

**Contest 1 - Challenge Question 1 - Start Date : 05/01/2022 to End Date: 05/31/2022.**

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

Participants cannot use machinery, but they can consult books or get help from parents, friends, and professors. This contest will expired on May 31, 2022 at midnight.

Prepare your solution page(s) using the following format:

Title: Contest 1 - Creative Question 1 - Start Date : 05/01/2022 to End Date: 05/31/2022.

Solution:

bla bla bla

Answer:

PS1: Your solution can be typed or hand written (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.

**Challenge Question 1:**

A positive integer is written on each of the six faces of a cube. For each vertex, the product of the numbers written on the three adjacent faces is calculated. If the sum of these products is 715, find the sum of the six numbers on the faces.