



# Snow College Jr. Mathematics Contest

April 5, 2022

Junior Division: Grades 7–9

Form: **T**

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

1. Leave this booklet closed until you are instructed to begin.
2. Bubble your test version (Form T) on the upper left side of the bubble sheet. Make sure your bubble sheet has your name already printed (if not, return to the registration table).
3. This is a one hour examination consisting of 20 multiple choice problems. Bubble in the single best answer to each question you choose to answer clearly on the answer sheet. Completely erase any answers you wish to change.
4. 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  $\text{Score} = 20 + 4R - W$  where  $R$  and  $W$  denote the number right and wrong respectively. The possible scores range from 0 to 100.
5. Ties will be broken by the first discrepancy in the following five problems *in order*: 1, 7, 10, 17, 20. In the event of no discrepancies in those problems, the tie will be broken by a coin toss.
6. No calculators are allowed.                      Diagrams are not necessarily drawn to scale.
7. Do not talk or disrupt other test takers during the exam. Cell phones must be OFF (not just on silent or vibrate, but OFF).                      No ear buds are allowed.
8. Please raise your hand if you need scratch paper or a new pencil; a proctor will assist you.
9. The proctors have been advised to not answer questions pertaining to the exam.
10. While we recommend you stay and recheck your answers. If you finish early, you may quietly turn your answer sheet in and wait for the group competition. Please don't leave. After the one 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. There is a group activity during the 2nd hour.
2. If you RSVP'd to spend time with one of our science departments for lunch, please meet them in the science center (GRSC) or library auditorium; 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 1:00 p.m. for the scores and presentation of the awards.
3. The top scorers from each grade 7–9 will be awarded a prize.
4. Thanks for coming; we hope you had fun and learned some math. Your instructors will be happy to work the problems for you. They will also be given copies of your answer sheets.