

## Solo Math

<b>LEVEL:</b>	<b>Middle/Junior High School</b>
<b>TYPE OF CONTEST:</b>	Individual by course level
<b>NUMBER OF TEAMS:</b>	3 student delegates per course per Center
<b>SPONSOR:</b>	Domingo Torres-Rangel Advisor, CSULA Center
<b>OVERVIEW:</b>	Students will take a math exam that will measure competency in the mathematical concepts, respective to their current math course, from the <u>Mathematics Framework for California Public Schools (2000 Revised Edition)</u> . All students who participate in MESA Day will take a math exam with the exception of those enrolled in Team Math Quest.
<b>COURSE LEVELS:</b>	<ul style="list-style-type: none"><li>• <b>General Math:</b> For students currently enrolled in a General Math class (<b>not open to 8<sup>th</sup> grade students</b>).</li><li>• <b>Pre-Algebra:</b> For students currently enrolled in a Pre-Algebra class.</li><li>• <b>Algebra I:</b> For students currently enrolled in an Algebra I class.</li><li>• <b>Geometry:</b> For students currently enrolled in a Geometry class.</li></ul>

## MATERIALS:

The student will provide the following item:

- Calculator. Only non-QWERTY calculators are allowed for the Algebra and Geometry exam. Calculators are not allowed for General Math and Pre-Algebra. Below is an example of a QWERTY calculator. Note the keyboard is horizontal.

This type of calculator is NOT allowed:



This type of calculator IS allowed:



The Host Center will provide the following items:

- Test Booklets
- #2 Pencils
- Scantron Answer Sheets

## RULES:

1. The student's full name, school name, MESA Center, and course level must be filled out completely on the scantron answer sheet. If the student's information is not complete, the student will be disqualified.
2. Calculators are NOT allowed during the General Math or Pre-Algebra exams.
3. A non-QWERTY calculator IS allowed during the Algebra and Geometry exams. The student must supply the calculator.
4. All students who participate in MESA Day will take a math exam with the exception of those enrolled in Team Math Quest.
5. Students take the exam individually.

MESA DAY CONTEST RULES 2009– 2009

Master Set

©University of California Regents

These rules are for the internal use of MESA staff and teachers only and should not be forwarded or used outside of MESA

6. Students may take a math test at a higher level than their current enrolled math class, but may not take a test at a lower level.
7. An exam, pencil and scantron sheet will be supplied by the Host Center.

**JUDGING:**

1. 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place is based on the score of the exam.
2. A tie breaker procedure is included in the Directors' Guideline Manual.

**AWARDS:** Awards will be given for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place per level in the following categories:

1. **Delegate:** Students who are representing his/her center in the Solo Math Competition at MESA Day.
2. **At Large:** Students who are representing his/her Center in one or more of the project-based competitions at MESA Day but did not qualify to advance as a delegate for their Center.

**ATTACHMENTS:** None