



# MESA DAY CONTEST RULES 2007 - 2008

## Solo Math

- LEVEL:** Middle / Junior High School
- TYPE OF CONTEST:** Individual by course level
- NUMBER OF TEAMS:** 3 student delegates per course per Center
- SPONSOR:** Domingo Torres-Rangel, Advisor, CSU Los Angeles Center

**OVERVIEW:** Students will take a math exam that will measure competency in the mathematical concepts, respective to their current math course, from the Mathematics Framework for California Public Schools (2000 Revised Edition). All students who participate in MESA Day will take a math exam with the exception of those enrolled in Team Math Quest.

### COURSE LEVELS:

- **General Math:** For students currently enrolled in a General Math class (**not open to 8<sup>th</sup> grade students**).
- **Pre-Algebra:** For students currently enrolled in a Pre-Algebra class.
- **Algebra I:** For students currently enrolled in an Algebra I class.
- **Geometry:** For students currently enrolled in a Geometry class.

### 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:



### **MATERIALS:**

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.
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 answer 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 tiebreaker 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