



2026-2027 MISSION: STEM Mathematics Guidelines

A student team (up to three students) will be asked to solve mathematical problems at the appropriate academic level: **elementary, middle, or high school**. Problems are worded to the level suitable for each team. The team competition is designed to expand and encourage group inter-relational ability as well as making effective group decisions. Each team is encouraged to read, understand and visualize each problem before attempting to solve. This is a comprehensive, as well as academic, test.

Competition Rules:

1. Teams will consist of no more than 3 students.
2. Each team will be given the same set of problems.
3. Teams may select any problems from the set.
4. Teammates are strongly encouraged to work together and to discuss solutions.
5. **One**, and only one, solution will be accepted per team.
6. As each team completes a problem, the team will submit that problem and the time will be recorded.
7. Teams may submit as many problems as they can complete in one hour.
8. Each problem will be worth an equal number of points.
9. The team with the highest number of points will be declared the winner.
10. In the case of a tie, the team with the shortest time will be declared the winner.
11. Scratch paper and pencils will be provided to each team.
12. Show all calculations (clean/neat) on each question sheet. Scratch paper will be provided to work the problems out.
13. This is a closed book test. No books, magazines, calculating devices, or outside reference materials may be used.
14. No team member is allowed to obtain any assistance from any person other than his or her team members.