

SACMATH (Sacramento Area Competitions in Mathematics)

Results from the December 2012 Elementary School Contest
Held December 15, 2012, at Winston Churchill Middle School

109 students from 18 schools in the Sacramento area competed in the contest, consisting of 29 third graders, 27 fourth graders, 34 fifth graders, and 19 sixth graders. The students took four challenging test events involving various mathematical questions and styles of problem-solving.

For each listed event, awards were given to the top placers in each grade and to the top Teams based on Team Math score. The basis for all awards is given below with each event.

Students qualified for the MATHLEAGUE.ORG District Championships via one of the following criteria:

- Scoring 60 or more points on the Sprint Test;
- Scoring 40 or more points on the Target Test;
- Being a member of a School Team that scored 50 or more points on the Team Test;

The MATHLEAGUE.ORG District Championships will be held in early March 2013 at a site to be determined. Qualified students will be contacted by MATHLEAGUE.ORG confirming their qualification and with details on the competition.

In accordance with privacy policy, only the first name and initial of the last name are listed and only the students announced at the contest are listed. A PDF of all scores in all events is available for download so that students may determine their placing in each event.

NOTE: When registering scores with MATHLEAGUE.ORG, it was discovered that there was an error in the scoring spreadsheet. Some students were credited with double their Target Team score when calculating their Individual Math score. In addition, some teams were credited with double their Team Test score when calculating their Team Math score. The results below indicate the correct placing using the correct score calculations.

All students and teams who received an award at the contest keep that award, any students wishing to replace their plaque (on a medal or trophy) or receive an award (if they did not receive an award at the contest) can contact SACMATH and arrangements will be made to get them the correct plaque or award. My apologies for the errors.

Individual Math

The Individual Math score is the sum of the scores on the Sprint and Target tests plus 25% of the score on the Number Sense Test.

Sprint is a 30 question multiple-choice test for which the students have 40 minutes. The score in Sprint is 4 points for each correct answer, minus 1 point for each incorrect answer. (Skipped questions are not counted as incorrect).

Target is an 8-question test where students must supply the exact answer. In Target, questions are given 2 at a time with 10 minutes allowed for each pair. The score in Target is 10 points for each correct answer with no deduction for incorrect or skipped answers.

Number Sense is an 80-question test for which the students have 10 minutes. Students must do all math in their heads and write down only the answer in simplified, lowest terms. Students may not use scratch paper, calculators, or any aids. Students may not erase, mark over, or cross out. Students must do the questions in order; any question skipped before the last question attempted, is counted as incorrect. The score in Number Sense is 5 points for each correct answer minus four points for each incorrect answer.

Individual Math - 3rd Grade (and below)

<u>First Name</u>	<u>Last Name</u>	<u>Team</u>	<u>School</u>	<u>Score</u>	<u>NS</u>	<u>Spr</u>	<u>Tar</u>
Lorenzo	C	3 - Math Machines	Theodore Judah	98.25	105	62	10
Ava	B	3 - Math-Magical	Theodore Judah	86.00	120	46	10
Tarun	V	3 - Math Machines	Theodore Judah	75.75	83	45	10
Nitalie	B	3 - Math Machines	Theodore Judah	64.75	63	39	10
Disha	N	3 - Math-Magical	Theodore Judah	59.50	30	42	10
Nicholas	G	3 – Olympians	Westlake Charter	59.25	53	26	20
Keshav S.	S	3 - Pershing-AR-KS	Pershing ES	57.75	51	35	10
Kriti	V	3 - Math-Magical	Theodore Judah	48.50	54	15	20
Rayan	H	4 - Pi People	Rocklin Academy	46.75	51	24	10
Li	T	3 - Strikers	Westlake Charter	46.25	45	25	10
				43.75	43	23	10
				43.25	33	25	10
				37.5	6	26	10
				37.00	44	16	10
				34.50	66	8	10
				30.00	40	10	10
				27.00	12	14	10
				26.00	28	9	10

				25.75	-33	24	10
				21.00	20	6	10
				18.25	17	4	10
				17.00	24	1	10
				16.00	-96	30	10
				12.50	-14	6	10
				11.75	15	-2	10
				10.50	42	-10	10
				9.75	7	-2	10
				8.50	-10	1	10
				4.25	-67	11	10

Individual Math - 4th Grade

<u>First Name</u>	<u>Last Name</u>	<u>Team</u>	<u>School</u>	<u>Score</u>	<u>NS</u>	<u>Spr</u>	<u>Tar</u>
Jacob	Z	5 - RocklinES-DZ-JZ-SR	Rocklin ES	171.50	166	70	60
Karina	A	5 - Right Triangle	Rocklin Academy	171.25	225	85	30
Albert	W	5 - Pershing-AK-PS-AW-AJ	Pershing ES	154.25	169	82	30
Dane	S	OPEN - Dane-Brendan	CA Montessori	146.75	155	68	40
David	Z	5 - RocklinES-DZ-JZ-SR	Rocklin ES	144.50	118	75	40
Achyuta	R	4 - Judah-AR-KA-HV-RS	Theodore Judah ES	124.75	231	47	20
Keshav	A	4 - Judah-AR-KA-HV-RS	Theodore Judah ES	107.25	125	46	30
Advait	T	4 - Judah-AT	Theodore Judah ES	105.50	150	48	20
Achyutha	K	5 - Pershing-AK-PS-AW-AJ	Pershing ES	99.25	157	50	10
Christopher	R	4 - Pi People	Rocklin Academy	98.25	165	47	10
				90.25	77	51	20
				79.00	48	47	20
				75.25	105	29	20
				72.25	73	44	10
				66.50	38	37	20
				62.25	25	36	20
				62.25	69	25	20
				54.75	75	26	10
				50.25	21	25	20

				44.25	29	27	10
				43.25	33	25	10
				42.00	8	30	10
				39.75	23	24	10
				38.75	-45	20	30
				38.00	4	17	20
				37.00	28	20	10
				21.50	30	14	0

Individual Math - 5th Grade

<u>First Name</u>	<u>Last Name</u>	<u>Team</u>	<u>School</u>	<u>Score</u>	<u>NS</u>	<u>Spr</u>	<u>Tar</u>
Antony	L	5 - Gallardo-PG-EY-AL	Sandra J Gallardo	194.00	236	95	40
Rohit	P	5 - Lakeview-RP	Lakeview ES	162.50	158	83	40
Vishal	S	5 - Pershing-VS-RYR	Pershing ES	150.75	183	75	30
Anjali	S	5 - Twin Power	Del Paso Manor ES	144.75	167	73	30
Nandini	S	5 - Right Triangle	Rocklin Academy	142.00	108	85	30
Anusha	S	5 - Twin Power	Del Paso Manor ES	131.00	188	74	10
Sohail	R	5 - RocklinES-DZ-JZ-SR	Rocklin ES	115.75	63	50	50
Aroop	B	5 - Judah-AB-DN	Theodore Judah ES	112.25	93	69	20
Praveen	G	5 - Gallardo-PG-EY-AL	Sandra J Gallardo	103.25	49	61	30
Jennifer	S	(none)	Merryhill Park City	100.50	110	63	10
				99.00	136	45	20
				98.75	95	65	10
				98.00	32	60	30
				95.75	163	45	10
				95.00	60	60	20
				93.25	93	60	10
				92.00	136	48	10
				87.00	104	51	10
				82.50	98	48	10
				81.50	34	53	20
				79.50	98	45	10
				77.25	97	43	10
				75.00	36	56	10
				66.25	57	32	20

				65.00	76	36	10
				64.25	89	32	10
				62.25	69	35	10
				49.00	36	30	10
				48.00	32	30	10
				47.75	31	20	20
				47.25	65	21	10
				44.75	39	25	10
				39.00	12	26	10
				32.25	-31	30	10

Individual Math – 6th Grade

<u>First Name</u>	<u>Last Name</u>	<u>Team</u>	<u>School</u>	<u>Score</u>	<u>NS</u>	<u>Spr</u>	<u>Tar</u>
Josh	G	6 - Math Olympians	Rocklin ES	186.00	180	81	60
Charley	H	6 - Divided by Zero	Western Sierra	179.25	145	83	60
Pranit	K	6 - Math Olympians	Rocklin ES	166.00	164	85	40
Shayana	V	6 - Math Olympians	Rocklin ES	156.25	153	98	20
Brandon	W	6 - Semi-Geeks	Merryhill School	155.75	235	77	20
Kristen	S	6 - Prime Factors	Rocklin Academy	149.75	159	80	30
Hridayesh	J	6 - Prime Factors	Rocklin Academy	146.25	145	80	30
Patrick	Y	6 - Prime Factors	Rocklin Academy	128.25	181	53	30
Shria	N	6 – Exponents	Rocklin Academy	125.25	185	69	10
Samarth	K	6 - Churchill-SK	Winston Churchill MS	121.00	164	70	10
				117.50	118	68	20
				115.50	102	60	30
				106.00	128	54	20
				103.75	167	52	10
				90.00	88	48	20
				83.75	99	49	10
				83.50	62	58	10
				78.75	55	45	20
				63.00	40	43	10

Team Math

The Team Math score is (the sum of the individual scores of the team members, divided by four, plus the team's score on the Team Test.

The Team Test is a 10 question test for which the Team has 20 minutes and submits one set of answers. Students on a team may collaborate while working on the Team Test.

Separate awards were given for top School teams (all four students from the same school) and Open teams (students from different schools).

For School Teams, awards were given for the top three teams at each grade level. The grade level of a team is the highest grade level of any member of the team. Open Teams were not classified by grade level.

Team Math – 3rd Grade

<u>Team</u>	<u>School</u>	<u>Members</u>	<u>Team Test Score</u>	<u>Total</u>
3 – Math Machines	Theodore Judah ES	Nitalie B Lorenzo C Tarun V	20	79.6875
3 – Math-Magical	Theodore Judah ES	Sanjana A Ava B Disha N Kriti V	10	65.0000
3 – Pershing-AR-KS	Pershing ES	Avanti R Keshav S	30	53.8125

Team Math – 4th Grade

<u>Team</u>	<u>School</u>	<u>Members</u>	<u>Team Test Score</u>	<u>Total</u>
4 – Judah-AR-KA-HV-RS	Theodore Judah ES	Keshav A Achyutha R Rohan S Harish V	30	129.3750
4 – Pi People	Rocklin Academy	Cyrus B Rayan H Christopher R Arjun S	30	90.4375

4 – Westlake-LC-BMII	Westlake Charter	Lauren C Bilal M II	30	57.1250
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Team Math – 5th Grade

<u>Team</u>	<u>School</u>	<u>Members</u>	<u>Team Test Score</u>	<u>Total</u>
5 – Twin Power	Del Paso Manor ES	Alexandra H Brianna H Anjali S Anusha S	40	155.3750
5 – RocklinES-DZ-JZ-SR	Rocklin ES	Sohail R Jacob Z David Z	40	147.9375
5 – Right Triangle	Rocklin Academy	Karina A Jessica J Nandini S	50	138.0000

Team Math – 6th Grade

<u>Team</u>	<u>School</u>	<u>Members</u>	<u>Team Test Score</u>	<u>Total</u>
6 – Math Olympians	Rocklin ES	Josh G Pranit K Shayana V	50	177.0625
6 – Prime Factors	Rocklin Academy	Cameron A Hridayesh J Kristen S Patrick Y	30	157.0000
6 – Divided by Zero	Western Sierra	Allen C Troy H Gabriel H Kyle P	30	155.5625

Team Math – OPEN

<u>Team</u>	<u>School</u>	<u>Members</u>	<u>Team</u>	<u>Total</u>
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			<u>Test Score</u>	
OPEN – Dane-Brendan	Folsom Charter CA Montessori	Brendan J Dane S	40	94.7500
OPEN – Ehrhardt-NatomasCharter	Ehrhardt ES Natomas Charter	Varsha Sai G Sehej S	30	74.8125