10th Annual SMMART Tournament
Saturday April 21, 2018

Rules

1. This is a team competition. Teams may consist of three or four members (neither more nor fewer).

2. A college may enter one, two, or three teams. Each college must have at least one faculty sponsor present. The maximum number of teams in the competition is 30.

3. Participants must be enrolled in at least one course at their respective colleges during the spring 2017 semester and must never have been enrolled in a math course above the college sophomore level (numbered in the 200’s). High school students who are enrolled in a college course are eligible.

4. The competition will consist of two rounds of five problems each. In round 1, no calculator may be used. In round 2, each team will be provided with one TI-83 or TI84 calculator. Participants may not use their own calculators. Throughout the competition, participants will be provided with pencils and paper. Use of cell phones, pagers, and the like for any reason is prohibited.

5. The problems will involve college algebra, number theory, logic, trigonometry, functions, geometry, analytic geometry, complex numbers, probability, and statistics.

6. Each team will submit one answer to each problem. Answers must have appropriate units; participants will not be reminded of this. Only the answer that the team submits matters; there is no partial credit, and there is no need to show work.

7. Teams will have ten minutes to solve each problem. Points will be allotted as follows:
   • Correct answer submitted from 0 to 5 minutes: 3 points
   • Correct answer submitted from 5:01 to 8 minutes: 2 points
   • Correct answer submitted from 8:01 to 10 minutes: 1 point

8. Each team answer will be submitted to a proctor, who will write on it the time of submission. Teams will not submit answers to the judges.

9. First, second, and third places will be awarded to the teams with the most points after the two rounds. Ties will be broken by number of correct answers. Remaining ties will be broken by least total time to submit all correct answers.