



MathVantage Contest

Participation is completely voluntary and the purpose of this contest is to engage students, parents, friends, and professors with creative and challenging math questions.

The MathVantage's contest will offer the winners free classes and courses to help students develop a solid math background and the skills needed to face the challenges of college and beyond. This contest allows them free rein of their creativity and enables them to push themselves beyond their perceived limits and initiates them into a way of dealing with challenges in life.

MathVantage Contest Rules

1. There are two kinds of the contest:

- **Creativity Contest (monthly):** Every first day of the month at noon, MathVantage will post one creative question and the previous solution on MathVantage's website, Facebook, Twitter, and Instagram. In general, Creative Questions have a short solution (few lines) with a moderate level of difficulty, requiring more out-of-the-box thinking.
- **Challenge Contest (monthly):** Every first day of the month at noon, MathVantage will post one challenge question and the previous solution on MathVantage's website, Facebook, Twitter, and Instagram. In general, Challenge Questions have a longer solution (one page) with a higher level of difficulty, requiring a solid math background, perseverance and self-confidence personality, and the ability to explore deeply new perspectives to solve a problem.

2. Creativity and Challenge contests are completely independent. Participation in contests requires one student or at most a group of five students. Although the contest is open for all ages, only students at least 12 years old can claim a prize.

3. Every contest will receive a sequential number and any participant can submit only one solution per contest. One student or group who submits more than one solution will be dismissed from that contest.

4. The solution needs to be original, correct, and justified before the contest expiration date. Avoid solutions than exceed 30 lines. (One page)

5. Students cannot use machinery, but they can consult books or get help from parents, friends, and professors.

How to Participate

I. Prepare your solution:

1. First find a solution and prepare your solution page(s) using the following format:

Title: Contest [number] - [Creative or Challenge] Question [number] - Date: mm/dd/yyyy

Solution: $x = 3$

$$2x - 3 = 7$$

$$2x = 10$$

$$x = 3$$

PS1: Your solution can be typed or handwritten (must be legible). Be sure your solution is clear, without names or any confidential information from the participants.

PS2: Scan your solution to **pdf** for better quality. Alternatively, you can take a photo of your solution page(s) with a cellphone. Other common formats including **Docx, pages, jpeg, or gif** also will be accepted.

II. Prepare Participant information Page:

1. Create a group name or nickname (ex: Kaimuki Warriors, Galaxy Fans, Home Alone,..).
2. Write a list of students who will claim the prize (max 5 students). This list needs to have the student's name, school, grade, email, and optionally phone number.
3. Write a list of other participants including friends, parents, or professors. This list needs to have only a name and optionally a comment (ex: Smith parent, Professor, John friend,..).

PS: The idea of the contest is to engage students, parents, friends, and professors. Don't be shy or uncomfortable giving credits for other participants because they are very welcome to have fun together.

4. Also, the group can decide if there is the Most Valuable Participant (MVP), who contributed the most to solving the question. The name of the group and the MVP will be revealed and posted on the social media if your solution were the best.

PS1: Since a question can have several original and correct solutions, MathVantage could prize several winners in a contest.

PS2: All information collected in the contest will be confidential and will be destroyed after MathVantage will contact the winners.

5. The information page has the following format:

Title: Contest [number] - [Creative or Challenge] Question [number] - Date: mm/dd/yyyy

Nickname or group: [Nickname or group name]

Student List:

Student: [name] - School: [school name], grade: [grade], email: [email address], and phone: [phone number (optional)].

Participant List:

Participant: [participant name] - [Comment].

Most Valuable Participant - MVP

Most Valuable Participant: [MVP name] - [Comment].

III. Email your Solution and Information Pages to MathVantage

1. Email your Solution and Information Pages to MathVantage at mathvantagecontest@gmail.com before the contest expiration date to compete for a prize.

PS: MathVantage will reply to you email with the Contest Winners and the best solution for the contest.

Prizes:

Creative Question

The winner student or group can choose any math topic for a private class. If the students don't have a particular topic, they can learn how to love and succeed in math. All participants who participate in the class will receive a stuffed animal or a MathVantage T-Shirt.

Challenge Question

The winner student or group can choose any Course in Algebra, Geometry, Trigonometry, or Calculus for free. (see the list of courses at the mathVantage's website: mathvantageschool.com).

Contact Us

Any questions about this contest, please send us an email at mathvantagecontest@gmail.com.

Any questions about courses, material, registration, or appointments, please call (808) 757-5684 or email us at mathvantageschool@gmail.com.

Good luck!

Patrick Chevalier

MathVantage Chairman

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