

# 2011 Results of the Wake Technical Community College Regional State Math Contest

## Comprehensive

### Frequency Distribution of Scores

Score	# of Participants in Range
<b>140 – 150</b>	<b>1</b>
<b>130 – 139</b>	<b>4</b>
<b>120 – 129</b>	<b>1</b>
<b>100 – 109</b>	<b>2</b>
<b>90 – 99</b>	<b>2</b>
<b>80 – 89</b>	<b>3</b>
<b>70 – 79</b>	<b>1</b>
<b>60 – 69</b>	<b>11</b>
<b>50 – 59</b>	<b>5</b>
<b>40 – 49</b>	<b>11</b>
<b>30 – 39</b>	<b>12</b>
<b>Below 30</b>	<b>40</b>

Mean Score – 41.1

Standard Deviation – 35.73

Median – 35

Most Difficult Multiple Choice Questions – 18, 20, 25

Easiest Multiple Choice Question – 7

### Top Twenty-five Individuals

- |                        |                              |
|------------------------|------------------------------|
| 1. Calvin Deng         | Enloe High School            |
| 2. Jeffrey An          | Green Hope High School       |
| 3. Tony Li             | Raleigh Charter High School  |
| 4. Marshall Lochbaum   | Raleigh Charter High School  |
| 5. Allen Yang          | Cary Academy                 |
| 6. Jason Liang         | Enloe High School            |
| 7. David Hemminger     | Sanderson High School        |
| 8. Amitoj Singh        | Enloe High School            |
| 9. Landon Carter       | Apex High School             |
| 10. David Wheaton      | Carrboro High School         |
| 11. Jeffrey Dudek      | Cary Academy                 |
| 12. Daniel Kong        | East Chapel Hill High School |
| 13. Mitchell Hallman   | Millbrook High School        |
| 14. Matt Lee           | Apex High School             |
| 15. Mark Greenfield    | Enloe High School            |
| 16. Woong-Soo Lee      | Leesville Road High School   |
| 16. Connor Rowe        | Millbrook High School        |
| 16. Keegan McBride     | Sanderson High School        |
| 19. Arjun Bhattacharya | Enloe High School            |
| 20. Daniel Liu         | East Chapel Hill High School |
| 21. Tom Chang          | East Chapel Hill High School |
| 21. Burt Driscoll      | Sanderson High School        |
| 23. Jason Seibert      | Apex High School             |
| 23. Laura Keller       | Raleigh Charter High School  |
| 25. Andrew Zhou        | Raleigh Charter High School  |

### Top Ten Schools

1. Enloe High School
2. Raleigh Charter High School
3. Cary Academy
4. Sanderson High School
4. Apex High School
5. Green Hope High School
5. East Chapel Hill High School
8. Millbrook High School
9. Ravenscroft
10. Carrboro High School

## Algebra II

### Frequency Distribution of Scores

Score	# of Participants in Range
<b>140 – 150</b>	<b>3</b>
<b>130 – 139</b>	<b>1</b>
<b>110 – 119</b>	<b>1</b>
<b>100 – 109</b>	<b>2</b>
<b>90 – 99</b>	<b>1</b>
<b>80 – 89</b>	<b>0</b>
<b>70 – 79</b>	<b>3</b>
<b>60 – 69</b>	<b>4</b>
<b>50 – 59</b>	<b>2</b>
<b>40 – 49</b>	<b>9</b>
<b>30 – 39</b>	<b>12</b>
<b>20 – 29</b>	<b>21</b>
<b>Below 20</b>	<b>31</b>

Mean Score – 35.14

Standard Deviation – 33.24

Median – 25.5

Most Difficult Multiple Choice Questions – 12 and 25

Easiest Multiple Choice Question – 14

#### Top Twenty-five Individuals

- |                           |                               |
|---------------------------|-------------------------------|
| 1. Evan Liang             | Ligon Middle School           |
| 2. Peter Luo              | Ligon Middle School           |
| 3. Michael An             | Davis Drive Middle School     |
| 4. Franklin Chen          | Ligon Middle School           |
| 5. Alex Chang             | Guy B. Phillips Middle School |
| 6. Rajesh Polavoram       | Carnage Middle School         |
| 7. Jenny Wang             | Ligon Middle School           |
| 8. Gordon Ma              | Ligon Middle School           |
| 9. Anne Feng              | Enloe High School             |
| 10. JinWoo OK             | Cary Academy                  |
| 11. Kyle Lerch            | Cary Academy                  |
| 12. Kevin Gao             | Carnage Middle School         |
| 13. Gautam Nagaraj        | Green Hope High School        |
| 13. Howard Li             | Ligon Middle School           |
| 15. Arnav Subramanya      | Guy B. Phillips Middle School |
| 16. Viktor Zenkov         | At His Feet School            |
| 17. Nathan Wiggins        | Cary Christian                |
| 18. Julia Le              | Smith Middle School           |
| 19. Davey Dickson         | Millbrook High School         |
| 20. Victoria Wang         | Enloe High School             |
| 21. Nick Hawk             | Cary High School              |
| 22. Carrie Schellenberger | Cary Academy                  |
| 23. Vinit Ranjan          | Carnage Middle School         |
| 23. Will Pearce           | Green Hope High School        |
| 25. Sambit Panda          | Enloe High School             |

#### Top Ten Schools

1. Ligon Middle School
2. Carnage Middle School
3. Guy B. Phillips Middle School
4. Cary Academy
5. Enloe High School
6. Sanderson High School
7. Millbrook High School
8. Raleigh Charter High School
9. Ravenscroft
10. Cary High School

## Geometry

### Frequency Distribution of Scores

Score	# of Participants in Range
<b>110 – 119</b>	<b>2</b>
<b>100 – 109</b>	<b>3</b>
<b>90 – 99</b>	<b>1</b>
<b>80 – 89</b>	<b>4</b>
<b>70 – 79</b>	<b>2</b>
<b>60 – 69</b>	<b>5</b>
<b>50 – 59</b>	<b>10</b>
<b>40 – 49</b>	<b>7</b>
<b>30 – 39</b>	<b>13</b>
<b>20 – 29</b>	<b>10</b>
<b>Below 20</b>	<b>19</b>

Mean Score – 40.63

Standard Deviation – 30.01

Median – 37

Most Difficult Multiple Choice Questions – 12 and 13

Easiest Multiple Choice Question – 3 and 6

### Top Twenty-five Individuals

1. Cindy Chen	Ligon Middle School
2. Joonha Lee	Martin Middle School
3. Matt Zheng	Carnage Middle School
4. James Wood	Ligon Middle School
5. Yujian Tang	Ligon Middle School
6. Rish Sundaresan	Carnage Middle School
7. Blaise Whitesell	Guy B. Phillips Middle School
8. Amos Pomp	Guy B. Phillips Middle School
9. Shreyas Kolavennu	Ligon Middle School
10. Sahana Raghunathan	Green Hope High School
11. Jennifer Zuo	Smith Middle School
12. Kylie Wu	Green Hope High School
13. Benek Bolohan	Millbrook High School
14. Nic Byron	Daniels Middle School
14. Katherine Wang	Smith Middle School
16. Billy Morgenlander	Jordan High School
16. John Lee	Leesville Road Middle School
18. Megan Laney	Davis Drive Middle School
19. Carter Pape	Jordan High School
20. Jerry Pan	Carnage Middle School
20. Neel Prabhu	Davis Drive Middle School
20. Ruiwen Ma	Martin Middle School
23. Christiana Cornea	Davis Drive Middle School
23. Joshua Daniels	Martin Middle School
23. Veronica Kim	Smith Middle School

### Top Ten Schools

1. Ligon Middle School
2. Carnage Middle School
3. Martin Middle School
4. Guy B. Phillips Middle School
5. Smith Middle School
6. Davis Drive Middle School
7. Carrington Middle School
8. Daniels Middle School
9. Raleigh Charter High School
10. Cary Academy

## Algebra I

### Frequency Distribution of Scores

Score	# of Participants in Range
<b>130 – 140</b>	<b>1</b>
<b>120 – 129</b>	<b>2</b>
<b>90 – 99</b>	<b>2</b>
<b>80 – 89</b>	<b>4</b>
<b>70 – 79</b>	<b>6</b>
<b>60 – 69</b>	<b>9</b>
<b>50 – 59</b>	<b>4</b>
<b>40 – 49</b>	<b>9</b>
<b>30 – 39</b>	<b>9</b>
<b>20 – 29</b>	<b>14</b>
<b>Below 20</b>	<b>14</b>

Mean Score – 43.4

Standard Deviation – 31.93

Median – 38

Most Difficult Multiple Choice Questions – 8, 15, 25

Easiest Multiple Choice Question – 5 and 9

### Top Twenty-seven Individuals

1. Angela Deng	Carnage Middle School
2. Tony Ahn	Smith Middle School
3. Sarah Wu	Smith Middle School
4. Vijay Dey	Seawell Elementary
5. Kevin Cao	Martin Middle School
6. Kevin Wu	Cary Academy
7. James Zhang	Ligon Middle School
8. Kenny Derek	Davis Drive Middle School
9. Tejasv Arya	Martin Middle School
10. Michael Yang	Ligon Middle School
11. Thomas Wang	Guy B. Phillips Middle School
12. Akaash Sanyal	Cary Academy
13. Laasya Renganathan	Carnage Middle School
14. Adrienne Huang	Martin Middle School
15. Raymond Gao	Smith Middle School
16. Austin Lessin	Guy B. Phillips Middle School
17. Grace Jin	Carnage Middle School
17. Elizabeth Yang	Smith Middle School
19. Vamsi Varanasi	Davis Drive Middle School
19. Sophia Hu	Martin Middle School
21. Calvin Ma	Cary Academy
21. David Takamiya	Guy B. Phillips Middle School
23. Diya Yang	Carrington Middle School
24. Max Clingroth	Daniels Middle School
25. Alex Romley	Ravenscroft
25. Kathleen Brandes	Ravenscroft
25. Rory Sargalis	W.G. Pearson Middle School

### Top Ten Schools

1. Smith Middle School
2. Carnage Middle School
3. Martin Middle School
4. Guy B. Phillips Middle School
5. Ligon Middle School
6. Cary Academy
7. Ravenscroft
8. Leesville Road Middle School
9. Carrington Middle School
10. McDougle Middle School