

SACMATH (Sacramento Area Competitions in Mathematics)

Results from the November 2012 High School Math and Science Contest
Held November 17, 2012 at Winston Churchill Middle School

20 students from 7 schools in the Sacramento area registered for the contest, consisting of 1 fourth grader, 1 middle school student and 18 high school students. The students took four challenging tests involving various mathematical and science 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.

Students qualified for the MATHLEAGUE.ORG California State 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;
- Being a member of a School Team that scored 50 or more points on Relay Test;

The MATHLEAGUE.ORG California State Championships will be held in mid-April 2012 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 first initial of the Last Name are given and only the students announced at the contest are listed. All scores are listed so that students may determine their placing in each event.

Individual Math

The Individual Math score is the sum of the scores on the Sprint and Target tests.

Sprint is a 30 question multiple-choice test for which the students have 60 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.

Individual Math - Middle School

<u>First Name</u>	<u>Last Name</u>	<u>Team</u>	<u>School</u>	<u>Score</u>	<u>Sprint</u>	<u>Target</u>
Arav	K	Arav & Stephen	Door 55	62	32	30
Stephen	S	Arav & Stephen	Churchill MS	26	26	0

Individual Math - 9th Grade

<u>First Name</u>	<u>Last Name</u>	<u>Team</u>	<u>School</u>	<u>Score</u>	<u>Sprint</u>	<u>Target</u>
Jack	G	Matadors	Mira Loma HS	139	89	50

Individual Math - 10th Grade

<u>First Name</u>	<u>Last Name</u>	<u>Team</u>	<u>School</u>	<u>Score</u>	<u>Sprint</u>	<u>Target</u>
Rayven	Z	The Third Place	Pleasant Grove HS	80	40	40
Emily	W	CDM	Mira Loma HS	68	28	40
Roger	Y	Matadors	Mira Loma HS	57	37	20
Jennie	N	CDM	Davis HS	43	23	20
Shirsha	S	The Third Place	Mira Loma HS	10	10	0

Individual Math - 11th Grade

<u>First Name</u>	<u>Last Name</u>	<u>Team</u>	<u>School</u>	<u>Score</u>	<u>Sprint</u>	<u>Target</u>
Brandon	L	CDM	Davis HS	123	63	60
Yash	F	Matadors	Mira Loma HS	106	66	40
Jacqueline	L	CDM	Davis HS	89	49	40
Matt	K	The Third Place	Mira Loma HS	73	43	40
Jared	S	Matadors	Mira Loma HS	72	42	30
June	Y	CDM	Davis HS	58	38	20
David	R R	The Third Place	Jesuit HS	28	18	10

Hoon	M	The Third Place	Mira Loma HS	8	-2	10
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Individual Math - 12th Grade

<u>First Name</u>	<u>Last Name</u>	<u>Team</u>	<u>School</u>	<u>Score</u>	<u>Sprint</u>	<u>Target</u>
Ryan	D	CDM	Christian Brothers HS	116	56	60
Alex	O	Matadors	Mira Loma HS	91	61	30
Michael	B	The Third Place	Pleasant Grove HS	66	26	40
Charles	L	Matadors	Mira Loma HS	64	44	20

Team Math

The Team Math score (sum of the Individual Scores of each student) divided by 6, plus the Tea's Score on the Team and Relay Tests. For a team to be a School Team, all team members must go to the same school. Teams with members from different schools are classified as Open Teams.

<u>Team</u>	<u>School</u>	<u>Members</u>	<u>Team</u>	<u>Relay</u>	<u>Score</u>
Matadors (SCHOOL)	Mira Loma HS	Yash F Jack G Charles L Alex O Jared S Roger Y	50	35	173.17
CDM (OPEN)	Christian Brothers HS Davis HS Mira Loma HS	Ryan D Brandon L Jacqueline L Jennie N Emily W June Y	40	5	127.83
The Third Place	Jesuit HS Mira Loma HS Pleasant Grove HS	Michael B Matt K Hoon M David R R Shirsha S Rayven Z	40	10	94.17
Arav & Stephen	Churchill MS Door 55	Arav K Stephen S	10	10	34.17