

# Math

+ - × ÷

## Scholastic Motivations

The **Mathematics Olympiad** is open to all youth in grades 3 through 12. Students with a strong background in mathematics are encouraged to participate. Calculators are not permitted in Level I and Level II competitions. Please note that Levels III, IV, and V participants are encouraged to bring and use their own calculators. All youth participating must enroll for the AIM Math Olympiad by the required deadline. Each student is encouraged to compete in the daily (Tuesday & Wednesday) competition to best prepare them to excel in the national Math Olympiad.

### Math Olympiad Rules

Each participant will be assigned to the appropriate age/grade level and category of the competition. Each round will be given an allotted time for the exercises. There will be a variety of mathematical exercises measuring basic operations in addition, subtraction, multiplication, division, fractions, and word problems. There is a special category for all levels of the competition for Biblical mathematics. All participants are encouraged to bring their Bibles.

The Math Olympiad competition is conducted in five categories:

- Level I - Grades 3 & 4
- Level II – Grades 5 & 6
- Level III – Grades 7 & 8
- Level IV – Grades 9 & 10
- Level V – Grades 11 & 12

Participants for the Olympiad should concentrate on grade level materials. There is also a Biblical component of the Math Olympiad. Here are some sample Biblical mathematic questions:

1. Who is the oldest man and woman who died in the Bible?
2. Who is the oldest man who was born in the Bible?
3. Who is the oldest man who died in the Bible?
4. How many times did the Army of Israel march around Jericho?
5. How long did the "Noah-Flood" last?
6. How many years does Satan spend in jail?
7. Who saw Satan fall (as lighting) 186,400 miles per second?
8. Can you get to HEAVEN in a space ship traveling at the speed of light?
9. How old was CHRIST when Jesus was born???
10. Are there animals in HEAVEN?

Practice tests are given on Tuesday and Wednesday. Students with the highest score in each category receive a calculator. On Thursday of AIM, the National Math Olympiad competition test is given. Students with the highest score win the International AIM Mathematics Olympiad Trophy for each category.

Pencils and scratch paper will be provided. An instructional board or flip-chart, and an overhead projector and screen will be utilized for pedagogical and illustrational purposes.