

# Mathing Bee Official Rules

Revised 4/14/18

## Advancement

1. In a typical **Mathing Bee**, the top student from each grade level advance to the next level of competition. A maximum of 5 students may advance.
2. As of February 2018, there are 4 levels of competition:
  - a. **Invitational**: hosted by a school or other sponsor
  - b. **School**: hosted by a school
  - c. **Regional**: hosted by a school or other sponsor
  - d. **State**: hosted by Number Dojo™

## Elegibility

1. Students in grades 1-12 are eligible to compete in the **Mathing Bee**:
  - a. Grades 1-4 in the Elementary School Level
  - b. Grades 5-8 in the Middle School Level
  - c. Grades 9-12 in the High School Level
2. Students can come from a Public, Charter, Private, or Home School. Upon request, students must provide proof of grade level

## Rounds

1. A standard **Mathing Bee** consists of 20 rounds.
2. Questions within a round will have approximately the same complexity and/or difficulty level.
3. If more than one contestant finishes all 20 rounds, additional tie-breaker rounds will be used.
4. A standard **Mathing Bee** might proceed as follows:
  - a. Rounds 1-8 cover concepts typically found in questions 1-20 on a number sense test.
  - b. Rounds 9-14 cover concepts typically found in questions 21-40 on a number sense test.
  - c. Rounds 15-18 cover concepts typically found in questions 41-60 on a number.
  - d. Rounds 19-20 covers concepts typically found in questions 61-80 on a number sense test.

## Rules

1. Each question must be answered by a single student--without the use of a calculator or scratch work.
2. Each question must be answered within the given time limit (minimum 10 seconds; maximum 30 seconds).
3. Each answer may be given orally or written legibly on a whiteboard/chalkboard. Only the first answer given will count.
  - a. Any answer which cannot be clearly understood by the judge(s) is considered wrong. Any question of handwriting legibility, enunciation, etc. will be at the discretion of the judge.
  - b. The contestant cannot erase or correct his/her answer once the answer is started.
4. The answer must be completely spoken or written before the timer reaches 0.
  - a. If the given answer is correct, the contestant advances to the next round.
  - b. If the given answer is incorrect, the contestant is eliminated.

5. Tie-Breaker Rule: If, within the same round, two or more contestants are eliminated, the contestant with the fastest cumulative answer time ranks ahead of the others.
6. A judge may decide to allow a contestant to answer a new question if there is a problem with a given question, answer, or a distraction/interference outside the contestant's control.
7. The appointed judge will decide all disputes, and his/her decision is final.
8. The competition ends when only one contestant answers correctly within a single round.

### **Scoring**

1. Each question answered correctly is worth 5 points.
2. Points accumulate throughout a single **Mathing Bee**, and across multiple **Mathing Bees**.

### **Spectators**

1. Spectators must not interfere in any way with the contest. Any spectator who is suspected of interfering will be asked to leave. The contest will proceed only once this happens.
2. The contest director may limit the number of spectators allowed per contestant, depending on room capacity.

### **Video**

1. Each **Mathing Bee** may be recorded by the contest director for promotional and/or statistical purposes.
2. Any contestant who does not wish to have his/her performance published may request so in writing.