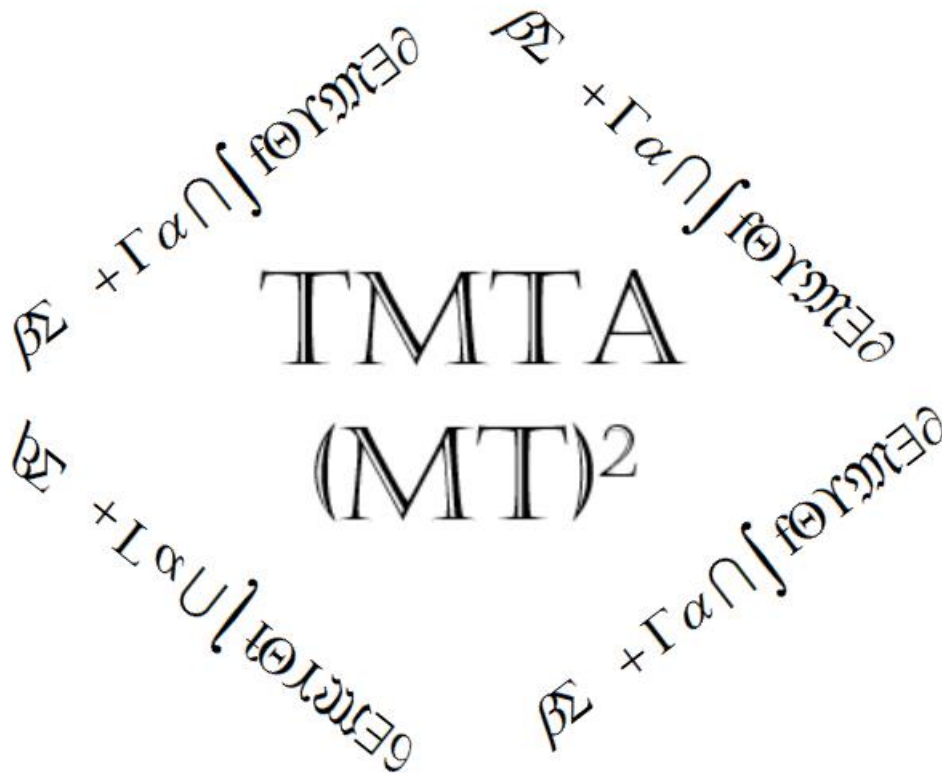




**TENNESSEE MATHEMATICS TEACHERS ASSOCIATION**

## Contest Awards Bulletin 2016



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Middle Tennessee Math Teachers

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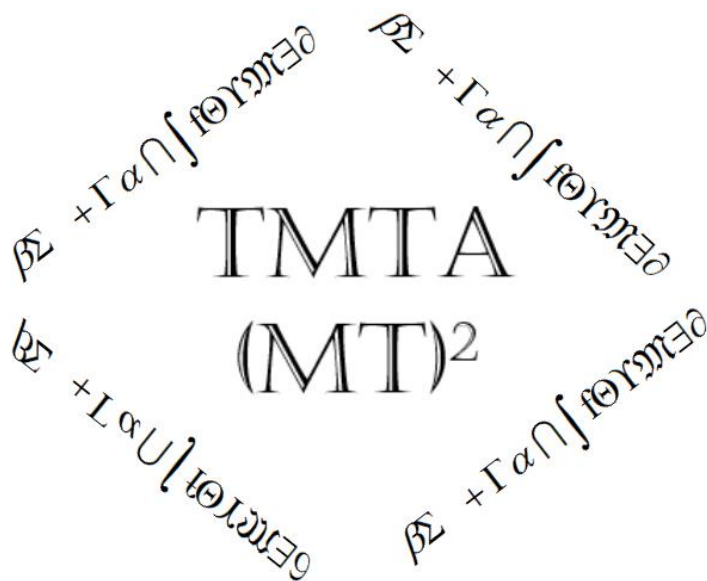




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# TENNESSEE MATHEMATICS TEACHERS ASSOCIATION

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# TENNESSEE MATHEMATICS TEACHERS ASSOCIATION

## **CAMTA**

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University of Tennessee – Chattanooga

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University of Memphis; Willow Oaks Elementary  
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Mathematics Teacher of Tennessee – Northwest  
Kim Mullins  
Bethel Springs Elementary School

## **(MT)<sup>2</sup>**

Middle Tennessee Mathematics Teachers  
Teresa Clark  
Independence High School

## **SM<sup>2</sup>EA**

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Chris Bradley

## **TMATYC**

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Mathematics  
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Kingsport City Schools

## **TAMTE**

Tennessee Association of Mathematics Teacher  
Educators  
Ann Assad  
Austin Peay State University

## State Top Ten List

### State Tennessee Top Ten - Algebra I

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	200	Kuriyama, Taichi	Houston Middle School	Germantown	Pamela Tate
1	200	Tang, Colin	Montgomery Bell Academy	Nashville	Maggie Qian
3	196	Kang, Kichul	Rossvie High School	Clarksville	Jeannie Bowman
4	195	Arnett, Will A.	West Middle School	Tullahoma	Faye Neel
4	195	Dennison, Nicholas R.	Gallatin High School	Gallatin	Jason Vivier
4	195	Qiu, Stephen	Maryville Junior High School	Maryville	Logan Goodin
7	191	Sampson, Kirby F.	Science Hill High School	Johnson City	Glenda Conner
8	190	Charles, Rhea T.	West Valley Middle School	Knoxville	Carole Packett
8	190	Gu, Rulan	West Valley Middle School	Knoxville	Carole Packett
8	190	Lu, Jimmy Y.	Science Hill High School	Johnson City	Ellyn Treadway
8	190	Park, Suhyeon	Science Hill High School	Johnson City	Justin Hyder

### State Tennessee Top Ten - Geometry

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	200	Luo, Kevin	White Station Middle School	Memphis	Lisa-Marie Matthews
2	186	Murray, Colin A.	The Ensworth School	Nashville	Edward Caudill
3	178	Puri, Arjun	Memphis University School	Memphis	Leigh Packard
4	177	Kalams, Alex M.	Montgomery Bell Academy	Nashville	Matthew Golenor
5	171	Ding, Sarah	White Station Middle School	Memphis	Lisa-Marie Matthews
6	167	Zhang, Jonathan	White Station Middle School	Memphis	Lisa-Marie Matthews
7	157	Yang, Sean T.	Houston High School	Germantown	Sharon Reeder
8	156	Chen, Forest M.	Farragut High School	Farragut	Angela Buckman
9	155	Wang, Matthew	Houston High School	Germantown	Sharon Reeder
10	150	Kronzer, Luke L.	Farragut High School	Farragut	Angela Buckman

### State Tennessee Top Ten - Algebra II

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	157	Sai, Baylor X.	Montgomery Bell Academy	Nashville	John Lanier
2	154	Brady, Ethan J.	Oak Ridge High School	Oak Ridge	Christina Henry
3	142	Liu, Gabrielle K.	Ravenwood High School	Brentwood	Jonathan Owen
3	142	Wang, Vincent C.	Houston High School	Germantown	Jeanna Kitchens
5	140	Mikhail, Moussa	Hume-Fogg Magnet High School	Nashville	Kat Ovchinnikov
6	139	Tian, Frank	Battle Ground Academy	Franklin	Harry Justus
7	137	Peterson, Nikhil J.	Montgomery Bell Academy	Nashville	John Lanier
8	135	Wang, Milanca X.	Lausanne Collegiate School	Memphis	Steven Hubbard
9	134	DeCoster, Samuel L.	Montgomery Bell Academy	Nashville	John Lanier
10	133	Williams, Spencer T.	Webb School of Knoxville	Knoxville	Margaret Ritchie

# TMTA MATH CONTEST 2016 TOP 10 MATHLETES

## State Tennessee Top Ten - Statistics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	195	Bell, Tolson H.	Webb School of Knoxville	Knoxville	Veena Krishnan
1	195	Ding, Tony	Montgomery Bell Academy	Nashville	Phillip Jackson
1	195	Pillai, Aditya R.	Brentwood High School	Brentwood	Jerry Stelmaszak
1	195	Xiao, Jennifer R.	White Station High School	Memphis	Susan Campbell
5	190	Chowbey, Divya	Brentwood High School	Brentwood	Jerry Stelmaszak
5	190	Lawson, Cody A.	William Blount High School	Maryville	Taylor Brown
7	188	Jenkins, Nathan D.	Blackman High School	Murfreesboro	Lalli Barney
8	185	Cai, Shirley	Brentwood High School	Brentwood	Jerry Stelmaszak
8	185	Garber, David B.	Jefferson County High School	Dandridge	Regina Sinard
8	185	Huang, May J.	Central Magnet School	Murfreesboro	Emily Hines
8	185	Padmanabha, Akaash	Collierville High School	Collierville	Matthew Holmes
8	185	Sitaram, Sailesh	Brentwood High School	Brentwood	Jerry Stelmaszak

## State Tennessee Top Ten - Pre-Calculus

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	172	Moody, Jackson P.	Memphis University School	Memphis	Nancy Gates
2	153	Shen, Henry	Oak Ridge High School	Oak Ridge	Elaine Vaughan
3	152	Lee, Ray	Montgomery Bell Academy	Nashville	John Lanier
4	151	McKee, Angus A.	White Station High School	Memphis	Yanli Cui
5	146	Miccioli, Mike A.	Montgomery Bell Academy	Nashville	Michael Davidson
6	143	Fang, Elliot M.	Farragut High School	Farragut	Angela Buckman
7	141	Singleton, Elizabeth A.	Harpeth High School	Nashville	Jennifer Webster
8	138	Corbin, Nick T.	Central Magnet School	Murfreesboro	Nick Horton
9	136	He, Lilly	Houston High School	Germantown	Ashley Coates
10	134	Turaski, Lily	Home School	Friendsville	DeeDee Turaski
10	134	Yang, Erika	Farragut High School	Farragut	Angela Buckman

## State Tennessee Top Ten - Calculus & Advanced Topics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	173	Yen, Alec	Tullahoma High School	Tullahoma	Frank Vanzant
2	168	Westbrook, Harry D.	Brentwood High School	Brentwood	Jerry Stelmaszak
3	165	Young, Dryden A.	Tullahoma High School	Tullahoma	Frank Vanzant
3	165	Yu, Chang	Memphis University School	Memphis	Nancy Gates
5	164	Kaushik, Chiraag V.	Brentwood High School	Brentwood	Jerry Stelmaszak
6	163	Du, Justin	White Station High School	Memphis	Yanli Cui
7	162	Gao, Lily	Farragut High School	Farragut	Wanda Lacy
8	157	Park, John	Brentwood High School	Brentwood	Jerry Stelmaszak
8	157	Wu, Andrew	White Station High School	Memphis	Yanli Cui
10	154	Kumar, Shreyas P.	Brentwood High School	Brentwood	Jerry Stelmaszak
10	154	Liu, Allen F.	McCallie High School	Chattanooga	James Carlone

## Regional Top Ten Lists

### East Tennessee Top Ten - Algebra I

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	195	Qiu, Stephen	Maryville Junior High School	Maryville	Logan Goodin
2	191	Sampson, Kirby F.	Science Hill High School	Johnson City	Glenda Conner
3	190	Charles, Rhea T.	West Valley Middle School	Knoxville	Carole Packett
3	190	Gu, Rulan	West Valley Middle School	Knoxville	Carole Packett
3	190	Lu, Jimmy Y.	Science Hill High School	Johnson City	Ellyn Treadway
3	190	Park, Suhyeon	Science Hill High School	Johnson City	Justin Hyder
7	185	Beaudry, Brandon J.	Science Hill High School	Johnson City	Justin Hyder
7	185	Godfrey, Jordan C.	Carpenters Middle School	Maryville	Cari Reagan
7	185	Taylor, Jacob D.	West View Middle School	Morristown	Chris Greene
10	183	Squires, Kylie E.	Walker Valley High School	Cleveland	Jeremy Jones

### East Tennessee Top Ten - Geometry

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	156	Chen, Forest M.	Farragut High School	Farragut	Angie Buckman
2	150	Kronzer, Luke L.	Farragut High School	Farragut	Angie Buckman
3	145	Scheffer, Rachel N.	Lenoir City High School	Lenoir	Kathy Ambrose
4	143	Brady, Andrew C.	Jefferson Middle School	Oak Ridge	Kathy Strunk
5	139	Whitinger, Andrew R.	Sullivan South High School	Kingsport	Krystall Wallen
6	137	Wang, Kevin	Farragut High School	Farragut	Angie Buckman
7	134	Cioffi, Valentino	Maryville Junior High School	Maryville	Matthew Fowler
8	132	Lapsa, Johnathan D.	Farragut High School	Farragut	Angie Buckman
9	125	Gordon, Alissa M.	Maryville Junior High School	Maryville	Scott Harness
10	124	Kim, Dana	Bearden High School	Knoxville	Gale Jones
10	124	Reeves, Caleb A.	Sullivan South High School	Kingsport	Krystall Wallen

### East Tennessee Top Ten - Algebra II

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	154	Brady, Ethan J.	Oak Ridge High School	Oak Ridge	Christina Henry
2	133	Williams, Spencer T.	Webb School of Knoxville	Knoxville	Margaret Ritchie
3	125	Guo, Melody H.	Jefferson Middle School	Oak Ridge	Thomas Froning
3	125	Porter, Konnor E.	Seymour High School	Seymour	Sherry Whaley
5	120	Nathan, Vikram	Dobyns-Bennett High School	Kingsport	Bethany Tate
6	113	Murray, Allison A.	Science Hill High School	Johnson City	Jennifer Penley
7	112	Dey, Arnab E.	Dobyns-Bennett High School	Kingsport	Bethany Tate
8	111	Jackson, Katy S.	Maryville High School	Maryville	Steve Koontz
8	111	Mandzak, Josh T.	Morristown-Hamblen High School East	Morristown	Laura Singleton
8	111	Zetterberg, Daniel S.	Farragut High School	Farragut	Gayle Santich



# TMTA MATH CONTEST 2016 TOP 10 MATHLETES

## East Tennessee Top Ten - Statistics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	195	Bell, Tolson H.	Webb School of Knoxville	Knoxville	Veena Krishnan
2	190	Lawson, Cody A.	William Blount High School	Maryville	Taylor Brown
3	185	Garber, David B.	Jefferson County High School	Dandridge	Regina Sinard
4	180	Broady, Caroline T.	Webb School of Knoxville	Knoxville	Margaret Ritchie
5	171	Mingee, Trey I.	William Blount High School	Maryville	Taylor Brown
6	170	Geist, Nathan T.	Knoxville Catholic High School	Knoxville	Chris Hollander
6	170	Fox, Christian D.	Knoxville Catholic High School	Knoxville	Chris Hollander
6	170	Lee, Allycia Y.	Chattanooga School for the Arts and Sciences	Chattanooga	William Bowser
6	170	Liao, Weishan	Hardin Valley Academy	Knoxville	Shelly Patton
10	161	Lobo, Nick R.	Chattanooga School for the Arts and Sciences	Chattanooga	William Bowser

## East Tennessee Top Ten - Pre-Calculus

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	153	Shen, Henry	Oak Ridge High School	Oak Ridge	Elaine Vaughan
2	143	Fang, Elliot M.	Farragut High School	Farragut	Angela Buckman
3	134	Turaski, Lily	Home School	Friendsville	DeeDee Turaski
3	134	Yang, Erika	Farragut High School	Farragut	Angela Buckman
5	131	Qu, Steven S.	Oak Ridge High School	Oak Ridge	Elaine Vaughan
6	130	Joo, Ben H.	Farragut High School	Farragut	Angela Buckman
7	127	Jackson, Dakota A.	Maryville High School	Maryville	Ashley Porter
8	125	Hong, Will D.	Farragut High School	Farragut	Angela Buckman
9	122	Cathey, Eleanor S.	Webb School of Knoxville	Knoxville	Veena Krishnan
10	120	Durfey, Carter D.	Morristown West High School	Morristown	Doug King

## East Tennessee Top Ten - Calculus & Advanced Topics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	162	Gao, Lily	Farragut High School	Farragut	Wanda Lacy
2	154	Liu, Allen F.	McCallie High School	Chattanooga	James Carlone
3	153	Welch, Zackary D.	Maryville High School	Maryville	John Roop
4	151	Andress, Joseph D.	Oak Ridge High School	Oak Ridge	Jessica Williams
5	140	Aslinger, MaClain J.	McCallie High School	Chattanooga	James Carlone
6	137	Zhang, Shichen	Oak Ridge High School	Oak Ridge	Deanna Pickel
7	131	Leui, David A.	Farragut High School	Farragut	Wanda Lacy
8	130	Choo, Daniel J.	Farragut High School	Farragut	Wanda Lacy
9	128	Pulsinelli, Juliana V.	Bearden High School	Knoxville	Catherine Buckner
10	127	Varma, Nalin H.	Farragut High School	Farragut	Wanda Lacy

# TMTA MATH CONTEST 2016 TOP 10 MATHLETES

## Middle Tennessee Top Ten - Algebra I

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	200	Tang, Colin	Montgomery Bell Academy	Nashville	Maggie Qian
2	196	Kang, Kichul	Rossvie High School	Clarksville	Jeannie Bowman
3	195	Arnett, Will A.	West Middle School	Tullahoma	Faye Neel
3	195	Dennison, Nicholas R.	Gallatin High School	Gallatin	Jason Vivier
5	186	Meacham, Sam E.	Montgomery Bell Academy	Nashville	Maggie Qian
6	183	Ramaian, Meghna C.	Harpeth Hall School	Nashville	Maureen Hill
7	181	Sullivan, Maggie C.	Harpeth Hall School	Nashville	Maureen Hill
8	180	Cantrell, Madison E.	De Kalb County High School	Smithville	Andrew Dixon
8	180	Nayagadurai, Ashwath S.	Martin Luther King Junior Magnet-Pearl High School	Nashville	Deede Melder
10	176	Weaver, Aliyah D.	Smyrna Middle School	Smyrna	Ronald Napper

## Middle Tennessee Top Ten - Geometry

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	186	Murray, Colin A.	The Ensworth School	Nashville	Edward Caudill
2	177	Kalams, Alex M.	Montgomery Bell Academy	Nashville	Matthew Golenor
3	147	Coburn, Ethan W.	Lipscomb Academy Middle School	Nashville	Stefine House
4	146	Dilick, Ian M.	Pope John Paul II High School	Hendersonville	Al Knight
5	144	Misra, Mohini K.	Harpeth Hall School	Nashville	Madeline Waud
6	142	Lee, Tabitha S.	Clarksville Academy	Clarksville	Dan Burden
6	142	Zeuthen, Thomas V.	Montgomery Bell Academy	Nashville	Matthew Golenor
8	141	Brown, Zach E.	Montgomery Bell Academy	Nashville	Matthew Golenor
9	135	Jenkins, Kathryn C.	Harpeth Hall School	Nashville	Madeline Waud
10	129	Zhang, Siyuan	Portland High School	Portland	Ginger Lesemann

## Middle Tennessee Top Ten - Algebra II

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	157	Sai, Baylor X.	Montgomery Bell Academy	Nashville	John Lanier
2	142	Liu, Gabrielle K.	Ravenwood High School	Brentwood	Jonathan Owens
3	140	Mikhail, Moussa	Hume-Fogg Magnet High School	Nashville	Kat Ovchinnikov
4	139	Tian, Frank	Battle Ground Academy	Franklin	Harry Justus
5	137	Peterson, Nikhil J.	Montgomery Bell Academy	Nashville	John Lanier
6	134	DeCoster, Samuel L.	Montgomery Bell Academy	Nashville	John Lanier
7	132	Whitehead, Camden C.	Franklin High School	Franklin	Patti Castle
8	127	Huang, Andrea M.	Ravenwood High School	Brentwood	Mary Hawken
9	124	Garfinkel, Zach S.	Montgomery Bell Academy	Nashville	Maggie Qian
9	124	Hu, Andrew	Battle Ground Academy	Franklin	Harry Justus

# TMTA MATH CONTEST 2016 TOP 10 MATHLETES

## Middle Tennessee Top Ten - Statistics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	195	Ding, Tony	Montgomery Bell Academy	Nashville	Phillip Jackson
1	195	Pillai, Aditya R.	Brentwood High School	Brentwood	Jerry Stelmaszak
3	190	Chowbey, Divya	Brentwood High School	Brentwood	Jerry Stelmaszak
4	188	Jenkins, Nathan D.	Blackman High School	Murfreesboro	Lalli Barney
5	185	Cai, Shirley	Brentwood High School	Brentwood	Jerry Stelmaszak
5	185	Huang, May J.	Central Magnet School	Murfreesboro	Emily Hines
5	185	Sitaram, Sailesh	Brentwood High School	Brentwood	Jerry Stelmaszak
8	180	Alwis, Yavin V.	Montgomery Bell Academy	Nashville	Phillip Jackson
8	180	Dean, Jonathan A.	Cookeville High School	Cookeville	Donna Johnson
8	180	Srivastava, Aditya	Hume-Fogg Magnet High School	Naahville	Eric Gambill

## Middle Tennessee Top Ten - Pre-Calculus

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	152	Lee, Ray	Montgomery Bell Academy	Nashville	John Lanier
2	146	Miccioli, Mike A.	Montgomery Bell Academy	Nashville	Michael Davidson
3	141	Singleton, Elizabeth A.	Harpeth Hall School	Nashville	Jennifer Webster
4	138	Corbin, Nick T.	Central Magnet School	Murfreesboro	Nick Horton
5	132	Sharp, Evan A.	Tullahoma High School	Tullahoma	Kim Carter
5	132	Wang, Keri	Harpeth Hall School	Nashville	Jennifer Webster
7	131	Yarbrough, Chase B.	Ravenwood High School	Brentwood	Bryan Weaver
8	130	Xie, Jingyi	The Webb School	Bell Buckle	Karla Vogt
9	129	Holladay, Grace A.	Harpeth Hall School	Nashville	Jennifer Webster
9	129	Warkentin, Coby A.	Brentwood High School	Brentwood	Jennifer Gilbert
9	129	White, Micah C.	Montgomery Bell Academy	Nashville	Michael Davidson

## Middle Tennessee Top Ten - Calculus & Advanced Topics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	173	Yen, Alec	Tullahoma High School	Tullahoma	Frank Vanzant
2	168	Westbrook, Harry D.	Brentwood High School	Brentwood	Jerry Stelmaszak
3	165	Young, Dryden A.	Tullahoma High School	Tullahoma	Frank Vanzant
4	164	Kaushik, Chiraag V.	Brentwood High School	Brentwood	Jerry Stelmaszak
5	157	Park, John	Brentwood High School	Brentwood	Jerry Stelmaszak
6	154	Kumar, Shreyas P.	Brentwood High School	Brentwood	Jerry Stelmaszak
7	152	Jean, Devin C.	Central Magnet School	Murfreesboro	Angelyn Pigg
8	151	Xia, Wangsun	The Webb School	Bell Buckle	Sandra Truitt
9	150	Purdue, Lewis S.	Tullahoma High School	Tullahoma	Frank Vanzant
10	149	Grosson, Ted A.	Ravenwood High School	Brentwood	Bryan Weaver

# TMTA MATH CONTEST 2016 TOP 10 MATHLETES

## West Tennessee Top Ten - Algebra I

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	200	Kuriyama, Taichi	Houston Middle School	Germantown	Pamela Tate
2	185	Peng, Ryan Z.	Memphis University School	Memphis	Loyal Murphy
2	185	Rajesh, Ananyaa	Lausanne Collegiate School	Memphis	Jill Damplo
4	180	Du, Jake W.	White Station Middle School	Memphis	Bernell Jones
4	180	Kelsey, Carrington R.	Briarcrest High School	Eads	Heather Davis
4	180	Zhu, Zhaohan	White Station Middle School	Memphis	Lisa-Marie Matthews
7	178	Lee, Jacqueline K.	Lausanne Collegiate School	Memphis	Robin Trusty
8	176	Sun, Eric C.	White Station Middle School	Memphis	Bernell Jones
9	175	Shackelford, Maxwell A.	Memphis University School	Memphis	Loyal Murphy
9	175	Zheng, Steven	Brighton Middle School	Brighton	Sherry Campbell

## West Tennessee Top Ten - Geometry

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	200	Luo, Kevin	White Station Middle School	Memphis	Lisa-Marie Matthews
2	178	Puri, Arjun	Memphis University School	Memphis	Leigh Packard
3	171	Ding, Sarah	White Station Middle School	Memphis	Lisa-Marie Matthews
4	167	Zhang, Jonathan	White Station Middle School	Memphis	Lisa-Marie Matthews
5	157	Yang, Sean T.	Houston High School	Germantown	Sharon Reeder
6	155	Wang, Matthew	Houston High School	Germantown	Sharon Reeder
7	146	Trasolini, Isabella R.	Dyer County High School	Newbern	Courtney Babbitt
8	139	McFadden, Rob E.	Memphis University School	Memphis	Leigh Packard
9	137	Mahajan, Anjali	University School of Jackson	Jackson	Don Newman
10	134	Nguyen, Kira	Munford High School	Munford	Linda Danehower

## West Tennessee Top Ten - Algebra II

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	142	Wang, Vincent C.	Houston High School	Germantown	Jeanna Kitchens
2	135	Wang, Milanca X.	Lausanne Collegiate School	Memphis	Steven Hubbard
3	123	Wang, Jefferon H.	Collierville High School	Collierville	Pamela Kendall
4	122	Stanford, John R.	University School of Jackson	Jackson	Don Newman
5	121	Hori, Sam A.	Lausanne Collegiate School	Memphis	Chase Kearn
5	121	Wang, Jason H.	Memphis University School	Memphis	Steven Gadbois
7	118	Xue, Amy L.	White Station High School	Memphis	Elizabeth Kirby
8	117	Wang, Jonathan C.	Houston High School	Germantown	Jeanna Kitchens
9	115	Freeman, Benjamin W.	Memphis University School	Memphis	Steven Gadbois
9	115	Hurst, William E.	Memphis University School	Memphis	Steven Gadbois

# TMTA MATH CONTEST 2016 TOP 10 MATHLETES

## West Tennessee Top Ten - Statistics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	195	Xiao, Jennifer R.	White Station High School	Memphis	Susan Campbell
2	185	Padmanabha, Akaash	Collierville High School	Collierville	Matthew Holmes
3	182	Armstrong, Benjamin D.	White Station High School	Memphis	Susan Campbell
4	181	Scott-McCabe, Diego X.	Collierville High School	Collierville	Matthew Holmes
5	180	Patel, Ankush	White Station High School	Memphis	Susan Campbell
6	177	Dash, Anisha	White Station High School	Memphis	Susan Campbell
7	176	Mohan, Saatvik	Memphis University School	Memphis	Darin Clifft
7	176	Su, Lisa	White Station High School	Memphis	Susan Campbell
9	175	Lin, Jason	Memphis University School	Memphis	Darin Clifft
9	175	Myers, Joshua L.	Memphis University School	Memphis	Darin Clifft
9	175	Patel, Ohm J.	Memphis University School	Memphis	Darin Clifft

## West Tennessee Top Ten - Pre-Calculus

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	172	Moody, Jackson P.	Memphis University School	Memphis	Nancy Gates
2	151	McKee, Angus A.	White Station High School	Memphis	Yanli Cui
3	136	He, Lilly	Houston High School	Germantown	Ashley Coates
4	130	Li, Richard T.	Collierville High School	Collierville	David Setterlund
5	129	Jain, Rishab M.	Lausanne Collegiate School	Memphis	John Brewster
6	127	Evans, Levi H.	White Station High School	Memphis	Yanli Cui
7	120	Wynne, Raymond A.	Saint Benedict at Auburndale	Cordova	Blair Seymour
8	115	Hayes, Nicholas P.	Collierville High School	Collierville	David Setterlund
9	112	You, Jeongmin A.	Westview High School	Martin	Margaret Greer
10	110	Verret, Isabelle M.	Saint Benedict at Auburndale	Cordova	Blair Seymour

## West Tennessee Top Ten - Calculus & Advanced Topics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	165	Yu, Chang	Memphis University School	Memphis	Nancy Gates
2	163	Du, Justin	White Station High School	Memphis	Yanli Cui
3	157	Wu, Andrew	White Station High School	Memphis	Yanli Cui
4	144	Sun, Anna J.	White Station High School	Memphis	Yanli Cui
5	135	Bansal, Sarthak	White Station High School	Memphis	Yanli Cui
6	129	Murphy, Loyal P.	Memphis University School	Memphis	Steven Gadbois
7	127	Morrison, Thomas M.	Memphis University School	Memphis	Steven Gadbois
8	124	Patt, Theo C.	White Station High School	Memphis	Yanli Cui
9	122	Clendenin, John B.	Union City High School	Union City	Lance Morgan
9	122	Vemula, Nilai R.	White Station High School	Memphis	Yanli Cui

Key Note Speaker  
**Tom Reardon, Speaker**

My Favorite Problem-Solving Activities for K - 12 with Thanks to George.  
And Technology.

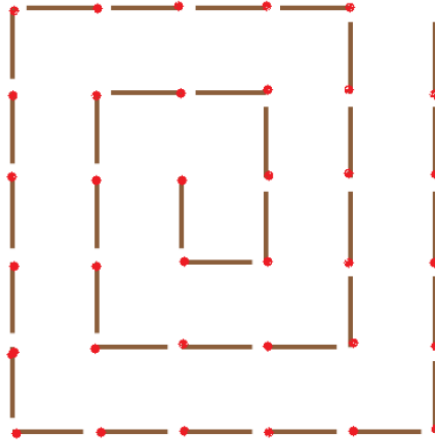
"Problem solving should be the central focus of the mathematics curriculum." - NCTM

We will look at some of my favorite activities that encourage students to make sense of problems and persevere in solving them. I will draw on my experience of teaching the Math for Elementary Teachers sequence at the university level for grades K through 8 and my 35 years of experience of teaching high school. We will look at several problem solving strategies and how to apply them. Appropriate technology will be integrated creatively. Be prepared as this will be an audience participation event.

Do you have any news or ideas for our next bulletin? Please feel free to send the information to Lisa Elliott at [Lisa.Elliott@cmcss.net](mailto:Lisa.Elliott@cmcss.net). The answers to the brainteasers will be included in the winter bulletin.

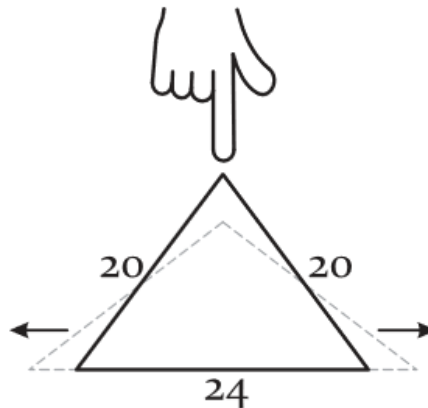
## Brain Teasers by Illuminations

A figure resembling a spiral is shown with 35 matches. Move 4 matches to form 3 squares.



*This brainteaser was written by Derrick Niederm*

The triangle below lies on a flat surface and is pushed at the top vertex. The length of the congruent sides does not change, but the angle between the two congruent sides will increase, and the base will stretch. Initially, the area of the triangle will increase, but eventually the area will decrease, continuing until the triangle collapses.



What is the maximum area achieved during this process?  
And, what is the length of the base when this process is used to create a different triangle whose area is the same as the triangle above?



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