#### Berkeley Math Tournament 2023

November 4, 2023



#### Test Organizers

Algebra: Nikhil Shanbhag

Calculus: Albert Ye Discrete: Tushar Gona Geometry: Wen Cao

General: Jonathan Sy

Guts: Aditya Baireddy, Preston Fu, Youngmin Park

Power: Brian Sui, Rohit Agarwal

## Contributors to Problem Writing for BMT 2023

Aditya Baireddy Aidan Young Andrew Du Ariun Damerla Anthony Han Austin Lei Andrew Huang Alex Yang Albert Ve Ben Bielin Benjamin Eisley Brian Sui Benii Van Lienden Carl Sun Carsten Yeung Chethan Bhateja Daniel Ao Douglas Chen David Li David Sun

David Zhang Druy Pai Eugene Chiou Haydn Gwyn Henry Qi Ishir Garg Isaac Li Jason Guo Jason Jiang Jorge Speck Jonathan Sv Justin Park Kiran Parthasarathy Luke Choi Lily Nguyen Liam Tan Mallen Clifton Mason Haberle Mataio Nonaka

Moor X11

Nir Elber Preston Fu Rohit Agarwal Ryan Kiessling Ronan Alam Richard Wu Ryan Yang Shrev Chaudhary Shrevas Ramamurthy Svlvia Jin Sumith Nalabolu Shreyas Swaminathan Shashwat Bansal Theo Danial Tushar Gona Wen Cao Wentinn Liao Youngmin Park

## General Test Honorable Mention (Top 50%)

001B Tianlin Liu
001C Elaine Gu

002A Eva Lin

002C Victoria Huang

002D Lusen Yao

002F Alber Wu

006A Shivansh Grover

006B Temujin Battulga

008B Gilbert Jiang

008D Catherine Jian

008E Brianna Su

**010B** Mittansh Bhatia

**012B** Weiping(Jessica) Li

012C Vihan Kalsi

012D Manant Kochar

013B Evan Zhou

013F Yanlin Huang

014A Yichen Wu

014C Yifan Hu

028A Sohum Uttamchandani

029B Situ Zhao

**031A** Rucha Kore

031D Shannon Zhang

032A Richard Fan

032B Aanya Gupta

**032D** Fiona Liu

**032E** Tanish Kolhe

033A NitinReddy Vaka

033B Aarav Mann

035D Ethan Chen



## General Test Honorable Mention (Top 50%)

035F Pranav Mallina037E Shaurya Chauhan

037F Sri Sumukh Vulava

**040C** Aminjin Battulga

044B Alan Cai

 ${f 044D}$  Vivian Lei

**047D** Katherine Wang

049B Ryan Miao

050F Lucas Lum

 ${f 054C}$  Carson Winter

**055C** Andrew Ton

**056B** Miranda Li

 ${f 058B}$  Rener Li

**059D** Nikita Das

**061A** Anson Yu

**061D** William Ye

064D Ali Fasihuddin

069A Thomas Della Vigna

069C Utsav Lal

070B Elizabeth Ying

071B Hunter Liu

**071C** David Li

**071D** Zhiyuan Ma

**072A** Austin Zou

**072B** Ray He

073A Elisa Zhang

**075D** Joy Wang

076F Bosman Botha

 $\mathbf{077D}$  Jonathan Yang

080E Niels Voss



## General Test Honorable Mention (Top 50%)

| <b>085A</b> Laurence Huang     | 097B Jason Lee         |
|--------------------------------|------------------------|
| <b>091B</b> Anrui Hong         | <b>097C</b> Grace Zuo  |
| 091C Colin Zhao                | <b>098C</b> Aaron Ely  |
| <b>091E</b> Ankang Hong        | <b>098E</b> Elaine Sun |
| 092D Vivaan Daxini             | <b>106A</b> Eric Xie   |
| <b>093A</b> Clara Burke        | 110C Samuel Chen       |
| 093B Harrison Qian             | 119B Ada Ji            |
| 093C Pablo Zhang               | 119E Anisha Raghu      |
| <b>093D</b> Davina Rahnpaur    | 120F Anson Ng          |
| <b>096B</b> Yagnik Chilamakuri | 126A Kevin Zhu         |
| <b>096D</b> Rishi Gupta        | 126C Kush Goel         |



## General Test Distinguished HM (Top 20%)

001A Andrew Shi

001D Jason Yang
001E Franklin Zhou

OOLE P---- W----

001F Ryan Wang

002B Lucas Lin

002E Atticus Lin

**006D** Matthew Yuan

008C Alex Tsagaan

008F Katherine Li

 ${f 011E}$  Yueqian Zhang

012A Albert Li

029A Kartik Gudapati

031C Alex Zhu

033C Andrew Shin

033D Ayush Bansal

**033E** Abhigyan Singh

 ${f 033F}$  Niranjan Rao

035A Rahul Tacke

044F Zitian Li

**045D** James Lin

046C Jessica Hu

**047F** Elaine Xu

**049E** Daniel Zhu

050A Shamik Khowala

050C Christine Deng

**050D** Heather Wang

**050E** Lily Peng

054A Dominic Handsborough

**054E** Ivan Liu

**070E** Brandon Nam



## General Test Distinguished HM (Top 20%)

| 074A Henry Yao          |
|-------------------------|
| <b>076C</b> Jason Yuan  |
| 077A Isabella Li        |
| <b>077B</b> Eli Ying    |
| <b>077C</b> Edward Zeng |
| <b>077E</b> Andy Liu    |
| <b>095A</b> Alex Ruan   |
| 097A Keith Li           |
| 098A Ronald Wang        |

109A Angela Zhang
109D Cindy Zhao
113A Shrey Vishen
113B Liyan Xu
117B Erin Bian
118C Vishnu Mangipudi
119C Rishi Rajesh
119D Ananya Raghu
119F Myungbeen Choi

## General Test (Top Scores)

- 10. 047F, Elaine Xu, Harker Kappa, The Harker School, 21
- 9. 031C, Alex Zhu, Lynbrook Black, Lynbrook HS, 21
- **8. 011E**, Yueqian Zhang, BISV Bobcats A, Basis Independent Silicon Valley, 21
- 7. 033C, Andrew Shin, Random Math Team C, Random Math, 21
- 6. 001F, Ryan Wang, AlphaStar DELTA, AlphaStar Academy, 21
- 5. 050A, Shamik Khowala, Harker Sigma, The Harker School, 21
- 4. 001A, Andrew Shi, AlphaStar DELTA, AlphaStar Academy, 22
- **3.** 118C, Vishnu Mangipudi, WA Gold 1, Seattle Infinity Math Circle. 23
- 2. 119C, Rishi Rajesh, Cougars2, Quarry Lane School, 23
- 1. 119F, Myungbeen Choi, Cougars2, Quarry Lane School, 24



**004D** Qi Huang 004E Eddie Wang **005C** Jeffery Wang 010A Chloe So. **011A** Pranav Bodapati **011B** Brianna Zheng 011D Joshua Balmin **011F** Lorraine Wang 014B Anna Deng 014E Nicholas Wang 015B Katrina Liu **015C** Alex Backues **015E** Andrew Tian **016B** Dylan Kim 016C Delong Mao

016D Chen Andrew **016E** Justin Zhang 017F Larry Wu 018F Gaurav Gupta 019B Pratham Mehta 019C Yuan Chen **019D** Aster Deng **019F** Amber Mo **021C** Asher Ding **021F** Matthew Sun 022A Kathleen Chen **023F** Ishaan Rout **025D** Arsh Shah **026A** Jessica Yan **026E** Ethan Yan

**027B** Jeffrey Li

027C Advaith Mopuri

027D Varun Rao

028B Abhinav Raja

028C Zachary Pan

030B Ryan Bansal

034B Vihaan Gupta

**034D** Andy Lu

034F Sarthak Jain

035C Shomak Tan

**035E** Arthur Li

 ${f 036B}$  Rhishi Balaa Sakthivel

036C Abhi Kotari

**036F** Henry He

**040E** Haridas Chowdhury

**041B** Benjamin Liu

042E Arvin Hormati

044C Ella Li

045A Caden Ruan

045C Terry Xie

045F Eddie Zhang

**048A** Aman Chandra

**050B** Jonathan Li

**052B** Jaewoo Park

**052C** Kyle Lei

**053B** Dayeon Lim

**054B** Krishan Gupta

057E Shaun Masada

059A Radhika Shah

061B Alex Zhao



**061F** Jake Hu

064B Samuel Chen

**069B** Alex Cao

**070D** Julian Stockton

073D Vedanth Dala

073E Harshil Nukala

073F Andrew Peng

**074B** Ankit Muppala

074C William Zhao

074D Hunter Bian

075C Aaron Shen

**076B** Isaac Lee

079B Elaina Li

**080D** Bruce Zhang

091A Athena Richter

092B Arnav Ahuja

**096C** Kevin Yan

096E Ryan Li

096F Kai Lum

 $\mathbf{098D}$  Sean Li

**099A** Brian Lu

099D Nathan Jiang

**099F** Forrest Chou

101A Jessica Wu

101C Sheldon Tan

103A Eric Xiao

103D Sophia Henningsen

 ${f 105A}$  Teddy Xu

105E Charles Zhang

106B Xuehan Zhang



108A Sabrina Wang

111A Carolyn Ruan

111B Ishaan Desai

112F Owen Lu

115A Larry Xing

116A Pengyu Chen

116D Julian Kuang

116D Julian Kuang

117A Edward Li

117C Wesley Wu

117D Christopher Peng

118B Immanuel Whang

120D Claire Zhao

122A Neal Frankenberg

122E Blake Chang

123A Leo Tsai

123B Noel Zhang

123C Zheyuan Li

123E Henry McNamara

124D Larry Zhou

124E Yan Lee

125A DongLin Jin

125B Eric Wang

**125D** Amudhan Gurumoorthy

126D Sanya Badhe



## Algebra Test Distinguished HM (Top 20%)

003B Rohan Garg

003D Peter Ferolito

007C Christopher Bao

011C Robert Feng

**015A** Kai Yi

017A Ryan Bai

017B Bryan Guo

017E Ryan Wu

018B Gore Fee

018C Ryan Fu

018E Kailua Cheng

**020A** Daniel Nie

027A Brian Li

030A Daniel Kim

030C Brian Bi

030D Sohil Rathi

030E Neel Kolhe

**030F** Brian Xue

034A Chenghao HU

034E Seabert Mao

039C Josh Shin

**041A** Nicholas Weng

**043A** Bryan Li

**043B** Victoria Hu

043C Alan Lu

**043E** Advaith Avadhanam

043F Lawson Wang

**044E** Vivian Zhong

**046D** Aarush Vailaya

**048C** Cyrus Ghane



## Algebra Test Distinguished HM (Top 20%)

**049A** Hengrui Liang **049D** Haofang Zhu **052F** Kaleb So **061E** Akilan Paramasiyam 064F Dev Saxena 065A Zhan Jin **069E** David Fox 069F Agniv Sarkar **074E** Julia Xiang **092E** Anish Rov 099B Andrew Wen 099C Veenu Damarla **105B** Jacopo Rizzo 105C Sidarth Erat

**105D** Anthony Wang 105F Elliott Liu 106D Xinyu Meng 111F William Wu 115B Feodor Yevtushenko 115C Aaron Chen 115D Neal Yan 115E Justin Mu 115F Vivian Loh 118D Mingyue Yang 118E Benjamin Fu 118F Alansha Jiang 119A Ricky Hu 122D Uma Shukla

## Algebra Test (Top Scores)

- 10. 043F, Lawson Wang, Saratoga 1, Saratoga HS, 8
- **9.** 115B, Feodor Yevtushenko, YEA Spice, Youth EUCLID Association, 8
- $\bf 8.~049A,$  Hengrui Liang, Harker Omega, The Harker School,  $\bf 8$
- 7. 043A, Bryan Li, Saratoga 1, Saratoga HS, 8
- 6. 030E, Neel Kolhe, Lynbrook Purple, Lynbrook HS, 8
- 5. 115F, Vivian Loh, YEA Spice, Youth EUCLID Association, 8
- 3. 105B, Jacopo Rizzo, Torrey Pines Chamise, Torrey Pines, 8
- 3. 027A, Brian Li, MSJ A, MSJ Math Club, 8
- 2. 043E, Advaith Avadhanam, Saratoga 1, Saratoga HS, 8
- 1. 007C, Christopher Bao, AlphaStar PI, AlphaStar Academy, 9



#### Calculus Test Honorable Mention (Top 50%)

004A Kevin Li

027F Patrick Chu

029C Evan Liu

037A Max Rombakh

039B Tanush Aggarwal

039F Nathan Ye

**040E** Haridas Chowdhury

041E Satvik Sivaraman

054B Krishan Gupta

065B Enze Chen

070D Julian Stockton

080A Mark Rhee

080B Sanjay Mukhyala

096E Ryan Li

**099C** Veenu Damarla

099D Nathan Jiang

**099E** William Wang

099F Forrest Chou

112A Koren Gila

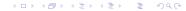
116D Julian Kuang

117E Rohan Dhillon

120C Saravanan Valliappan

122B Marius Rutkowski

123B Noel Zhang



## Calculus Test Distinguished HM (Top 20%)

004C Eddy Li
005D Neil Kolekar
007B Rohan Bodke
007D Rohan Das
007F Ritwin Narra
034F Sarthak Jain
039D Roger Fan
041F Daniel Kou

064C Shenlone Wu
065A Zhan Jin
073D Vedanth Dala
099A Brian Lu
105B Jacopo Rizzo
111B Ishaan Desai
115A Larry Xing
119A Ricky Hu

## Calculus Test (Top Scores)

- 8. 119A, Ricky Hu, Cougars2, Quarry Lane School, 7
- 8. 111B, Ishaan Desai, Team A, Monta Vista HS, 7
- 8. 099A, Brian Lu, Monkey Team A, Palo Alto HS, 7
- 8. 073D, Vedanth Dala, DVHS Wildkitties 2, Dougherty Valley HS, 7
- 8. 064C, Shenlone Wu, Vegas Strong, Las Vegas Math Circle, 7
- 8. 041F, Daniel Kou, GMC Birch, Henry M. Gunn HS, 7
- 8. 034F, Sarthak Jain, Random Math Team B, Random Math, 7
- 8. 005D, Neil Kolekar, AlphaStar GAMMA, AlphaStar Academy, 7
- 8. 004C, Eddy Li, AlphaStar ZETA, AlphaStar Academy, 7
- 7. 065A, Zhan Jin, FROM X TO INFINITY, FROM X TO INFINITY, 8
- 6. 115A, Larry Xing, YEA Spice, Youth EUCLID Association, 8
- 5. 007F, Ritwin Narra, AlphaStar PI, AlphaStar Academy, 8
- ${\bf 4.~007B},$ Rohan Bodke, AlphaStar PI, AlphaStar Academy, 8
- 3. 039D, Roger Fan, GMC Acacia, Henry M. Gunn HS, 8
- 2. 105B, Jacopo Rizzo, Torrey Pines Chamise, Torrey Pines, 8
- 1. 007D, Rohan Das, AlphaStar PI, AlphaStar Academy, 9



## Discrete Test Honorable Mention (Top 50%)

003C Hannah Fox 003D Peter Ferolito 003F Aarush Khare **004E** Eddie Wang 005E Alena Kutsuk **011B** Brianna Zheng **014B** Anna Deng 015B Katrina Liu **015C** Alex Backues 015D Aidan Bai 017A Ryan Bai 017F Larry Wu **018B** Gore Fee 019C Yuan Chen **027C** Advaith Mopuri **027D** Varun Rao 028B Abhinav Raja **028C** Zachary Pan 028D Veeral Shroff 032C Lucas Yuan **034B** Vihaan Gupta 034D Andy Lu 036E Kristivan Kurtev 036F Henry He 039A Shihan Kanungo **039D** Roger Fan **039F** Nathan Ye **041A** Nicholas Weng **043A** Bryan Li **046D** Aarush Vailava

## Discrete Test Honorable Mention (Top 50%)

047B Sylvia Chen

052C Kyle Lei

053F Daniel Yang

**057B** Alex Bai

064A Matthew Fakler

**069E** David Fox

069F Agniv Sarkar

070F Rivka Lipkovitz

073C Taran Ajith

074B Ankit Muppala

076B Isaac Lee

**096A** Christopher Chen

**099B** Andrew Wen

100C Andrew Wang

115C Aaron Chen

118F Alansha Jiang

122E Blake Chang

123C Zheyuan Li

123E Henry McNamara

124F Tommy Zhou

125B Eric Wang

**125D** Amudhan Gurumoorthy

125E Ivan Yu

126D Sanya Badhe



#### Discrete Test Distinguished HM (Top 20%)

**003A** Aiden Jeong 003B Rohan Garg 003E Jonathan Du **005B** Tejo Madhavarapu 007A Linus Tang 007B Rohan Bodke **007C** Christopher Bao **007D** Rohan Das **007E** Alex Chen 007F Ritwin Narra **011A** Pranav Bodapati **015E** Andrew Tian 017C Ethan K Song **017D** Michelle Liang **027E** Evan Yang

**030D** Sohil Rathi 030E Neel Kolhe 030F Brian Xue **034A** Chenghao HU 034C Harish Loghashankar 039C Josh Shin **039E** Steve Zhang **043B** Victoria Hu **043D** Skyler Mao **043F** Lawson Wang **044A** Emily Wu **046B** Neil Krishnan **057C** Qiao Zhang **064C** Shenlone Wu 064F Dev Saxena

## Discrete Test Distinguished HM (Top 20%)

074F David Zhang

**080C** Zaee Shah

105C Sidarth Erat

111F William Wu

115B Feodor Yevtushenko

115E Justin Mu

117E Rohan Dhillon

117F Onkit Samanta

118A Alex Zhao

118B Immanuel Whang

118D Mingyue Yang

122A Neal Frankenberg

122D Uma Shukla



#### Discrete Test (Top Scores)

8. 122D. Uma Shukla, LCHS, La Canada HS, 7

8. 118D, Mingyue Yang, WA Gold 1, Seattle Infinity Math Circle, 7 8. 118B, Immanuel Whang, WA Gold 1, Seattle Infinity Math Circle, 7 8. 111F, William Wu, Team A, Monta Vista HS, 7 8. 074F, David Zhang, DVHS Wildkitties 1, Dougherty Valley HS, 7 8. 057C, Qiao Zhang, Sierra Canyon School, Sierra Canyon School, 7 8. 043F. Lawson Wang, Saratoga 1, Saratoga HS, 7 8. 043D, Skyler Mao, Saratoga 1, Saratoga HS, 7 8. 043B, Victoria Hu, Saratoga 1, Saratoga HS, 7 8. 039E, Steve Zhang, GMC Acacia, Henry M. Gunn HS, 7 8. 027E, Evan Yang, MSJ A, MSJ Math Club, 7 8, 017D, Michelle Liang, CCA Conspiracy, Canyon Crest Academy Math Team, 7 8. 007E, Alex Chen, AlphaStar PI, AlphaStar Academy, 7 8. 007D, Rohan Das, AlphaStar PI, AlphaStar Academy, 7 8. 003E. Jonathan Du. AlphaStar SIGMA, AlphaStar Academy, 7 6. 007F, Ritwin Narra, AlphaStar PI, AlphaStar Academy, 8 6. 003B, Rohan Garg, AlphaStar SIGMA, AlphaStar Academy, 8 5. 007C, Christopher Bao, AlphaStar PI, AlphaStar Academy, 8 4. 030F, Brian Xue, Lynbrook Purple, Lynbrook HS, 8 3. 007B, Rohan Bodke, AlphaStar PI, AlphaStar Academy, 9 2. 118A, Alex Zhao, WA Gold 1, Seattle Infinity Math Circle, 9 1. 007A, Linus Tang, AlphaStar PI, AlphaStar Academy, 9

## Geometry Test Honorable Mention (Top 50%)

003A Aiden Jeong

003C Hannah Fox

004B Rachel Li

004C Eddy Li

 ${f 005B}$  Tejo Madhavarapu

005C Jeffery Wang

005E Alena Kutsuk

005F Suhani Pahuja

011C Robert Feng

 ${f 011F}$  Lorraine Wang

014D Yourui Shao

**015A** Kai Yi

015F Lawrence Liu

016B Dylan Kim

**016D** Chen Andrew

017C Ethan K Song

017D Michelle Liang

018C Ryan Fu

018E Kailua Cheng

018F Gaurav Gupta

021D Nicole Sun

**026E** Ethan Yan

**027E** Evan Yang

028E Sambhu Ganesan

**029C** Evan Liu

030A Daniel Kim

031E Ankita Ramabadran

034C Harish Loghashankar

034E Seabert Mao

036B Rhishi Balaa Sakthivel



## Geometry Test Honorable Mention (Top 50%)

**036D** Camea Caprita

036E Kristiyan Kurtev

039A Shihan Kanungo

**039E** Steve Zhang

**044A** Emily Wu

**044C** Ella Li

**045A** Caden Ruan

045C Terry Xie

045E Mihir Kotbagi

**045F** Eddie Zhang

**046B** Neil Krishnan

**047B** Sylvia Chen

047E Aishani Singh

**048A** Aman Chandra

**048D** Jaden Fu

**049D** Haofang Zhu

 ${f 052A}$  Jacqueline Shan

**052D** Mingshi Liu

056A Atticus Masuzawa

 ${f 056C}$  James Browning

057A Frank Yuan

057B Alex Bai

 ${f 059B}$  Rohan Shivakumar

**059C** Edwin Hou

061F Jake Hu

062B Allinah Zhan

063C Yujun Lee

**065B** Enze Chen

**065C** Chengyu Wang

**075C** Aaron Shen



## Geometry Test Honorable Mention (Top 50%)

**076E** Chase Hikida

**080A** Mark Rhee

**080C** Zaee Shah

**080F** Arush Bisht

**099E** William Wang

100E Raphael Leung

101A Jessica Wu

 ${f 103D}$  Sophia Henningsen

105A Teddy Xu

105D Anthony Wang

111A Carolyn Ruan

111C Yuan Xing

111D Raymond Feng

112F Owen Lu

116A Pengyu Chen

117A Edward Li

117C Wesley Wu

117D Christopher Peng

125A DongLin Jin

125E Ivan Yu

126E Ava Chen

128A Jack Jin



## Geometry Test Distinguished HM (Top 20%)

**003E** Jonathan Du

003F Aarush Khare

004D Qi Huang

005A Alex Zhan

005D Neil Kolekar

007A Linus Tang

007E Alex Chen

015D Aidan Bai

017B Bryan Guo

017E Ryan Wu

020A Daniel Nie

027A Brian Li

030B Ryan Bansal

039B Tanush Aggarwal

043C Alan Lu

043D Skyler Mao

043E Advaith Avadhanam

044E Vivian Zhong

**049A** Hengrui Liang

052F Kaleb So

057C Qiao Zhang

 ${f 061E}$  Akilan Paramasiyam

074C William Zhao

074F David Zhang

096A Christopher Chen

105E Charles Zhang

**105F** Elliott Liu

106D Xinyu Meng

115D Neal Yan

115F Vivian Loh



# Geometry Test Distinguished HM (Top 20%)

117F Onkit Samanta118A Alex Zhao

 ${\bf 118E}$ Benjamin Fu

## Geometry Test (Top Scores)

- 8. 118E, Benjamin Fu, WA Gold 1, Seattle Infinity Math Circle, 7
- 8. 105E, Charles Zhang, Torrey Pines Chamise, Torrey Pines, 7
- 8. 074F, David Zhang, DVHS Wildkitties 1, Dougherty Valley HS, 7
- 8. 074C, William Zhao, DVHS Wildkitties 1, Dougherty Valley HS, 7
- 8. 057C, Qiao Zhang, Sierra Canyon School, Sierra Canyon School, 7
- 8. 052F, Kaleb So, Kawaii Knights, The King's Academy, 7
- 8. 030B, Ryan Bansal, Lynbrook Purple, Lynbrook HS, 7
- 8. 017E, Ryan Wu, CCA Conspiracy, Canyon Crest Academy Math Team,
- **8. 017B**, Bryan Guo, CCA Conspiracy, Canyon Crest Academy Math Team, 7
- 7. 003E, Jonathan Du, AlphaStar SIGMA, AlphaStar Academy, 8
- 6. 105F, Elliott Liu, Torrey Pines Chamise, Torrey Pines, 8
- ${\bf 5.~106D},$  Xinyu Meng, Torrey Pines Lupine, Torrey Pines, 8
- 4. 115D, Neal Yan, YEA Spice, Youth EUCLID Association, 8
- 3. 007A, Linus Tang, AlphaStar PI, AlphaStar Academy, 8
- 2. 115F, Vivian Loh, YEA Spice, Youth EUCLID Association, 8
- 1. 043E, Advaith Avadhanam, Saratoga 1, Saratoga HS, 9

## Power Round (Top Scores)

- 10. Team 027, MSJ A, MSJ Math Club, 85
- **10.** Team **017**, CCA Conspiracy, Canyon Crest Academy Math Team, 85
- 9. Team 115, YEA Spice, Youth EUCLID Association, 88
- 8. Team 030, Lynbrook Purple, Lynbrook HS, 92
- 7. Team 043, Saratoga 1, Saratoga HS, 95
- 6. Team 003, AlphaStar SIGMA, AlphaStar Academy, 98
- 5. Team 007, AlphaStar PI, AlphaStar Academy, 104
- 2. Team 105, Torrey Pines Chamise, Torrey Pines, 106
- 2. Team 069, Proof Lions, Proof School, 106
- 2. Team 039, GMC Acacia, Henry M. Gunn HS, 106
- 1. Team 118, WA Gold 1, Seattle Infinity Math Circle, 121



## Guts Round (Top Scores)

- 10. Team 115, YEA Spice, Youth EUCLID Association, 201
- 10. Team 032, Random Math Team D, Random Math, 201
- 9. Team 027, MSJ A, MSJ Math Club, 203
- 8. Team 005, AlphaStar GAMMA, AlphaStar Academy, 214
- 7. Team 030, Lynbrook Purple, Lynbrook HS, 215
- **6.** Team **105**, Torrey Pines Chamise, Torrey Pines, 221
- 5. Team 118, WA Gold 1, Seattle Infinity Math Circle, 228
- 4. Team 017, CCA Conspiracy, Canyon Crest Academy Math Team, 233
- 3. Team 043, Saratoga 1, Saratoga HS, 239
- 2. Team 039, GMC Acacia, Henry M. Gunn HS, 246
- 1. Team 007, AlphaStar PI, AlphaStar Academy, 270



## Overall (Top Scores)

- 10. Team 027, MSJ A, MSJ Math Club, 287.520
- 9. Team 003, AlphaStar SIGMA, AlphaStar Academy, 319.117
- $\bf 8.~Team~\bf 017,$  CCA Conspiracy, Canyon Crest Academy Math Team, 319.225
- 7. Team 030, Lynbrook Purple, Lynbrook HS, 323.127
- 6. Team 115, YEA Spice, Youth EUCLID Association, 327.601
- **5.** Team **039**, GMC Acacia, Henry M. Gunn HS, 331.853
- 4. Team 105, Torrey Pines Chamise, Torrey Pines, 344.646
- 3. Team 118, WA Gold 1, Seattle Infinity Math Circle, 354.645
- 2. Team 043, Saratoga 1, Saratoga HS, 360.322
- 1. Team 007, AlphaStar PI, AlphaStar Academy, 397.589

