

BMT 2023 Online

January 20, 2024



Test Organizers

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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

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Sumith Nalabolu

Shreyas Swaminathan

Shashwat Bansal

Theo Danial

Tushar Gona

Wen Cao

Wentinn Liao

Youngmin Park

Power Round (Top Scores)

9. Team **160**, Tokyo Metropolitan Advanced Nurturing HS Class D, Math et al, 113
9. Team **140**, SOMOYOMO, Independent, 113
9. Team **083**, Maryland United, Maryland Orioles, 113
9. Team **078**, Lexington Beta, Lexington HS, 113
8. Team **123**, Ridley College - No Pain No Gain, Ridley College, 114
7. Team **017**, Barnet Bandits, Independent, 115
6. Team **107**, Phillips Academy, Independent, 117
5. Team **077**, Lexington Alpha, Lexington HS, 117.5
4. Team **016**, Baby Yoda Math Team, Baby Yoda Math Group, 119
3. Team **063**, HYMB, Independent, 120
2. Team **169**, Woodbridge, Independent, 123
1. Team **044**, Flexangle, Independent, 125

General Test Honorable Mention (Top 50%)

003A Ngo An Binh

003E Mai Nguyen

004A Shuyin Liu

007B Adelina Zheng

021B Alexander Zhang

025A Valentin Mitev

025B Mihaela Koleva

025D Martin Mitakov

033A Akshay Bhalla

033C Dhruv Chopra

033F Param Davda

034A Dhyey Mehta

039D Aiden Zhao

041A Oliver Cai

045A Bryan Li

045C Arjun Pai

045D Toprak Celikel

052F Matthew Krzewinski

053C YiJia Li

057D Sophia Jin

059A Lynn Kim

059E Jihan Lee

065E Sathvik Nelluri

065F Rohan Sukumar

066E Pratyush Neelakantan

067B Bruno Zhong

079A Isabella Li

088C YuTso Chao

095B Claire Yan

095E Lisa Hu

General Test Honorable Mention (Top 50%)

096B Kyle He

106A Philip Lee

114A Petr Hora

119A Matthew Liu

119F Leyan He

121B Charlie Su

121C Ronnie Zhou

121D Kaiwen Gu

121F Nicholas Man

122D Yao Zhang

122E Hanyu(Hannah) Hu

125A Aarav Ashwani

125E Joshua Sheng

126A Rohan Kommareddy

127D Shreshta Parampalli

134F Brady Gho

137E Christina Liu

139A Lucas Park

157B Anant Bhartia

157C Eklavea Shah

158C Victor Cao

166C Justin Zhang

General Test Distinguished HM (Top 20%)

004B Jonathan Judson

022F Nicholas Ng

025C Alyara Mahmudova

030B Danyang Xu

038A Chuming Li

038B David Liu

042A Christopher Sakaliyski

045B Max Xie

052D William Kim

055A Elvis Ekwelem

055D Jacob Uwakmfon

055E Agbo Adoga

056B Angela Ho

060A Brendon Ahn

060D Juan Lim

064C Goddla Vikram

085D Sriaditya Vaddadi

089A Jason Qiu

089D Helen Chen

094F Daniel Kim

095C Sarah Li

110C Xinkai Guo

123F Yiming Zhu

125B Jason Shnaper

125C Nolan Lin

134C Brendan Gho

137C Song Han Ngo

137D Daniel Ge

139B Arman Ghasemi

139F Serj Petrossian

General Test Distinguished HM (Top 20%)

159E Drishti Motwani

162A Justin Wu

166B Zifang Wu

176C Patrick Chen

General Test (Top Scores)

10. **094F**, Daniel Kim, McLean HS A, McLean HS, 19
9. **022F**, Nicholas Ng, BMT(BMT(us))=Noobs, GTA Kids, 20
8. **055D**, Jacob Uwakmfon, Graceland International School, Graceland International School, Port Harcourt, 20
7. **125C**, Nolan Lin, RSM Bay Area 5, RSM Bay Area, 20
6. **137C**, Song Han Ngo, SHS, Sammamish School, 20
5. **052D**, William Kim, GHC Mathletes, Granada Hills Charter HS, 20
4. **176C**, Patrick Chen, ZEE monkeys, Math Team, 21
3. **042A**, Christopher Sakaliyski, Euclid73, Independent, 21
2. **064C**, Goddla Vikram, ICAE-1, Indus Center for Academic Excellence, 21
1. **056B**, Angela Ho, Happy Math Club, Happy Math Club, 21

Algebra Test Honorable Mention (Top 50%)

005A Aarav Mittal

009A Will He

014A Colin Wei

014B Tristan Wang

014E Yinuo Pan

016B Josh Wang

016D Sylvia Lin

017A Anirudh Terdal

017B Dinuk Dissanayake

017C Kovid Gothi

017D Saim Khan

017F Rahul Ranjan

018E Daniel Potievsky

018F James Papaalias

019D Kevin Xia

019F Ian Liao

021A Yashnil Mohanty

022D Juncheng Zhu

026B Vanesa Kalinkova

029B Pingkang Qian

029C Bokeun Seo

029E Junho Seo

030D Brandon Ni

033B Varun Bhalla

033D Amit Vaidyanathan

033E Aarav Jalan

038F Nikhil Reddy

053A Alexander Zhang

053D Jerry Yang

056C Edward Chen

Algebra Test Honorable Mention (Top 50%)

057B Kyros Wu

059C Hyeonjong Jeong

059D Jimin Han

062A Angad Pal

062D Tarun Iyer

062E Siddharth Sangi

064A Rishabh Mahale

066C Ankita Pednekar

077E Jason Yang

079F Jonathan Liu

080B Brian Yang

081A Leo Zeng

082A Chenghao Zuo

082C Kaiwen Li

082E Jinghe Zhang

083E Jeremy Yang

090B Drik Sarkar

090C Lalith Durbhakula

095A Helen Tong

095F Olivia Lee

103A Tomiris Kurmanalina

103B Aray Kassenova

107A Jialai She

107C Paige Zhu

111B Jonathan Li

122F Leo Xu

126F William Guo

137A Jeffrey Zhao

139C Christopher Shiell

139D Jerry Zhang

Algebra Test Honorable Mention (Top 50%)

147A Andrew Zhi Ren Lin

147C Maggie Pang

148A Jack Lu

149B Max Li

149D Keji Yuan

153E Michael Li

157E Raahil Mullick

158D Anderson Hao

159D Lucile Luo

160A Sabrina Yu

166E Tess Lin

169A Marissa Huang

169D Alexander Miller

172A Bihui Gong

172C Quanyu Chen

174A William Jimenez

174E Franklyn Xue

176D Feiyang Xu

176E Darren Chu

176F Alexander Wu

Algebra Test Distinguished HM (Top 20%)

001B Ben Jump	026C Angel Hristov
001C Shaheem Samsudeen	041B Brandon Muliadi
003C Nguyen Doan Nhat	041D Dylan Frake
003D Nam Nguyễn Kim Hoàng	044D Harik Sodhi
003F Nghĩa Trương Thụ	056F Edward Li
009C Matthew Zhang	063D Batu Yalcin
016C Sahan Wijetunga	077B Christopher Cheng
018B Gabe Levin	077C Adam Ge
018C Kyle Wu	077D William Hua
018D Andrew Li	077F Samuel Wang
022A Tiger Li	078A Samuel Tsui
022B Kenny Zhang	078B Calvin Garces
022C Michael Sun	078C Zachary Perry
022E Chris Fu	078E Andrew Zhao
026A Petko Lazarov	078F Aidan Duncan

Algebra Test Distinguished HM (Top 20%)

079C Jiwu Jang

083A David Yu

083C William Qian

089E Roger Zhen

090D Akash Krothapalli

094A Aiden Feyerherm

094D Jeffrey Yin

094E Kalan Warusa

107D Harry Kim

107F Shengdao Ke

123A Bobo Li

123B Zhiyue Lin

123C Yan Xiao

123D Yihan Wen

123E Zixuan Li

134B David Sun

137B Susie Lu

140B Elyas AlFaraj

140C Mohammed Alghamdi

143B Xingguo Ding

147B Ansh Agarwal

148B Michael Lu

153C Zani Xu

153D Rohan Pavuluri

158B Patrick Du

160B Charles Ran

160C Daniel Chen

160D Manasseh Ahmed

169C Audrey Huang

174B Joshua Liu

Algebra Test Distinguished HM (Top 20%)

176B Jeffrey Hu

Algebra Test (Top Scores)

10. **083A**, David Yu, Maryland United, Maryland Orioles, 8
9. **003F**, Nghĩa Trương Thọ, 123456, Independent, 8
8. **174B**, Joshua Liu, XOOKS RBO, Independent, 8
7. **003C**, Nguyen Doan Nhat, 123456, Independent, 8
6. **148B**, Michael Lu, TBC Penguins, TBC Penguins, 8
5. **077D**, William Hua, Lexington Alpha, Lexington HS, 8
4. **137B**, Susie Lu, SHS, Sammamish School, 8
3. **026A**, Petko Lazarov, Burgas A, Union of Bulgarian Mathematicians - Burgas (UBM-Burgas), 9
2. **056F**, Edward Li, Happy Math Club, Happy Math Club, 9
1. **079C**, Jiwu Jang, Lexington Gamma, Lexington HS, 9

Calculus Test Honorable Mention (Top 50%)

017D Saim Khan

018A Aditya Pahuja

019C Tianze Qiu

040C Oliver Arkin

046B William Liu

090B Drik Sarkar

151A Aadesh Taneja

Calculus Test Distinguished HM (Top 20%)

012D Vedaansh Vijaywargiya

016B Josh Wang

016C Sahan Wijetunga

016F Fateh Aliyev

017F Rahul Ranjan

018B Gabe Levin

018E Daniel Potievsky

019D Kevin Xia

019F Ian Liao

033B Varun Bhalla

033D Amit Vaidyanathan

033E Aarav Jalan

044D Harik Sodhi

046D Aashish Karmacharya

050A Yonghao Jin

050C Jonathan Li

050F Vincent Li

056F Edward Li

063D Batu Yalcin

077F Samuel Wang

079C Jiwu Jang

090D Akash Krothapalli

107A Jialai She

107E Eric Wang

111B Jonathan Li

134E Nishanth Tharakan

143B Xingguo Ding

147E Bala Venkataraman

151B Kabir Sahni

151C Arnab Wadikar

Calculus Test Distinguished HM (Top 20%)

157A Aadi Kothari
157E Raahil Mullick
158A Shaurya Bisht

166A Bryan Zhu
174C Tarun Rapaka

Calculus Test (Top Scores)

10. **016F**, Fateh Aliyev, Baby Yoda Math Team, Baby Yoda Math Group, 7
9. **107E**, Eric Wang, Phillips Academy, Independent, 7
8. **143B**, Xingguo Ding, SPS Team 2, St. Paul's School, 7
7. **090D**, Akash Krothapalli, Math1234, Redmond HS, 7
6. **033E**, Aarav Jalan, Dhirubhai Ambani International School, Dhirubhai Ambani International School, 7
5. **018E**, Daniel Potievsky, Baymax, Independent, 7
4. **019D**, Kevin Xia, BBMC-math Delta, Bonnie Branch Math Circle (BBMC-Math.com), 8
3. **107A**, Jialai She, Phillips Academy, Independent, 8
2. **079C**, Jiwu Jang, Lexington Gamma, Lexington HS, 9
1. **056F**, Edward Li, Happy Math Club, Happy Math Club, 9

Discrete Test Honorable Mention (Top 50%)

001D Arjun Suresh

009D Daniel Zhou

009F Michelle Zhang

014A Colin Wei

022A Tiger Li

022B Kenny Zhang

029A Elisa Chen

038F Nikhil Reddy

041B Brandon Muliadi

062E Siddharth Sangi

063B Efe Enhos

063C Mehmet Can Bastemir

077A Jerry Xu

077E Jason Yang

078B Calvin Garces

083C William Qian

083D David Wang

083F Nathan Lu

089E Roger Zhen

126F William Guo

137A Jeffrey Zhao

147D Darian Yan

160C Daniel Chen

160F Jiahao Yu

Discrete Test Distinguished HM (Top 20%)

005A Aarav Mittal

009C Matthew Zhang

014D Xinyi Li

016E Hugh Cheng

018D Andrew Li

022E Chris Fu

028C Shaohuan Zhang

030E Selena Ge

041C Atharv Naphade

056A Sebastian Chase

056C Edward Chen

056D Raymond Zhao

078C Zachary Perry

078D Alexander Duncan

078E Andrew Zhao

078F Aidan Duncan

083A David Yu

083B Daniel Yu

083E Jeremy Yang

085C Karn Chutinan

089B Oron Wang

089C Alan Cheng

094A Aiden Feyerherm

094D Jeffrey Yin

094E Kalan Warusa

107D Harry Kim

107E Eric Wang

107F Shengdao Ke

139E Dante Dam

140B Elyas AlFaraj

Discrete Test Distinguished HM (Top 20%)

140C Mohammed Alghamdi

147B Ansh Agarwal

153A Catherine Xu

153C Zani Xu

153E Michael Li

158B Patrick Du

160B Charles Ran

166A Bryan Zhu

169A Marissa Huang

169C Audrey Huang

174D Thomas Chen

174F Luca Pieleanu

Discrete Test (Top Scores)

7. **169C**, Audrey Huang, Woodbridge, Independent, 7
7. **169A**, Marissa Huang, Woodbridge, Independent, 7
7. **166A**, Bryan Zhu, Washington Blasters, Washington Blasters, 7
7. **160B**, Charles Ran, Tokyo Metropolitan Advanced Nurturing HS Class D, Math et al, 7
7. **158B**, Patrick Du, TJ F, Independent, 7
7. **153C**, Zani Xu, that's crazy, math organization thing, 7
7. **153A**, Catherine Xu, that's crazy, math organization thing, 7
7. **147B**, Ansh Agarwal, superpwnagemarcgarneau28980, Marc Garneau Collegiate Institute, 7
7. **094A**, Aiden Feyerherm, McLean HS A, McLean HS, 7
7. **089B**, Oron Wang, Math 4 Fun, Math 4 Fun, 7
7. **085C**, Karn Chutinan, Mass ARML Stars, Mass ARML, 7
7. **078F**, Aidan Duncan, Lexington Beta, Lexington HS, 7
7. **056D**, Raymond Zhao, Happy Math Club, Happy Math Club, 7
7. **030E**, Selena Ge, Clarke, Selena, 7
7. **018D**, Andrew Li, Baymax, Independent, 7
7. **016E**, Hugh Cheng, Baby Yoda Math Team, Baby Yoda Math Group, 7
7. **014D**, Xinyi Li, Amazing Five, Huang Homeschool, 7
6. **174D**, Thomas Chen, XOOKS RBO, Independent, 8
5. **078C**, Zachary Perry, Lexington Beta, Lexington HS, 8
4. **089C**, Alan Cheng, Math 4 Fun, Math 4 Fun, 8
3. **140C**, Mohammed Alghamdi, SOMOYOMO, Independent, 8
2. **078E**, Andrew Zhao, Lexington Beta, Lexington HS, 8
1. **140B**, Elyas AlFaraj, SOMOYOMO, Independent, 8

Geometry Test Honorable Mention (Top 50%)

001C Shaheem Samsudeen

009B Jessica Wu

014E Yinuo Pan

016D Sylvia Lin

016E Hugh Cheng

018F James Papaelias

021A Yashnil Mohanty

026B Vanesa Kalinkova

028B Qiyun Chen

028C Shaohuan Zhang

029B Pingkang Qian

030C Alice Yin

038D Kaitlyn Fan

044E Shreyas Mone

050E Ian Pau

053D Jerry Yang

056E William Qian

057B Kyros Wu

057E Aiden Zhang

062B Pierce Cai

062C Sounak Debnath

080A Lucas Chang

080C Andrew Shan

090C Lalith Durbhakula

112A Yanhuan He

123A Bobo Li

123B Zhiyue Lin

123C Yan Xiao

123D Yihan Wen

123E Zixuan Li

Geometry Test Honorable Mention (Top 50%)

128A Rutvik Arora

139D Jerry Zhang

159C Ryan Karim

160F Jiahao Yu

162E Minglang Chen

Geometry Test Distinguished HM (Top 20%)

001B Ben Jump

003C Nguyen Doan Nhat

003D Nam Nguyễn Kim Hoàng

003F Nghĩa Trương Thụ

009D Daniel Zhou

009E Justin Hu

014B Tristan Wang

014D Xinyi Li

016F Fateh Aliyev

017B Dinuk Dissanayake

017C Kovid Gothi

018A Aditya Pahuja

018C Kyle Wu

022C Michael Sun

026A Petko Lazarov

026C Angel Hristov

029C Bokeun Seo

029E Junho Seo

030A Charles Chen

030D Brandon Ni

030E Selena Ge

038E Harini Venkatesh

041C Atharv Naphade

041D Dylan Frake

053A Alexander Zhang

056A Sebastian Chase

056D Raymond Zhao

059D Jimin Han

063A Hilmican Sogutlu

063C Mehmet Can Bastemir

Geometry Test Distinguished HM (Top 20%)

064A Rishabh Mahale

064F William Dong

077A Jerry Xu

077C Adam Ge

077D William Hua

079E Bill Tang

079F Jonathan Liu

080B Brian Yang

081A Leo Zeng

082A Chenghao Zuo

082B Guanchen Qu

082C Kaiwen Li

082D Pengjin Yang

082E Jinghe Zhang

083B Daniel Yu

083F Nathan Lu

085C Karn Chutinan

089B Oron Wang

089C Alan Cheng

094B Junyong Chang

107B Zenghan Feng

119D Minzhen Ni

137B Susie Lu

142D Victoria Zhang

147A Andrew Zhi Ren Lin

147C Maggie Pang

148B Michael Lu

149B Max Li

149D Keji Yuan

153A Catherine Xu

Geometry Test Distinguished HM (Top 20%)

153D Rohan Pavuluri

158D Anderson Hao

160A Sabrina Yu

160D Manasseh Ahmed

172A Bihui Gong

172B Tim Lu

174A William Jimenez

174B Joshua Liu

174C Tarun Rapaka

174D Thomas Chen

174F Luca Pieleanu

Geometry Test (Top Scores)

- 7. **174A**, William Jimenez, XOOKS RBO, Independent, 7
- 7. **153D**, Rohan Pavuluri, that's crazy, math organization thing, 7
- 7. **083F**, Nathan Lu, Maryland United, Maryland Orioles, 7
- 7. **077C**, Adam Ge, Lexington Alpha, Lexington HS, 7
- 7. **056A**, Sebastian Chase, Happy Math Club, Happy Math Club, 7
- 7. **053A**, Alexander Zhang, gleb, Marc Garneau Collegiate Institute, 7
- 6. **003D**, Nam Nguyễn Kim Hoàng, 123456, Independent, 8
- 5. **003C**, Nguyen Doan Nhat, 123456, Independent, 8
- 4. **003F**, Nghĩa Trương Thọ, 123456, Independent, 8
- 3. **016F**, Fateh Aliyev, Baby Yoda Math Team, Baby Yoda Math Group, 8
- 2. **137B**, Susie Lu, SHS, Sammamish School, 8
- 1. **089B**, Oron Wang, Math 4 Fun, Math 4 Fun, 9

Guts Round (Top Scores)

10. Team **176**, ZEE monkeys, Math Team, **173**
9. Team **160**, Tokyo Metropolitan Advanced Nurturing HS Class D, Math et al, **182**
8. Team **174**, XOOKS RBO, Independent, **186**
7. Team **016**, Baby Yoda Math Team, Baby Yoda Math Group, **190**
6. Team **041**, Epic Gamers, Epic Gamers, **198**
5. Team **078**, Lexington Beta, Lexington HS, **199**
4. Team **030**, Clarke, Selena, **202**
3. Team **089**, Math 4 Fun, Math 4 Fun, **214**
2. Team **094**, McLean HS A, McLean HS, **216**
1. Team **056**, Happy Math Club, Happy Math Club, **229**

Overall (Top Scores)

10. Team **107**, Phillips Academy, Independent, 160.111
9. Team **160**, Tokyo Metropolitan Advanced Nurturing HS Class D, Math et al, 162.317
8. Team **077**, Lexington Alpha, Lexington HS, 162.744
7. Team **041**, Epic Gamers, Epic Gamers, 164.969
6. Team **094**, McLean HS A, McLean HS, 167.804
5. Team **153**, that's crazy, math organization thing, 168.408
4. Team **174**, XOOKS RBO, Independent, 169.844
3. Team **089**, Math 4 Fun, Math 4 Fun, 177.004
2. Team **078**, Lexington Beta, Lexington HS, 177.635
1. Team **056**, Happy Math Club, Happy Math Club, 183.659