished HMs (Top 20%)

006A Yusuf Sheikh

006C David Jin

006E Darsh Patel

006H Luis Fonseca

028A Eric Min

 ${f 029E}$ 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 Advaith 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
- 227E, Liam Reddy, Las Vegas Math Circle, Las Vegas Math Circle,
- **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



006F Yuhan Niu 010D William Xu **021G** Tyawud Chirakarn **035H** Hanyuan Liu 036F Ezekiel Fleissner-Kates 044A Aberam Sriganesh 046A Alan Duan 046B Satvik Kabbur 046E Harini Thiagarajan 052E Stanley Liu **057A** Leo Yu 057E Austin Chen 059B Param Thakkar **061G** Christopher Hartanto 064B Haresh Muralidharan

068D Tanush Aggarwal 070G Rohan Dhillon 074F Daniel Qiu 075H Edward Li 076A Rais Javed 076B Syed Haider Ali Zaidi 076D Fahad Mahmood Chaudhry 076E Danish Javed 076H Muhammad Hamza Qasier 077E Neil Kolekar **084A** Kun-Ying Lee 092A Jaiden Li 092B John Weng 092D Richard Chen

064D Avyukta Nagrath

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



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

 $\mathbf{251C}\ \mathrm{Han}\ \mathrm{Lin}$

253C Jihu You

254C Cyrus Ghane

256C Olivia Xu

256D Jacqueline Huang

256H Stephen Xia

257F Shravan Varadharajan



260B Eli Perman264A ZHUOTING HAN264B GANHONG WANG264C ZEXING LI264D 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 Siyaraman

074E Zongshu Wu

119D Ganesh Sankar

145D Owen Zhang

155B YICHEN LIU

155E ENZE NIE

155G YUTING MAO

167B Ramez Ortiz

1774 Kevin Liu

177B Karthik Vedula

177G Alexander Li

180F Ryan Chin

188D Sagnik Biswas

190B LINCOLN LIU

203E Satvajit 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,
- 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



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 Goval

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

035B Liran Zhou

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



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 Niranjan Rao

206A Boyan Litchev

206C Muztaba Syed

207G Sigma Liu



207H Yeyin Zhu **210A** Joshua Khohayting **210B** Jacob Khohavting 221C Jeffrey Yin 221D Sargam Mondal 231D Anna Li 238B Wali Wagar 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 He006C David Jin012A 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 Feng152E Jeremy Huang

152E Jeremy nuang

152G Srinivas Arun

152H Jayden Wang



Discrete Test Distinguished HMs (Top 20%)

157E Charles Ran

157F Daniel Chen

167E Aarvan Vaishva

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 Feverherm

221B Alex Zhu

221G Arvan 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



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 Rvan Lee 095H TINGTING YANG 098E JIA HAO LIANG 103E Nathan Chan 105B XINRAN ZHANG 113A Kyros Wu

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

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

166C Jonathan Wu

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-Jav 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 Arnay 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 Gao113C Daniel Cai119A Andy Lu119C 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, Arnav 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
- ${\bf 5.}~207\mathrm{C},$ Sophia Zhang, PRISMS Falcons, Princeton International School of Math and Science, ${\bf 8}$
- **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
- 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, 468.350
- 9. Team 075, Happy Math Club 1, Happy Math Club, 473.624
- 8. Team 177, Florida Alligators, FLSAM, 481.460
- 7. Team 057, TX Momentum Circle, Momentum Learning, 502.227
- 6. Team 206, Lexington Alpha, Lexington HS, 523.298
- 5. Team 136, Motown All-Stars, Motown All-Stars, 533.657
- 4. Team 256, Harker Eagles Omega, The Harker School, 538.795
- 3. Team 145, Washington Rainier, Washington ARML, 541.584
- 2. Team 052, Lehigh Valley Team, Lehigh Valley Team, 541.607
- 1. Team 207, PRISMS Falcons, Princeton International School of Math and Science, 616.082