

**EMCC 2024**

# Results



# Top Individuals

Overall		
Rank	Name (team)	Score <sub>/150</sub>
1	Brandon Ni (Clarke)	111
2	Vihaan Gupta (Random Math Team Red)	111
3	Eric Huang (4 The Win)	108
4	Selena Ge (Clarke)	105
5	Soham Samantha (Clarke)	99
6	Luca Pieleanu (we only came for the pizza)	96
7	Danyang Xu (Clarke)	90
8	Joshua Liu (we only came for the pizza)	90
9	Sohan Javeri (Westchester Area Math Circle Blue)	90
10	Tanish Parida (we only came for the pizza)	90

Speed Round		
Rank	Name	Score <sub>/20</sub>
1	Selena Ge	17
2	Vihaan Gupta	16
3	Brandon Ni	16
4	Danyang Xu	15
5	Joshua Liu	15
6	Sohan Javeri	15
7	Tanish Parida	15
8	Eric Huang	15
9	Luca Pieleanu	14
10	Ethan Ben-Yehuda	13
10	Ashley Zhu	13
10	Benjamin Li	13

Accuracy Round		
Rank	Name	Score <sub>/10</sub>
1	Brandon Ni	7
2	Vihaan Gupta	7
2	Eric Huang	7
2	Soham Samantha	7
5	Eric Chen	6
6	Selena Ge	6
7	Luca Pieleanu	6
7	Keith Li	6
9	Danyang Xu	5
10	Sohan Javeri	5
10	Tanish Parida	5
10	Joshua Liu	5
10	Bobby Qian	5
10	Hayden Hughes	5
10	Yunong Wu	5
10	Serena Diamond	5

# Top Teams

Overall		
Rank	Team	Score <sub>/1200</sub>
1	Clarke	866
2	Random Math Team Red	766
3	we only came for the pizza	673
4	Westchester Area Math Circle Blue	659
5	4 The Win	640
6	Random Math Team Blue	620
7	MMS7	523
8	Individuals 1	458
9	Pyswagoras	418
10	Westchester Area Math Circle Red	417

Team Round		
Rank	Name	Score <sub>/15</sub>
1	Random Math Team Red	13
2	Clarke	13
3	we only came for the pizza	9
4	Westchester Area Math Circle Blue	9
5	MMS7	9
6	Random Math Team Blue	8
7	4 The Win	9
8	Eaglebrook 1	6
9	Individuals 1	6
10	Individuals 3	6

Guts Round		
Rank	Name	Score <sub>/300</sub>
1	Clarke	201
2	Random Math Team Blue	196
3	Westchester Area Math Circle Blue	194
4	Random Math Team Red	191
5	Individuals 1	164
6	4 The Win	150
7	We only came for the pizza	148
8	Pyswagoras	135
9	Team Algebros	134
10	Newman School	117

# Scoring Rules

## Individual scoring:

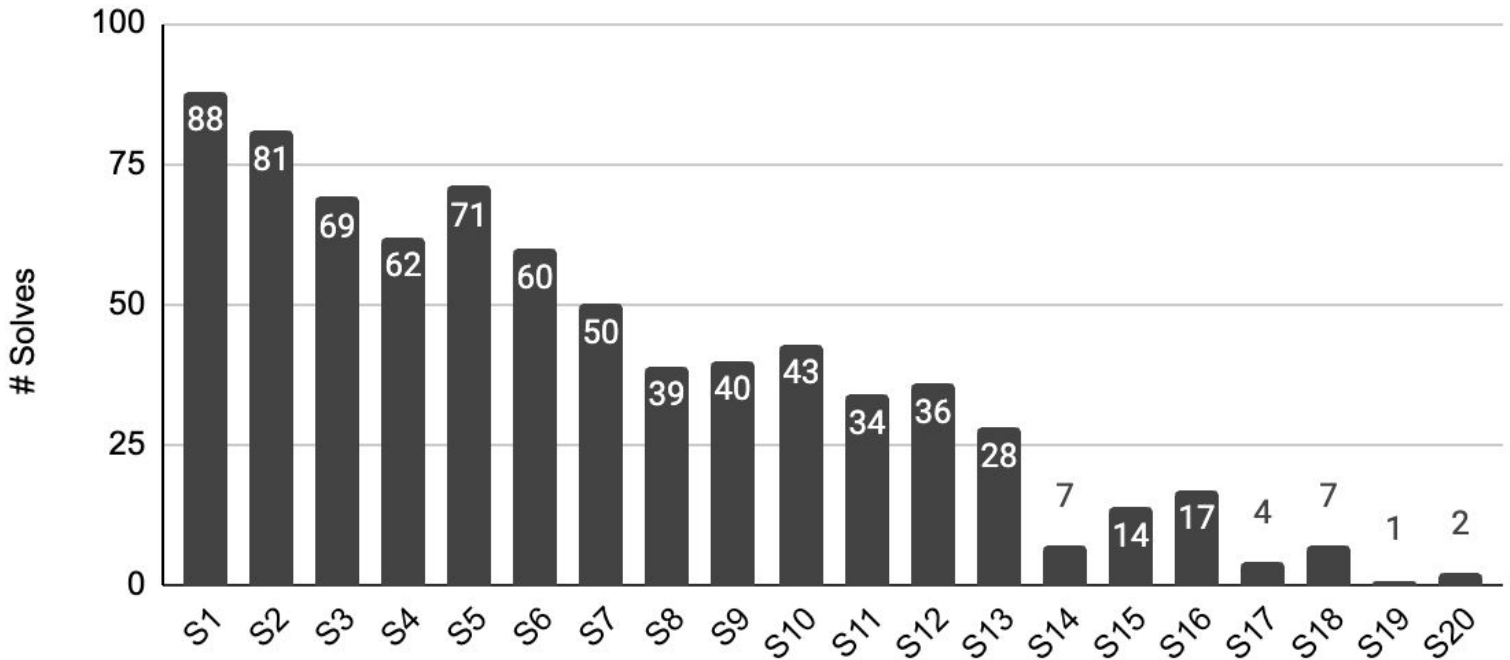
- The speed round consists of **20 questions**, with **3 points** earned for each correct answer.
- The accuracy round consists of **10 questions**, with **9 points** earned for each correct answer.
- An individual's score is determined by the **total number of points they earned**, for a total of **150 points**.
- For rankings on the speed round and accuracy round, ties are broken as follows: the student who solved the highest numbered problem is favored. If a tie still persists, the next highest numbered problem is considered, and so on. A tie will not be broken in the case where two students or teams solved the exact same set of problems.
- For overall individual rankings, the student who ranked higher in the accuracy round is favored. If a tie still persists, the student who ranked higher in the speed round is favored.
- **No individual or team will be tie-broken out of the top 10.** For example, in the case of a three-way tie for the 9th place individual, after tie-breaking there will be one person receiving 9th place and two receiving 10th place.

## Team scoring:

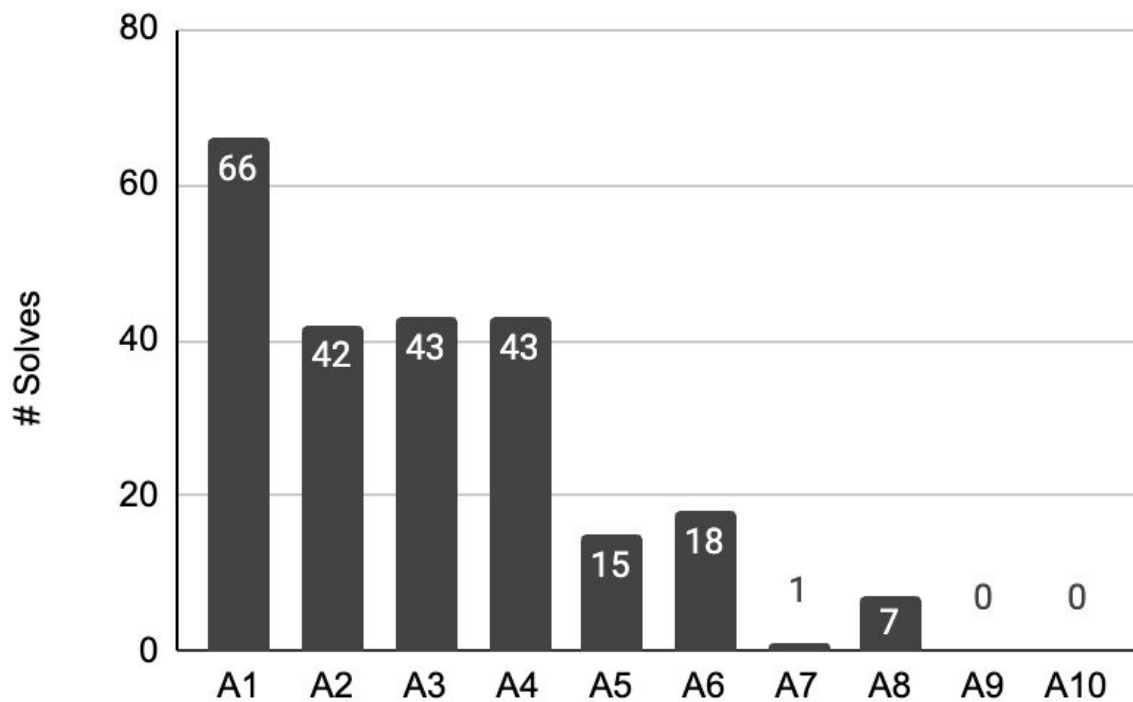
- The team round consists of **15 questions**, with **20 points** earned for each correct answer.
- The guts round consists of **24 questions** with differing weights, for a **total of 600 points**.
- A team's sweepstakes score is determined by the total number of points earned in the two rounds, plus the total number of points earned by the four team members on the individual rounds, for a total of **1200 points**.
- Team round and guts round ties are broken in a similar fashion to that of the speed round and accuracy round.
- For overall team rankings, the team who ranked higher in the guts round is favored. If a tie still persists, the team who ranked higher in the team round is favored.

# Problem Difficulty

## *Speed Round*

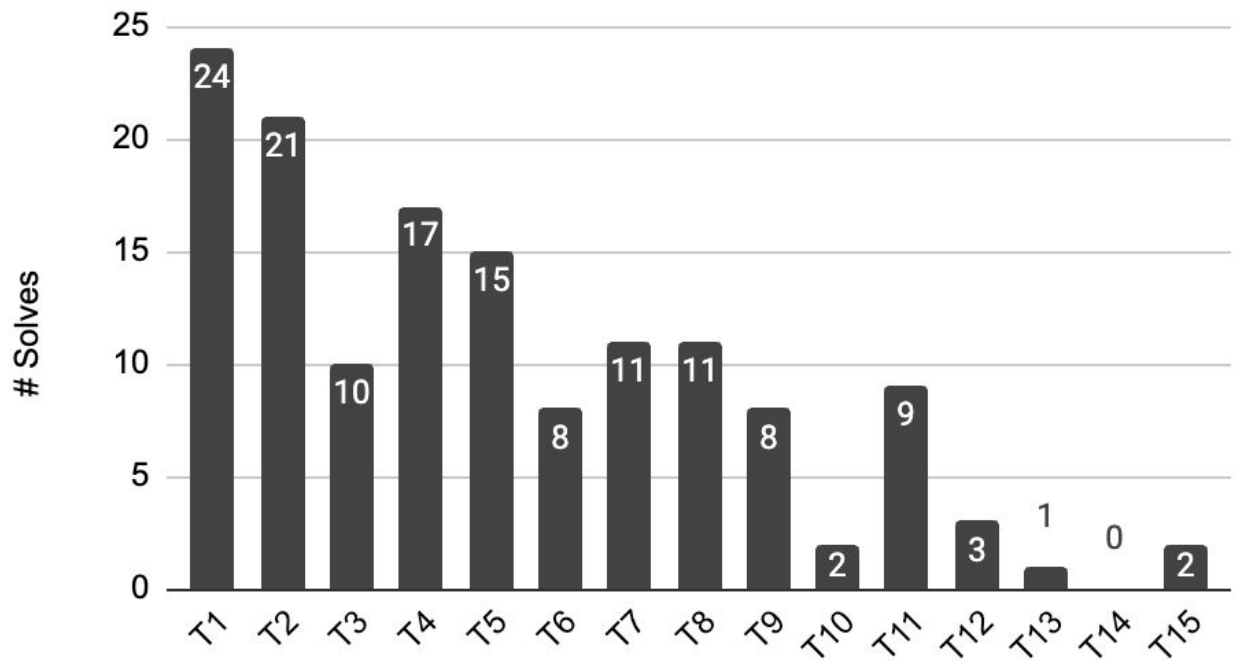


## *Accuracy Round*



# Problem Difficulty (cont'd)

## *Team Round*



## *Guts Round*

