

# MOAA 2019 Results

A total of 144 individual competitors representing 28 different teams competed at the 2019 Math Open At Andover on October 12, 2019. Competition results are listed below.

## 1 Speed Round

The Speed Round was a 20-minute, 10-problem test. Each problems was worth one point, for a total of 10 points. Ties were broken lexicographically by most advanced problem solved (in terms of problem placement).

<b>Place</b>	<b>Name</b>	<b>Team</b>	<b>Grade</b>	<b>Score</b>
1	Alan Bu	CCC Math	8	10
2	Tina Li	Captain Mathvel	8	9
3	Wilbert Chu	Amazing ILLINI	8	9
3	Catherine Li	Captain Mathvel	8	9
3	Samuel Wang	Dunan League Returns	7	9
3	Vivian Loh	Individual	8	9
7	Aidan Duncan	Dunan League Returns	8	8
8	Ivy Zheng	ACM	8	7
9	Jeffrey Xu	Westford Golden Owls	6	7
10	Anthony Yang	Individual	7	7

## 2 Accuracy Round

The Accuracy Round was a 60-minute, 10-problem test. Each problem was worth one point, for a total of 10 points. Ties were broken lexicographically by most advanced problem solved (in terms of problem placement).

<b>Place</b>	<b>Name</b>	<b>Team</b>	<b>Grade</b>	<b>Score</b>
1	Alan Bu	CCC Math	8	10
2	Wilbert Chu	Amazing ILLINI	8	8
3	Michelle Kang	Captain Mathvel	8	7
4	Andrew Zhao	Dunan League Returns	8	7
5	Tina Li	Captain Mathvel	8	6
6	Ivy Zheng	ACM	8	6
7	Vivian Loh	Individual	8	6
8	Katherine Liu	Captain Mathvel	7	5
9	Justin Mo	CCC Math	8	5
10	Henry Han	Wayland Middle School	7	5

### 3 Individual Total

The individual total of an individual was calculated by adding four times their speed round score to six times their accuracy round score, for a total of 100 points. Ties were broken by higher accuracy round score, and then lexicographically by most advanced problem solved (in terms of problem placement), starting with the speed round and then moving to the accuracy round.

Place	Name	Team	Grade	Score
1	Alan Bu	CCC Math	8	100
2	Wilbert Chu	Amazing ILLINI	8	84
3	Tina Li	Captain Mathvel	8	72
4	Vivian Loh	Individual	8	72
5	Michelle Kang	Captain Mathvel	8	70
6	Andrew Zhao	Dunan League Returns	8	66
7	Ivy Zheng	ACM	8	64
8	Catherine Li	Captain Mathvel	8	60
9	Aidan Duncan	Dunan League Returns	8	56
10	Katherine Liu	Captain Mathvel	7	54

### 4 Honorable Mentions

Three awards were given to the top three seventh graders who were not in the top ten, and two awards were given to the top two sixth graders and below who were not in the top ten.

#### 4.1 7th grade

Place	Name	Team	Grade	Score
1	Samuel Wang	Dunan League Returns	7	54
2	Anthony Yang	Individual	7	52
3	Henry Han	Wayland Middle School	7	50

#### 4.2 6th grade and below

Place	Name	Team	Grade	Score
1	Jeffrey Xu	Westford Golden Owls	6	46
2	Albert Lu	Alpha STEM	6	30

### 5 Team Round

The Team Round was a 60-minute, 10-problem test for teams. Problems 1-10 were worth 45, 50, 55, 60, 65, 70, 75, 80, 85, and 90 points, respectively, for a total of 675 points. Ties were broken lexicographically by most advanced problem solved (in terms of problem placement).

Place	Team	Score
1	Dunan League Returns	345
2	CCC Math	295
3	ACM	275
4	Captain Mathvel	215
5	ActonBoxboro	210

## 6 Gunga Bowl

The Gunga Bowl was a 90-minute round consisting of 9 3-problem sets. Each problem in sets 1-9 were worth 11, 13, 15, 17, 19, 21, 23, 26, and 30 points, respectively, for a total of 525 points. Set 9 consisted of 3 estimation problems. Ties were broken lexicographically by most advanced problem solved (in terms of problem placement).

<b>Place</b>	<b>Team</b>	<b>Score</b>
1	Dunan League Returns	354
2	ACM	342
3	CCC Math	341
4	Captain Mathvel	316
5	Amazing ILLINI	298

## 7 Team Sweepstakes

Team Sweepstakes was calculated by adding twice the sum of the top four individual scores on a team with the team round score and the Gunga Bowl score, for a total of 2000 points. Ties were broken by highest individual sum, then highest team round score, then lexicographically by most advanced problem solved on the team round (in terms of problem placement).

<b>Place</b>	<b>Team</b>	<b>Score</b>
1	Dunan League Returns	1155
2	CCC Math	1060
3	Captain Mathvel	1043
4	ACM	997
5	Amazing ILLINI	740