

Mind Bender

Challenge yourself and solve complex problems from an area of math beyond the general curriculum. Requires a free and curious mind to do well!

General Guidelines:

- 2 participants from 10th to 11th grades
- The distribution of topics is the call of the participants
- Each participant will be told the titles of the topics approximately 10 minutes before the event.
- The tasks will be heavily proof based and will be marked by the scoring rubric specified below
- If 2 houses receive the same number of points, the house with the lower cumulative time taken will be awarded tie-breaker points
- If there still exists a tie, bonus tie-breaker questions will be given as a means to resolve the challenge
- Rest lies on discretion of the conductor
- Time - 2hrs
- Note: it is not compulsory for one student to be in 10th and the other to be in 11th. 2 11th/10 th graders can also do the event.
- The event is about understanding how higher level mathematics can be a wonderful addition to their existing skill set, done so in a fun and active manner.
- Working details of the event shall be specified 30 minutes prior to the end of the event.

Scoring Rubric:

- Clarity of argument
- Connection between drawn conclusions
- No logical/factual fallacies