



# Snow College Mathematics Contest

April 5, 2011

Senior Division: Grades 10-12

Form: **T**

**Please read all instructions on this page very carefully.**

1. Leave this booklet closed until you are instructed to begin.
2. Go ahead right now and bubble in the information on the left side of your answer sheet. Use a #2 (or HB or soft) pencil to print and bubble your name, last name first. Bubble in your sex, grade, and birthday where indicated. Bubble your phone number (with area code) in the Identification Number section. *Put your test version (Form T) in the upper right margin.* Write the name of your school (spell out, no initials) at the top in the margin above your name.
3. This is a two hour examination consisting of 40 multiple choice problems. Avoid random guessing as there is a penalty for wrong answers. There is no penalty for leaving a question blank. The formula for scoring the test is  $\text{Score} = 4R - W$  where  $R$  and  $W$  denote the number right and wrong respectively. The possible scores range from  $-40$  to  $160$ .
4. In the event of a tie, the person with the largest number of the following five problems correct will be declared the winner: 20, 24, 31, 35, 37. Any further ties will be broken by a coin toss.
5. When the test begins, bubble in the single best answer to each question you choose to answer clearly on the answer sheet. Use #2 (or soft) pencil. Completely erase any incorrect answers.
6. The sketches that accompany the problems are not necessarily drawn to scale.
7. No calculators are allowed.
8. Do not talk or disrupt other test takers during the exam. Cell phones must be OFF.
9. Please raise your hand if you need scratch paper or a new pencil; a proctor will assist you.
10. The proctors have been advised to answer no questions pertaining to the exam.
11. While we recommend you stay and recheck your answers, if you finish early you may quietly turn your answer sheet in and leave. After the two hour time limit is up the proctors will call for all answer sheets; hand them in promptly.

## After the test:

1. You may keep this test booklet and the pencils.
2. If you RSVP'd to spend time with one of our science departments for lunch, please meet them in the science building; otherwise lunch may be purchased at the Snow College Cafeteria or downtown. In any event, you should plan to be back at the LDS Institute by 1:30 p.m. for the scores and presentation of the awards.
3. Top individual and team scorers in each classification will receive prizes.
4. Thanks for coming. Your instructors will be happy to work the problems for you, and they will also be given copies of your answer sheets.