



# Math Quiz Bowl Event Description

## Team Formation

Math quiz bowl teams will consist of three members. The team determines the division of responsibilities.

## Materials

- The use of standard scientific calculators will be permitted. However, all teams will be provided with a calculator on the day of the competition. No outside calculators will be allowed.
- No cell phones or electronic devices will be permitted on the competition floor. Possession of a cell phone or electronic device may result in disqualification.
- Teams will be provided with scrap paper for calculations.
- Teams are allowed to bring pencils or pens.
- Teams will be provided standard math formula sheets for reference purposes.

## Event Procedures

- All teams will compete at the same time and will have an equal opportunity to answer all questions.
- There will be a total of five (5) rounds.
  - Teams will be given five (5) minutes to answer five (5) questions at a time for four (4) rounds.
  - Teams will be given a combination of logic puzzles and/or a hands-on challenge to solve during one (1) round.
- Questions for the quiz bowl will be drawn from the subjects of Pre-Algebra, Algebra, Geometry, Logic, Statistics, and Probability.
- Questions will be classified into three difficulty levels, which will have a corresponding point value. Incorrect answers or unanswered questions are awarded 0 points.

Question Level	Difficulty	Points
I	Least Difficult	2
II	Moderately Difficult	5
III	Most Difficult	10

- Team responses must be written on a designated device or form.
- A maximum of 30 questions will be asked. However, time will be limited to 60 minutes.
- In the event that the maximum time for the event is reached, the competition will conclude and team scores at that time will become final. If the maximum time limit is reached while teams are in the process of answering a series of five (5) questions, teams will be allowed to finish answering. The responses will be scored, and the event will conclude after scores for that question are submitted.
- The team with the highest cumulative point total will be declared the winner of the competition.

## Tie Breaker

In the event of a tie for first place, those teams will participate in an elimination-style tiebreaker. The moderator will provide one question at a time. Any team that does not get the question right is eliminated. If no teams get the

answer right, then another question will be provided. The questions will continue to be provided until only one team is left and that team is declared the winner.