

**Math is Cool Championships - 7th, 8th & High School****GENERAL INSTRUCTIONS**

Good sportsmanship is expected throughout the competition by all involved. Bad sportsmanship may result in disqualification. Calculators may not be used on any portion of this contest. All fractions and ratios must be reduced. Units are not necessary unless it is a problem that deals with time and in that case, a.m. or p.m. is needed. However, if you choose to use units, they must be correct. Leave all answers in terms of pi where applicable. Do not round any answers unless stated otherwise. Record all answers on the colored cover sheets in the answer column only. Make sure all answer sheets have all the information at the top of the sheet filled out. Tests will be scored as a 0 if answers are not recorded on the answer sheets.

**INDIVIDUAL TEST - 35 minutes**

When you are prompted to begin, tear off the colored sheet and begin testing. This test is scored as a 1 or 0. Express all answers as reduced fractions unless stated otherwise. Make sure all fractions and ratios are reduced. Units are not needed except on questions that deal with time and in that case a.m. or p.m. is needed. If you choose to use units you must use them correctly. No talking during the test.

**INDIVIDUAL MULTIPLE CHOICE - 15 minutes**

This test is the only test where you will be penalized for incorrect responses. You will receive 2 points for a correct letter response, 0 points for leaving it blank and -1 point for an incorrect response. This test is taken individually, but it is part of your team score. Your team score will be calculated by taking the mean of your four team member's scores. When you are prompted to begin, tear off the colored sheet and begin testing. Since this is a multiple choice test, ONLY a letter should be listed as an answer on the answer sheet. No talking during the test.

**TEAM TEST - 15 minutes**

When you are prompted to begin, tear off the colored sheet and give a copy of the test to each of your team members and begin testing. This test is scored as a 1 or 0. Express all answers as reduced fractions unless stated otherwise. Make sure all fractions and ratios are reduced. Units are not needed, except on questions that deal with time and in that case a.m. or p.m. is needed. If you choose to use units you must use them correctly.

**PRESSURE ROUND - 10 minutes**

When it is time to begin, the proctor will hand you a packet of questions. There is a copy of the questions for each team member. Two minutes after the start of the test you are expected to submit an answer for one of the questions (it can simply be a guess). The maximum worth of this answer is 1 point. In another two minutes, you are expected to submit another answer to one of the four remaining questions; its maximum value is two points. This process will continue until all the questions are answered and each consecutive question's worth will go up by one point. You must submit your answers on the colored sheets given to you. If you do not have an answer at the end of a two minute period, you must still submit an answer sheet with an identified question number on it. Failure to do so is cause for disqualification. The proctor will be timing this event and will give you a verbal 5 second warning and tell you to hold your answer sheet up in the air. You can keep working as the proctor collects these sheets.

**COLLEGE BOWLS - up to 10 minutes per round**

At some competitions, it is necessary for proctors to read the rounds more than once to a different group of students. If this is the case today, to maintain the integrity of the competition, spectators must stay in this room during all of the round one readings. You will not be allowed to leave and watch another round one reading. Once all round one readings have been completed, you may leave.

- ☐ A maximum of seven questions per round will be scored. It is OK for both teams to score the same amount of points! The proctor will record the points earned on each team's score sheet.
- ☐ You may use scratch paper and pencil. You may talk with your team members while arriving at a solution.
- ☐ An electronic College Bowl Apparatus (CBA) will be used to identify the team who is first to have an answer.

During these rounds, the questions will be read twice and a maximum time of 45 seconds will be allowed for you to answer after the proctor finishes the second reading of the question. If a team buzzes in after the second reading and gives an incorrect response, the other team has the remaining time of the 45 seconds to respond. You may interrupt while a question is being read, however, if you do, the proctor will stop and an immediate response is needed. If the correct response is given, a new question will be asked. Otherwise, the question will be reread for the other team, making sure it has two full readings. Forty-five seconds will be given for the team to respond from the completion of the last reading. If an immediate response is not given after a team pulls the string, their lack of an answer in a timely manner is considered wrong.

- ☐ You do not need to wait to be acknowledged by the proctor, however, it is in your right to do so if you would like to be acknowledged.
- ☐ If two students from the same team answer at the same time with different answers, the answer will be considered incorrect.
- ☐ If a problem arises with one of the questions, an extra question will be asked to replace that question. There is only one extra question per round. If the round finishes early, you need to stay in the room for the remaining time.

**Note New Rule:** Any student may compete as an individual in their grade level or any higher grade; however, a student may compete as a team at one grade level only. This applies to both Championships and Masters.