

2007 Results of the Wake Technical Community College Regional State Math Contest

Comprehensive

Frequency Distribution of Scores

Score	# of Participants in Range
110 – 119	2
100 – 109	3
90 – 99	0
80 – 89	1
70 – 79	3
60 – 69	1
50 – 59	5
40 – 49	12
30 – 39	10
Below 30	24

Mean Score – 40.21

Standard Deviation – 28.37

Median – 37

Most Difficult Multiple Choice Questions – 24 and 25

Easiest Multiple Choice Questions – 19 and 21

Most Answered Short Answer Question – 66

Top Twenty-five Individuals

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|--------------------------|-------------------------------|
| 1. Jeremy Hahn | East Chapel High School |
| 2. Vivek Bhattacharya | Enloe High School |
| 3. Mikhail Lavrov | Enloe High School |
| 4. William Schlieper | Green Hope High School |
| 5. Daniel Vitek | Enloe High School |
| 6. Yakov Berchenko-Kogan | Broughton High School |
| 7. Damien Jiang | Cary Academy |
| 8. Lizi Chen | Enloe High School |
| 9. Varun Puvanesarajah | East Chapel High School |
| 10. Haoyu Chen | Enloe High School |
| 11. Eason Lee | Green Hope High School |
| 12. Michelle Luo | Cary Academy |
| 13. Arjun Bhattacharya | Ligon Middle School |
| 14. Patrick Short | Sanderson High School |
| 15. Jerry Feng | East Chapel High School |
| 16. Brian Simel | Jordan High School |
| 17. Katherine Rettig | H.O.M.E. |
| 18. Kevin Li | Enloe High School |
| 19. Nikolai Lifanov | Broughton High School |
| 20. Victoria Ma | Broughton High School |
| 21. Jennifer Molnar | East Chapel High School |
| 22. Kevin Seigl | Enloe High School |
| 23. Robert Murphy | Cary Academy |
| 24. Diana Woodall | Cary Academy |
| 25. Bryan Wolf | Green Hope High School |
| 25. Charles Gaul IV | Southeast Raleigh High School |

Top Five Schools

1. Enloe High School
2. East Chapel High School
3. Green Hope High School
4. Cary Academy
5. Broughton High School

Algebra II

Frequency Distribution of Scores

Score	# of Participants in Range
80 – 99	2
60 – 79	1
40 – 59	5
20 – 39	11
Below 20	10

Mean Score – 30.66

Standard Deviation – 23.14

Median – 29

Most Difficult Multiple Choice Questions – 1 and 25

Easiest Multiple Choice Questions – 16 and 18

Most Answered Short Answer Question – 66 and 69

Top Fifteen Individuals

1. Claire Zeng
2. Michael Bai
3. Ben Clark
4. Jeff Holland
5. Christopher Kao
6. Lilliana Morris
7. James Ding
8. William Su
9. Karthik Ardhanareeswaran
10. Therice Morris
11. Taylor Johnson
12. Michael Hall
13. Lilian Kang
14. Matt Makansi
15. John Peebles

1. Ligon Middle School
2. Ligon Middle School
3. Jordan High School
4. Jordan High School
5. Southeast Raleigh High School
6. Jordan High School
7. Ligon Middle School
8. Ligon Middle School
9. Ligon Middle School
10. Cary Academy
11. Cary Christian School
12. Jordan High School
13. Ligon Middle School
14. Cary Academy
15. Cary Academy

Top Four Schools

1. Ligon Middle School
2. Jordan High School
3. Cary Academy
4. Southeast Raleigh High School

Geometry

Frequency Distribution of Scores

Score	# of Participants in Range
120 – 129	1
100 – 109	1
90 – 99	2
80 – 89	5
70 – 79	9
60 – 69	6
50 – 59	3
40 – 49	10
30 – 39	7
Below 30	16

Mean Score – 49.67

Standard Deviation – 27.72

Median – 43.5

Most Difficult Multiple Choice Questions – 16 and 23

Easiest Multiple Choice Questions – 6 and 12

Most Answered Short Answer Question – 67

Top Twenty-five Individuals

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|----------------------|-------------------------------|
| 1. Marshall Lochbaum | Martin Middle School |
| 2. Jessie Duan | Ligon Middle School |
| 3. Peitong Duan | Davis Drive Middle School |
| 3. Kimberly Yao | Ligon Middle School |
| 4. Jason Chow | Cary Academy |
| 5. Amit Katyayan | West Cary Middle School |
| 6. Yash Agrawal | Martin Middle School |
| 7. Evan Zayas | Cary Academy |
| 8. Kyle Grant | Smith Middle School |
| 9. Jeffrey Dudek | Cary Academy |
| 10. Woong SooLee | Leesville Road Middle School |
| 11. Michael Gao | Smith Middle School |
| 12. Daniel Kong | Guy B. Phillips Middle School |
| 13. William Story | Martin Middle School |
| 14. Henry Tian | Smith Middle School |
| 15. Nikesh Doshi | Davis Drive Middle School |
| 16. Ricky Hopper | Ligon Middle School |
| 17. Patrick Jones | Ligon Middle School |
| 18. Kaela Cogswell | Smith Middle School |
| 19. Lydia Thurman | Daniel Middle School |
| 20. Matt Davidson | Wakefield Middle School |
| 21. Evan Alexandre | West Cary Middle School |
| 22. Connor McNally | Leesville Road Middle School |
| 23. Burt Driscoll | Daniel Middle School |
| 24. Bobby Stocking | McDougle Middle School |
| 25. Jimmy Zhang | Guy B. Phillips Middle School |

Top Five Schools

1. Martin Middle School
2. Smith Middle School
3. Cary Academy
4. Ligon Middle School
5. Daniel Middle School

Algebra I

Frequency Distribution of Scores

Score	# of Participants in Range
120 – 129	2
100 – 109	1
90 – 99	1
70 – 79	2
60 – 69	12
50 – 59	10
40 – 49	20
30 – 39	18
Below 30	20

Mean Score – 44.71

Standard Deviation – 22.11

Median – 43

Most Difficult Multiple Choice Questions – 2 and 25

Easiest Multiple Choice Questions – 6, 14, and 16

Most Answered Short Answer Question – 66 and 67

Top Twenty-eight Individuals

1. Nick Tobey	Ligon Middle School
2. Allen Yang	West Cary Middle School
3. James Yang	Martin Middle School
4. Lisa Zheng	West Cary Middle School
5. Thomas Fesperman	Carrington Middle School
6. Michael Small	West Cary Middle School
7. Margaret Pearce	Davis Drive Middle School
8. Aidan Carroll	Ravenscroft
9. Larry Han	Leesville Road Middle School
10. Eric Schafer	West Cary Middle School
11. Ioan Bolohan	Durant Road Middle School
12. Emily Chan	West Cary Middle School
13. Richard Lu	Guy B. Phillips Middle School
14. Keegan McBride	Daniel Middle School
15. Matt Lee	Daniel Middle School
16. Connie Zhong	Guy B. Phillips Middle School
17. Hyung Bae	Culbreth Middle School
18. Ben Hu	Martin Middle School
19. Julie Cui	Smith Middle School
20. Brendan Burns	Durant Road Middle School
21. Daniel Shin	Leesville Road Middle School
22. Andrew DeJong	Smith Middle School
23. Esther Rolf	Smith Middle School
24. Anish Patel	Martin Middle School
25. Justin Palpant	Leesville Road Middle School
26. Kerry Cheng	Ligon Middle School
27. Sanjana Prabhu	Ligon Middle School
28. Faith O' Brian	Ravenscroft

Top Seven Schools

1. West Cary Middle School
2. Martin Middle School
3. Ligon Middle School
4. Guy B. Phillips Middle School
5. Leesville Road Middle School
6. Smith Middle School
7. Durant Road Middle School