Berkeley mini Math Tournament 2023

April 15, 2023





Test Organizers

Individual: Shreyas Ramamurthy, Wen Cao

Puzzle: Aditya Baireddy, Albert Ye, Justin Yokota

Team: Andrew Huang, Nikhil Shanbhag

Relay: Arjun Damerla, Axel Li

Head Problem Writers: Richard Wu, Shreyas

Swaminathan



Problem Writers

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Testsolvers

Aditya Baireddy Henry Qi Albert Ye Jerry Gao Andrew Huang Justin Yokota Andrew Lin Lakshav Patel Anton Than Moor Xu Arjun Damerla Nikhil Shanbhag Austin Lei Nir Elber Brian Sui Preston Fu Bryan Li Richard Wu Carl Sun Rohan Goyal Chris Liu Rohit Agarwal David Li Saathvik Selvan

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Shreyas Ramamurthy
Shreyas Swaminathan
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Yichen Zeng
Youngmin Park
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002A Aarav Ashwani

002D Alex Shi

003A Iurii Kirpichev

003B Brandon Chiu

003E John Oh

004D Kristiyan Kurtev

006D Paixiao Seeluangsawat

006E Mehmet Gelgi

008B Lucas Lin

008E Jason Kim

009B Ella Zheng

009C Elaine Gu

009D Simon Yang

009E Brianna Su

010D Alexander Braun

012C Ayden Bi

012E Derick Wang

013A Jonathan Sakunkoo

013C Eric Guo

014C Ty Tan

014D Claire Zhao

015B Tia Suriyathep

018C Andrew Dong

018D Kaichen Huang

019A Lyvia Peng

019B Edward Liang

019C Ethan Yuan

021A Jason Tan

021D Michael Lin

022A MJ Ke



022E Michael Chen 023A Anshul Dandekar 023B Joshua Koo 023C Kevin Lu **023D** Alice Wang 024B Jason Lee 024C Aditya Palit 024D Theenash Sengupta 025A Pranav Krishnapuram **025B** DHYUTIDHAR. SRAVANKUMAR. 025C Vedanth Chakravarthi 028B James Hang 030A Kevin Ji **030B** Shlok Acharva

030D Moon Liu 031C Rohan Verma **033B** Lucas Chiang 034A Mandi Kuan **034D** Jasmine Ge 036B Sabrina Wang 036C Yingkai Shao 036D Michael Liu 038A Jayson Quah 038B Vishnudev Hari 038C Aditi Shajil **040C** Raphael Leung **040D** Elliot Boyce 040E Grant Lee 042C Ayush Bansal

030C Jesse Wu

044A NitinReddy Vaka

044E Lucas Lum

045C Ashmit Arasada

046A Ashita Thakkar

046D Aarini Chadha

046E Aarush Rachakonda

048B Harrison Qian

048C Pablo Zhang

048E Hubert Chen

050D Elbert Park

051A Alex Yang

 ${f 051B}$ Joshua Gould

051C Arya Reddy

051D Caden Claussen

052A Ruizhe Li

052D Alvin Zhu

052E Alex Chang

053B Fiona Wu

053C kaden leong

054C Charlie Huang

055D Alex Peng

057B Sahil Deshmukh

057C Daniel Kim

059B David Liu

059C Austin Jin

059D Yanlin Huang

060A Daphne Chen

060C Avantika Kripalani

061B Kaya Moonka

061C Vaishnavi Kuchibhotla



062A Julia Pristinski 063A Ivan Khatuntsev 064A Skanda Mahesh 064B Rajit Pandey 064C Hamsini Vegi

064D Vishakha Shastri

 $\mathbf{064E}$ Elliot Seo

 ${f 066B}$ Isabella Li

 ${f 066C}$ Catherine Jian

066D Natalie Yao

066E Katherine Li

067C Neerav Narasani

068A Zeqi An

068B Kezhen Tao

068C Caroline Zhang

068D Richard Sun

068E Leheng Xu

069B Emma Ouyang

070D Satyaki Sen

071A Lumi Yaida

073A Atticus Masuzawa

073D Thomas Ludlam

073E Liyue Xiao

075A Hongkang Zhao

076B Michael Hou

078A Qixuan Mu

079A Riaan Govind

080D Graham Zhang

080E Bradley Yen

081B Hang Ruan



082A Olin Xia 083A Yuenjen Li 083C Evelyn Phan

 ${f 083D}$ Arjun Vijaykumar

084A eric liang

 ${f 085A}$ Matthew Lee

 ${f 085B}$ Boyan Han

088B Akshay Lal

 ${f 089C}$ Prateeksha Patel

 $\mathbf{089D}$ Airi Imai

090A Casey Fong

090D Aaron Lei

091A Arjun Somani

091B Stephen Jankowski

091E Claire Qi

092D Nicholas Dai

094C Alyssa Menezes

094E Andrew Lin

096B Daniel Jin

097A Jeremy Zhang

097B Moxi Zhu

097D Joshua Lin

098A Larry Liao

098B Landon Li

098D Stephen Lu

099B Justin Guo

100A Carter Cai

100C Jayden Gong

100D Anlong Liu

104D Yutong Chen



106C Adyant Bhavsar
106D Eshaan Krishna
106E Madison Zhang
107A Xiaoyi (Brian) Guo
107B Keith Li

107C Albert Fan107D Henry Deng110B Nathan Song111D Benjamin Ren113A Deepac Ganesan

002C Derek Li 002E Shiyam Prasad 003C Camea Caprita **003D** Shaurya Chauhan 004A Dev Batra 004B Sharanya Roy 004C Joseph Lim **004E** Henry He **005A** Jeffery Wang 005B Jonathan Li 005C Hannah Ma **005D** Franklin Zhou 005E Ali Zaman 008A Hannah Ying 008C Taran Ajith

008D Rutvik Arora 010A Edward Fu **010C** Dylan Wang **010E** Anish Agarwal 011A Chenghao HU 011B Ryan Bansal **011C** Aryan Shome **011D** Tejo Madhavarapu 011E Alena Kutsuk 013B Axel Szolusha **013E** Amber Mo 014A Sastha Ram 014E Dev Saxena 018A Dylan Handy **020A** Kai Yi

020B Rohan Mallick 020C Evelyn Kim 020D Xiaoran Han **024A** Aniket Mangalampalli 024E Caleb Ma 031B Elaine Xu **036E** Ruikang Wang 037A Matthew Sun 037B Dalbert Wu 037C Nicole Sun **037D** Kevin Zhang **037E** Lusen Yao **040B** Elliot Maa 042A Shamik Khowala

042E Daniel Ji **043A** Andy Lu **043B** Vihaan Gupta 043C Harish Loghashankar 043D Seabert Mao **043E** Vivian Zhong 044B Aaray Mann 044C Chanew Kim **044D** Abhigyan Singh **045A** Henry Wang 045B Tanish Kolhe **045D** Yuenching Shao **045E** Arvin Hormati **048D** Davina Rahnpaur

042D Niranjan Rao

042B Andrew Shin

054B Andrew Wong

 ${f 054D}$ Caden Li

059A Alex Zhan

059E Nicholas Wang

060D Sruthi Manoj

065A Aiden Zhou

065C Samuel Zhang

067A William Xiao

067B Aidan Cao

067D Leo Shao

072D Qianhe Chen

073C Thomas McCurley

075B Leo Zeng

080A David Fox

080B Brandon Nam

080C Kyle Wan

082C Derek Wu

082D Ryan Wang

083B Fiona Liu

084B Jonathan Li

088C Aiden Shan

090B Julian Kuang

091C Alex Bertelli

091D Connor Leong

094A Ryan Zhou

097E Oliver Shen

099A Jingxuan Bo

103A Lucas Yuan

104B Calvin Strohmann

104C Sohum Uttamchandani



106B Anish Roy113B Michael Tang113C Hanyu Zhang

113D Dale Liu113E Andy Chen

Individual Round (Top Scores)

- 10. 011B, Ryan Bansal, AlphaStar PI, AlphaStar Academy, 17
- 9. 024A, Aniket Mangalampalli, Rusczyk, Math Guru, 18
- 8. 113B, Michael Tang, SigmaStar, Math People, 18
- 7. 020A, Kai Yi, PTMS Wolves, Pacific Trails MS Math League, 18
- 6. 005E, Ali Zaman, AlphaStar ALPHA, AlphaStar Academy, 18
- 5. 005B, Jonathan Li, AlphaStar ALPHA, AlphaStar Academy, 19
- **4.** 042D, Niranjan Rao, Random Math Team Orange, Random Math, 19
- **3.** 043C, Harish Loghashankar, Random Math Team Red, Random Math, 19
- 2. 043D, Seabert Mao, Random Math Team Red, Random Math, 19
- 1. 043A, Andy Lu, Random Math Team Red, Random Math, 20



Puzzle Round (Top Scores)

- 9. Team 100, Palo Alto kids, Palo Alto kids, 131
- 9. Team 091, BIS-Crocker A Team, BIS-Crocker Math Team, 131
- 8. Team 051, Ramanujan, Nueva School, 132
- 6. Team 042, Random Math Team Orange, Random Math, 140
- 6. Team 024, Rusczyk, Math Guru, 140
- 4. Team 048, The Mathemachickens, Nueva School, 141
- 4. Team 013, AlphaStar DELTA, AlphaStar Academy, 141
- 1. Team 082, DES Math Team, DES Math Team, 155
- 1. Team 037, Cowconuts dx, Cowconuts, 155
- 1. Team 005, AlphaStar ALPHA, AlphaStar Academy, 155



Team Round (Top Scores)

- 7. Team 113, SigmaStar, Math People, 13
- 7. Team 103, Team1, Home school, 13
- 7. Team 082, DES Math Team, DES Math Team, 13
- 7. Team 080, The Hedgehogs, Proof School, 13
- 7. Team 044, Random Math Team Yellow, Random Math, 13
- 7. Team 014, SpreadTheMathLove, Coral Academy of Science Las Vegas, 13
- 7. Team 010, AlphaStar LAMBDA, AlphaStar Academy, 13
- 7. Team 008, AlphaStar PHI, AlphaStar Academy, 13
- 5. Team 042, Random Math Team Orange, Random Math, 14
- 5. Team 004, BayAreaRSM1, RSM Bay Area, 14
- 3. Team 043, Random Math Team Red, Random Math, 15
- 3. Team 005, AlphaStar ALPHA, AlphaStar Academy, 15
- 2. Team 020, PTMS Wolves, Pacific Trails MS Math League, 17
- 1. Team 011, AlphaStar PI, AlphaStar Academy, 18



Relay Round (Top Scores)

- 9. Team 067, AI 95138, AI95135, 16
- 9. Team 008, AlphaStar PHI, AlphaStar Academy, 16
- 4. Team 113, SigmaStar, Math People, 17
- 4. Team 045, Random Math Team Green, Random Math, 17
- 4. Team 044, Random Math Team Yellow, Random Math, 17
- 4. Team 020, PTMS Wolves, Pacific Trails MS Math League, 17
- 4. Team 004, BayAreaRSM1, RSM Bay Area, 17
- **3.** Team 080, The Hedgehogs, Proof School, 18
- 2. Team 011, AlphaStar PI, AlphaStar Academy, 19
- 1. Team 043, Random Math Team Red, Random Math, 20



Overall (Top Scores)

- **10.** Team 082, DES Math Team, DES Math Team, 86.502
- 9. Team 080, The Hedgehogs, Proof School, 87.256
- 8. Team 113, SigmaStar, Math People, 87.461
- 7. Team 037, Cowconuts dx, Cowconuts, 88.501
- 6. Team 004, BayAreaRSM1, RSM Bay Area, 89.899
- 5. Team 042, Random Math Team Orange, Random Math, 92.555
- 4. Team 005, AlphaStar ALPHA, AlphaStar Academy, 100.834
- 3. Team 043, Random Math Team Red, Random Math, 103.609
- 2. Team 011, AlphaStar PI, AlphaStar Academy, 104.106
- 1. Team 020, PTMS Wolves, Pacific Trails MS Math League, 105.827

