

NEWSLETTER

VOL 39 NO. 4

MIDDLE/JR HIGH SCHOOL

Σ SIGMA

2017 — 2018

MATHEMATICS LEAGUE

NEXT CONTEST DATE : February 12—16, 2018

NOTE: Comment on Cumulative Scores. For clarification, cumulative scores are the scores an individual or grade has earned on all 3 contests - not on any one contest. The cutoff score after contest #4 is 24 for all grades.

Please be sure to put your name and your school name on the reporting forms. We are pretty good detectives but it would certainly help us get the right scores for the right schools.

REPORT INDIVIDUAL CUMULATIVE SCORES OF 24 OR ABOVE — — — GRADES 6, 7, 8 AND 9.

INDIVIDUAL PERFECT SCORES ON CONTEST #3

6 TH Grade	19	8 TH Grade	56
7 TH Grade	32	9 TH grade	3

CUMULATIVE SCORES — — CONTESTS 1-3

SCORES

	<u>24</u>	<u>23</u>	<u>22</u>	<u>21</u>
Gr. 6	2	4	2	5
Gr. 7	2	6	5	8
Gr. 8	3	7	9	8
Gr. 9	0	0	0	0

TOTAL PARTICIPANTS CONTEST #3

4,792

1,269	Grade 6
1,634	Grade 7
1,801	Grade 8
88	Grade 9

FOR YOUR INFORMATION:

Contest #3: Problem #4 (the train problem) was a very poorly written problem – in fact, it was an incorrectly written problem. Obviously, if 9 people get off the train and that is one-half the people, then 9 people must still be on the train. For some reason, I (Leona) did not realize that at the time I wrote it and even after Jerry tried to convince me there was something wrong with it, I held fast to my incorrect logic (or lack thereof.) Soooo..... everyone is to be given credit for that problem. An email was sent to each of you to do so but perhaps your results were sent before receiving the notice. In any case, all of your scores have been corrected to reflect that. We ask that you please update the cumulative records of your students. And we do apologize for having made such a foolish error.

FUTURE DATES CLARIFICATION: Contest #4 is scheduled for February 12-16 and Contest #5 is March 26-30.

CUMULATIVE REPORTING FORM: This form can be downloaded from our website. We hope that you will be submitting your top scorers after each contest. We will give a cut-off score in the newsletter and we hope that you will be sure to submit the students names that have scores on or above that cut-off score. If it would be easier for you to simply make a list on a spreadsheet on which you could submit those names, **grades**, and scores, that would also be acceptable.

CUT-OFF SCORE in the last newsletter was listed as both 19 and 21. Wow! All we can say is that the very cold weather here in Nebraska must have affected us badly – well, we have to blame it on something, don't we?? Again we apologize.

CUMULATIVE CUT-OFF SCORE after Contest #4 is 24.

SUMMARY OF RESULTS BY SCHOOL – CONTEST # 2

In the following table, the column labeled GR represents the grades of participation by each school; the TTS column is the TEAM SCORE for contest #2, the 6TS, 7TS, 8TS, and 9TS columns represent the TEAM SCORE for each grade for Contest #2; the TCS column is the TEAM CUMULATIVE SCORE; the 6CS, 7CS, 8CS, and 9CS columns represent the CUMULATIVE SCORE through contest #2.

GR	ST	CITY	SCHOOL	TTS	6TS	7TS	8TS	9TS	TCS	6CS	7CS	8CS	9CS					
678	AL	Huntsville	Randolph School						81	48	3	31	0					
789	AL	Mountain Brook	Mountain Brook JHS						0	0	0	0	0					
78	AZ	Chandler	Willis JHS	71		57	68		217	0	184	205	0					
78	AZ	Queen Creek	Sossaman MS						47	0	30	17	0					
678	CA	Hillsborough	Crystal Springs Upland						0	0	0	0	0					
678	CA	La Jolla	La Jolla Country Day	82	68	69	70		242	195	213	213	0					
9	CA	La Jolla	La Jolla Country Day					67	0	0	0	0	192					
789	CA	Los Altos	Egan JHS						0	0	0	0	0					
789	CA	Los Angeles	Harvard-Westlae						0	0	0	0	0					
78	CA	Los Angeles	Berkeley Hall						151	0	128	124	0					
678	CA	Oakland	Head-Royce School						0	0	0	0	0					
678	CA	Palos Verdes Est	Intermediate	86	82	70	80		260	237	239	237	0					
678	CA	South Pasadena	South Pasadena MS	96	78	88	58		279	246	261	230	0					
678	CA	Sacramento	Brookfield						0	0	0	0	0					
678	CA	San Francisco	Xian Yun Acad of Arts	24	2	16	14		70	8	41	37	0					
678	CT	Wolcott	Tyrrell MS	71	46	64	54		211	133	200	172	0					
89	DE	Wilmington	Tower Hill School	77			62	55	220	0	0	185	145					
6789	FL	Lithia	Randall MS	26	0	8	15	0	126	4	72	81	12					
678	FL	Miami	Palmer Trinity						74	37	25	39	0					
678	FL	Miami	Holy Cross Lutheran						0	0	0	0	0					
678	FL	Pensacola	Episcopal Day School						92	18	84	89	0					
678	FL	Tallahassee	Community Christian	51	41	35	40		166	108	138	99	0					
678	FL	Tallahassee	Fairview MS	89	63	75	72		265	206	243	211	0					
678	FL	Tallahassee	Deerlake MS	93	74	76	89		271	212	212	257	0					
78	FL	Tallahassee	Montford MS	67		52	62		207	0	176	189	0					
678	FL	Vero Beach	St. Edward's						0	0	0	0	0					
678	FL	Winter Park	Trinity Prep School	70	54	60	44		200	141	169	126	0					
678	GA	Marietta	Dickerson MS	70	39	18	77		233	117	98	208	0					
78	IA	Coralville	Northwest JHS	91		77	91		267	0	235	260	0					
678	IL	Aurora	Still MS	69	42	30	24		210	141	84	91	0					
678	IL	Bolinsbrook	Jane Addams MS						0	0	0	0	0					
678	IL	Edwardsville	Lincoln MS						0	0	0	0	0					
678	IL	Edwardsville	Liberty MS						83	25	46	35	0					
78	IL	Libertyville	Highland MS	78		61	76		146	0	120	136	0					
678	IN	Indianapolis	Sycamore School						178	161	94	98	0					
678	IN	Terre Haute	Honey Creek MS						185	159	174	173	0					
789	IN	Wabash	Northfield Jr/Sr						0	0	0	0	0					
78	KS	Lenexa	Trailridge						139	0	132	116	0					
78	KS	Shawnee Mission	Indian Woods MS	84		36	63		244	0	100	186	0					
6	KY	Edgewood	St. Pius X		23				0	53	0	0	0					
678	MA	Andover	Pike School	30	3	24	7		169	44	138	71	0					
789	MA	Needham	St Sebastians						0	0	0	0	0					
789	MA	West Bridgewater	W. Bridgewater MS						0	0	0	0	0					
678	MD	Silver Spring	Takoma Park MS										189	177	187	191	0	
678	MI	Bloomfield Hills	East Hills MS						68	56	49	60		214	167	165	175	0
789	MI	Holland	Black River						63	24	21	20		168	24	76	61	23
67	MI	Novi	Novi Meadows						80	69	79			250	217	246	0	0
678	MI	Quincy	Quincy MS											0	0	0	0	0
678	MN	Willmar	Willmar MS						63	49	61	64		194	152	176	195	0
678	MO	Chesterfield	Parkway Central											176	164	145	152	0
678	MO	Independence	Bingham MS											0	0	0	0	0
678	MO	Kansas City	The Barstow School											0	0	0	0	0
678	MO	St. Louis	Visitation Academy						27	0	19	10		85	0	65	28	0
6789	NC	Winston Salem	Summit School						65	49	52	59	53	205	157	175	189	149
78	NE	Firth	Norris MS						64		49	57		196	61	160	111	0
678	NE	Lincoln	Lux MS											167	140	151	154	0
678	NE	Lincoln	Pound MS						21	0	0	54		84	8	11	171	0
9	NE	Lincoln	East HS											0	0	0	0	134
678	NE	Lincoln	Mickle MS						94	38	32	30		275	111	94	87	0
678	NE	Omaha	St Margaret Mary						59	41	46	48		195	120	141	165	0
678	NE	Omaha	Brownell Talbott						78	62	58	61		136	99	97	107	0
78	NE	Papillion	Liberty MS											123	0	110	115	0
78	NE	Papillion	Papillion MS						71		56	70		224	0	182	218	0
678	NJ	Brick	Lake Riviera MS						59	51	44	55		198	166	169	170	0
678	NJ	Brick	Veterans Memorial											44	4	13	72	0
6789	NJ	Hamilton	Crockett MS											142	93	121	120	110
678	NJ	Hamilton Square	St Gregory the Great	61	41	47	52							182	108	158	153	0
78	NJ	Marlboro	Marlboro MS						82		58	83		250	0	191	249	0
678	NJ	Middletown	Thompson MS						57	56	44	18		192	140	165	96	0
78	NJ	Morganville	Marlboro Memorial											172	0	156	149	0
678	NJ	Skillman	Montgomery Lower						94	82	87	90		279	237	250	262	0
678	NJ	Tinton Falls	Ranney School						52	9	32	32		158	32	104	139	0
6789	NJ	Wycoff	Bergen County Acad											0	0	0	0	0
6789	NV	Henderson	Coral Acad of Science											0	0	0	0	0
678	NY	Flushing	Rachel Carson IS 237											0	0	0	0	0
78	NY	Garden City	Garden City MS						60		38	41		113	0	70	76	0
67	NY	Long Island	The 30th Ave School											159	163	141	0	0
789	NY	New Hartford	Perry JHS											133	41	107	100	8
78	NY	New York	Anderson School											250	0	207	195	0
67	NY	Roslyn Heights	Willetts Road School						54	40	51			176	125	172	0	0
678	OH	Ashville	Teays Valley East						59	53	41	56		190	160	153	159	0
678	OH	Canal Winchester	Canal Winchester						65	63	52	52		211	204	173	171	0
678	OH	Cincinnati	Seven Hills MS											145	122	128	123	0
678	OH	Commercial Pt	Teays Valley West						65	54	47	62		191	149	153	187	0
78	OH	Mason	Mason MS											82	0	78	46	0
6789	OH	Seville	Cloverleaf Local											0	0	0	0	0
678	OH	Williamsport	Westfall MS						45	41	30	42		143	118	103	127	0
678	OK	Tulsa	University School						64	40	40	60		189	115	105	178	0
678	OR	Portland	Robert Gray MS						72	37	44	39		209	74	125	115	0
678	SC	Columbia	Dent MS											192	171	172	176	0
678	TN	Nashville	Holy Rosary Acad						57	48	53	33		179	130	169	119	0
678	TX	Addison	Greenhill School											0	0	0	0	0
678	TX	Arlington	Oakridge School						63	47	45	50		195	136	149	146	0
678	TX	Houston	Rogers School											153	145	123	65	0
678	VA	Hampton	Spratley Gifted Center											0	0	0	0	0
678	WI	New Berlin	West MS											0	0	0	0	0

TOP SCHOOLS RANKING CONTEST #3

GRADE 6 (CONTEST #3)

NJ	Skillman	Montgomery Lower	82
CA	Palos Verdes Est	Intermediate	82
CA	South Pasadena	South Pasadena MS	78
FL	Tallahassee	Deerlake MS	74
MI	Novi	Novi Meadows	69
CA	La Jolla	La Jolla Country Day	68
FL	Tallahassee	Fairview MS	63
OH	Canal Winchester	Canal Winchester	63
NE	Omaha	Brownell Talbott	62
MI	Bloomfield Hills	East Hills MS	56
NJ	Middletown	Thompson MS	56
FL	Winter Park	Trinity Prep School	54
OH	Commercial Pt	Teays Valley West	54
OH	Ashville	Teays Valley East	53
NJ	Brick	Lake Riviera MS	51
NC	Winston Salem	Summit School	49
MN	Willmar	Willmar MS	49
TN	Nashville	Holy Rosary Acad	48
TX	Arlington	Oakridge School	47
CT	Wolcott	Tyrrell MS	46

GRADE 7 (CONTEST # 3)

CA	South Pasadena	South Pasadena MS	88
NJ	Skillman	Montgomery Lower	87
MI	Novi	Novi Meadows	79
IA	Coralville	Northwest JHS	77
FL	Tallahassee	Deerlake MS	76
FL	Tallahassee	Fairview MS	75
CA	Palos Verdes Est	Intermediate	70
CA	La Jolla	La Jolla Country Day	69
NY	New York	Anderson School	66
CT	Wolcott	Tyrrell MS	64
MN	Willmar	Willmar MS	61
IL	Libertyville	Highland MS	61
FL	Winter Park	Trinity Prep School	60

NE	Omaha	Brownell Talbott	58
NJ	Marlboro	Marlboro MS	58
AZ	Chandler	Willis JHS	57
NE	Papillion	Papillion MS	56
TN	Nashville	Holy Rosary Acad	53
OH	Canal Winchester	Canal Winchester	52
NC	Winston Salem	Summit School	52
FL	Tallahassee	Montford MS	52

GRADE 8 (CONTEST # 3)

IA	Coralville	Northwest JHS	91
NJ	Skillman	Montgomery Lower	90
FL	Tallahassee	Deerlake MS	89
NY	New York	Anderson School	87
NJ	Marlboro	Marlboro MS	83
CA	Palos Verdes Est	Intermediate	80
GA	Marietta	Dickerson MS	77
IL	Libertyville	Highland MS	76
FL	Tallahassee	Fairview MS	72
CA	La Jolla	La Jolla Country Day	70
NE	Papillion	Papillion MS	70
AZ	Chandler	Willis JHS	68
MN	Willmar	Willmar MS	64
KS	Shawnee Mission	Indian Woods MS	63
FL	Tallahassee	Montford MS	62
OH	Commercial Pt	Teays Valley West	62
DE	Wilmington	Tower Hill School	62
NE	Omaha	Brownell Talbott	61
MI	Bloomfield Hills	East Hills MS	60
OK	Tulsa	University School	60

GRADE 9 (CONTEST # 3)

CA	La Jolla	La Jolla Country Day	67
DE	Wilmington	Tower Hill School	55
NC	Winston Salem	Summit School	53

DIVISION 2 (CONTEST #3)

IA	Coralville	Northwest JHS	91
NY	New York	Anderson School	86
KS	Shawnee Mission	Indian Woods MS	84

NJ	Marlboro	Marlboro MS	82
MI	Novi	Novi Meadows	80
IL	Libertyville	Highland MS	78
DE	Wilmington	Tower Hill School	77
AZ	Chandler	Willis JHS	71
NE	Papillion	Papillion MS	71
FL	Tallahassee	Montford MS	67
NE	Firth	Norris MS	64
NY	Garden City	Garden City MS	60
NY	Roslyn Heights	Willets Road School	54

DIVISION 3 (CONTEST #3)

CA	South Pasadena	South Pasadena MS	96
NE	Lincoln	Mickle MS	94
NJ	Skillman	Montgomery Lower	94
FL	Tallahassee	Deerlake MS	93
FL	Tallahassee	Fairview MS	89
CA	Palos Verdes Est	Intermediate	86
CA	La Jolla	La Jolla Country Day	82
NE	Omaha	Brownell Talbott	78
OR	Portland	Robert Gray MS	72
CT	Wolcott	Tyrrell MS	71
FL	Winter Park	Trinity Prep School	70
GA	Marietta	Dickerson MS	70
IL	Aurora	Still MS	69
MI	Bloomfield Hills	East Hills MS	68
NC	Winston Salem	Summit School	65
OH	Canal Winchester	Canal Winchester	65
OH	Commercial Pt	Teays Valley West	65
OK	Tulsa	University School	64
MI	Holland	Black River	63
MN	Willmar	Willmar MS	63
TX	Arlington	Oakridge School	63

TOP SCHOOLS RANKING CONTESTS 1--3

GRADE 6 (CUMULATIVE)

CA	South Pasadena	South Pasadena MS	246
NJ	Skillman	Montgomery Lower	237
CA	Palos Verdes Est	Intermediate	237
MI	Novi	Novi Meadows	217
FL	Tallahassee	Deerlake MS	212
FL	Tallahassee	Fairview MS	206
OH	Canal Winchester	Canal Winchester	204
CA	La Jolla	La Jolla Country Day	195
MD	Silver Spring	Takoma Park MS	177
SC	Columbia	Dent MS	171
MI	Bloomfield Hills	East Hills MS	167
NJ	Brick	Lake Riviera MS	166
MO	Chesterfield	Parkway Central	164
NY	Long Island	The 30th Ave School	163
IN	Indianapolis	Sycamore School	161
OH	Ashville	Teays Valley East	160
IN	Terre Haute	Honey Creek MS	159
NC	Winston Salem	Summit School	157
MN	Willmar	Willmar MS	152
OH	Commercial Pt	Teays Valley West	149

GRADE 7 (CUMULATIVE)

CA	South Pasadena	South Pasadena MS	261
NJ	Skillman	Montgomery Lower	250
MI	Novi	Novi Meadows	246
FL	Tallahassee	Fairview MS	243
CA	Palos Verdes Est	Intermediate	239
IA	Coralville	Northwest JHS	235
CA	La Jolla	La Jolla Country Day	213
FL	Tallahassee	Deerlake MS	212
NY	New York	Anderson School	207
CT	Wolcott	Tyrrell MS	200
NJ	Marlboro	Marlboro MS	191
MD	Silver Spring	Takoma Park MS	187
AZ	Chandler	Willis JHS	184
NE	Papillion	Papillion MS	182
MN	Willmar	Willmar MS	176

FL	Tallahassee	Montford MS	176
NC	Winston Salem	Summit School	175
IN	Terre Haute	Honey Creek MS	174
OH	Canal Winchester	Canal Winchester	173
SC	Columbia	Dent MS	172
NY	Roslyn Heights	Willets Road School	172

GRADE 8 (CUMULATIVE)

NJ	Skillman	Montgomery Lower	262
IA	Coralville	Northwest JHS	260
FL	Tallahassee	Deerlake MS	257
NJ	Marlboro	Marlboro MS	249
CA	Palos Verdes Est	Intermediate	237
CA	South Pasadena	South Pasadena MS	230
NE	Papillion	Papillion MS	218
CA	La Jolla	La Jolla Country Day	213
FL	Tallahassee	Fairview MS	211
GA	Marietta	Dickerson MS	208
AZ	Chandler	Willis JHS	205
NY	New York	Anderson School	195
MN	Willmar	Willmar MS	195
MD	Silver Spring	Takoma Park MS	191
FL	Tallahassee	Montford MS	189
NC	Winston Salem	Summit School	189
OH	Commercial Pt	Teays Valley West	187
KS	Shawnee Mission	Indian Woods MS	186
DE	Wilmington	Tower Hill School	185
OK	Tulsa	University School	178

GRADE 9 (CUMULATIVE)

CA	La Jolla	La Jolla Country Day	192
NC	Winston Salem	Summit School	149
DE	Wilmington	Tower Hill School	145
NE	Lincoln	East HS	134
NJ	Hamilton	Crockett MS	110

DIVISION 3 (CUMULATIVE)

NJ	Skillman	Montgomery Lower	279
CA	South Pasadena	South Pasadena MS	279
NE	Lincoln	Mickle MS	275
FL	Tallahassee	Deerlake MS	271
FL	Tallahassee	Fairview MS	265
CA	Palos Verdes Est	Intermediate	260
CA	La Jolla	La Jolla Country Day	242
GA	Marietta	Dickerson MS	233
MI	Bloomfield Hills	East Hills MS	214
CT	Wolcott	Tyrrell MS	211
OH	Canal Winchester	Canal Winchester	211
IL	Aurora	Still MS	210
OR	Portland	Robert Gray MS	209
NC	Winston Salem	Summit School	205
FL	Winter Park	Trinity Prep School	200
NJ	Brick	Lake Riviera MS	198
TX	Arlington	Oakridge School	195
NE	Omaha	St Margaret Mary	195
MN	Willmar	Willmar MS	194
NJ	Middletown	Thompson MS	192
SC	Columbia	Dent MS	192

DIVISION 2 (CUMULATIVE)

IA	Coralville	Northwest JHS	267
NY	New York	Anderson School	250
NJ	Marlboro	Marlboro MS	250
MI	Novi	Novi Meadows	250
KS	Shawnee Mission	Indian Woods MS	244
NE	Papillion	Papillion MS	224
DE	Wilmington	Tower Hill School	220
AZ	Chandler	Willis JHS	217
FL	Tallahassee	Montford MS	207
NE	Firth	Norris MS	196
NY	Roslyn Heights	Willets Road School	176
NJ	Morganville	Marlboro Memorial	172
NY	Long Island	The 30th Ave School	159
CA	Los Angeles	Berkeley Hall	151
IL	Libertyville	Highland MS	146
KS	Lenexa	Trailridge	139
NE	Papillion	Liberty MS	123
NY	Garden City	Garden City MS	113