

2024 Math Superbowl Rules and Regulations **Revised April 7, 2024**

Each school may bring students who are currently enrolled in math courses offered on their campus, as described below. Students attending a math class at a school other than their home school (the school at which they are primarily registered) will compete as a representative of their home school. If the student's home school is not competing, then the student can compete for the school at which their math class is based. Calculators are not allowed in the competition. The 2024 Math Superbowl consists of two events:

Five-Person Team Competition (The Bomb)

The Bomb exam is a 60-minute team competition. Each team will consist of 5 students, whose composition is:

High School Teams

- One student currently enrolled in a Secondary Mathematics I course (or equivalent).
- One student currently enrolled in a Secondary Mathematics II course (or equivalent).
- One student currently enrolled in a Secondary Mathematics III course (or equivalent).
- Two students currently enrolled in a math course offered at your school.

Junior High School Teams

- Two students currently enrolled in a 7th Grade Math course.
- One student currently enrolled in an 8th Grade Math course.
- Two students currently from your school.

If your school's structure does not match the course format mentioned above, please contact a competition co-chairperson to help determine an appropriate way to organize your Bomb teams.

Each school must provide one proctor per Bomb team. Questions on the High School Bomb will cover content from high school mathematics courses. Questions on the Junior High School Bomb will cover content from the 7th and 8th Grade mathematics curriculum. Both Bomb exams can also include questions involving general logical and mathematical thinking.

Each team member will be given a different colored pen and must use this pen only. Each team member must solve exactly one problem on each of the five pages. After they solve one problem on a given page, they must sign their name next to the appropriate problem number in the space provided, turn the paper face down, and then pass the paper to the team member on their right. If a team member cannot solve any remaining problems on a given page, they must select one of the problems and sign their name next to the problem number in the space provided. That will eliminate that problem from consideration by other team members. At no time should a student have more than one paper face up in front of him/her. No talking will be allowed during the competition.

When each student has solved or had an opportunity to solve one problem per page, the team captain will gather all five pages together, confirm that the exam papers have the appropriate signatures, and hand them to the proctor. The proctor will hold up the school sign to be assigned an order of finish number. The proctor will collect the pens and take the tests and pens to the director or designee. The highest score with the earliest time will determine the winners. The contest may also be terminated by time. Awards will be given to the first, second, and third place winners. Honorable mention ribbons will be given to the fourth and fifth place winners.

A school is allowed to bring as many official Bomb teams as they can field, but only a school's top two scoring teams are eligible for awards. All other Bomb teams are only eligible for honorable mention ribbons. Students from a given school who are not a member of an official Bomb team can be grouped with other such students to form unofficial Bomb teams. Scores from these Bomb teams also will not count toward winning an award, but high scoring unofficial Bomb teams may earn honorable mention ribbons.

Individual Competition (The Blitz)

Each Blitz exam is a 60-minute multiple choice test that is given at seven levels, based on the student's current enrollment.

- Level 1: 7th Grade Math.
- Level 2: 8th Grade Math.
- Level 3: Secondary Mathematics I (or equivalent).
- Level 4: Secondary Mathematics II (or equivalent).
- Level 5: Secondary Mathematics III (or equivalent).
- Level 6: Calculus. Topics will come from the AP Calculus AB course curriculum.
- Level 7: Statistics. Topics will come from the AP Statistics course curriculum.

As mentioned in the Bomb exam description, if your school's structure does not match the course format mentioned above, please contact a competition co-chairperson to help determine the appropriate exams for your students.

For scoring, there will be no penalty for guessing, except for tiebreaking. In the event of a tie, "Sudden Death" will determine the winner. The student Scantrons will be compared problem-by-problem. The student with the most correct answer for the first question where their answers differ will be assigned the higher ranking. Awards will be given to the first, second, and third place winners, and honorable mention ribbons will be given to the fourth and fifth place winners.

A school can enter as many eligible students in a particular Blitz exam as they wish, but only a school's top two scoring individuals are eligible for awards. All other individuals are only eligible for honorable mention ribbons.