

## GENERAL INFORMATION FOR ESU MATHEMATICS DAY CONTESTS

1. There will be contests for individual competitions and for team competitions.
  2. A student, by participating in any contest, agrees that his or her scores and/or standing becomes public information. The results will be posted within two weeks of the competition date on the website given to you at Math Day. **Please do not call for results.** <http://www.emporia.edu/mathsecon/outreach/mathday/index.html>
  3. Each school accepting the invitation to ESU Mathematics Day is expected to have at least one student participate in some contest. Students may come, however, who will not be participating in any contest.
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## GENERAL INFORMATION FOR TEAM COMPETITIONS

1. There will be three team competitions

Algebra Team Contest	10:00 AM – 10:50 AM
Geometry Team Contest	11:00 AM – 11:50 AM
Math Scramble Team Contest	12:00 PM – 12:50 PM
  2. Calculators may be used for any of the competitions. **Graphics calculators are needed for the Algebra Team Contest** and recommended for the other contests.
  3. The team contests will be held in a large lecture hall and the public is invited to observe. Non-participating students may also attend and cheer their favorite teams.
  4. Each MATH TEAM for the team contests will consist of exactly three members.
  5. No school can have more than one team for each MATH TEAM contest.
  6. No student can be a member of more than one MATH TEAM. However, a student can compete in one team contest and one or both individual contests as accommodates his or her schedule.
  7. Any deviation or special conditions must be approved by Dr. Schrock before the competition.
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## GENERAL INFORMATION FOR INDIVIDUAL COMPETITIONS

1. There will be two individual competitions:

Geometry Contest	10:00 AM – 10:50 AM
Algebra Contest	11:00 AM – 11:50 AM
2. No school can have more than three students competing in any one of the individual contests. However, any one student can compete in both individual contests if desired.
3. The Algebra Contest will cover both Algebra I and Algebra II content. You may assign any student to take this test – even one who has not yet taken Algebra II, but such a student should be aware that some of the content might be beyond him or her at the time of the test.
4. Students may use calculators. A graphic calculator will be needed for some questions on the algebra exam. A student could complete the geometry test without choosing to use their calculator.

## SPECIFIC PROCEDURES FOR THE ALGEBRA, GEOMETRY AND MATH SCRAMBLE TEAM COMPETITIONS

1. Each competition will last approximately 50 minutes.
  2. Each problem will be projected on a screen with a specific time allowed for each problem and with the point value of the problem.
  3. Each three-member team will be seated together with an assigned monitor. (Monitors will be provided). An agreed upon answer to each problem must be written on a provided answer sheet and passed to the monitor for that team during the allotted time. In case of hardship or last minute complications, the director may give permission for 2 students to compete in a team event.
  4. The team competition for each problem will stop after the allotted time expires.
  5. An answer is either correct or incorrect. No partial credit is awarded.
  6. Each team submitting a correct answer within the allotted time will be awarded the indicated point value for the problem.
  7. Several times during the contest, team scores will be totaled and revealed in order that the teams and observers can evaluate their progress in the contest.
  8. At the conclusion of each contest, the scores of each school team will be totaled and awards given for 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place winners in each division. Ties will be eliminated by further competition. Results at the end of the competition are unofficial.
  9. **Graphics calculators are needed for the Algebra Team Contest** and recommended for the other contests.
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## SPECIFIC PROCEDURES FOR INDIVIDUAL COMPETITIONS

1. The individual competitions will be 40 to 50 minutes in duration. The test will be a comprehensive one over the subject.
2. Each answer is either correct or incorrect with no partial credit awarded.
3. Only students competing in the individual competition will be allowed in the room of the contest.
4. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> place medals will be awarded for each of the two individual competitions in each division.
5. There will be questions on each test to be used only in the case of a tie.