

PHUHS Mighty Mu Rules (Updated 1/16/2023)

Individual Tests

Individual tests are scored the same as FAMAT tests. 4 points are earned for correctly answered questions, and 1 point is deducted for any incorrect question. 0 points are given for any omitted questions. There are 30 questions on each individual test, and each student has 60 minutes to answer all questions. In summary, there is a maximum of 120 points on each test and a minimum of -30 points.

Team Tests

Each team question will consist of four parts (each which will require a distinct numerical or written answer). The number of correctly answered parts will count as 1 point, and a time multiplier will be factored in as follows: x4 for answering in the first minute, x3 for answering in the second minute, x2 for answering in the third minute, and x1 for answering in the fourth minute. No answers and points will be awarded for submissions after the 4th minute.

For example, if a team submits their answer sheet with 3 of the four parts correctly answered in the second minute, they will earn 3 points from the correctly answered parts times the multiplier, x3, which will award them 9 points in total for that question. The team round will conclude after 12 questions (or after any additional tiebreaker or flawed-question redo questions if necessary). When applicable, a sliding scale will be used. This means maximum points will be awarded the first minute a team turns in a correct answer.

For example, if the first team to turn in a correct answer turns in their sheet in the second minute, then all correct answers will be multiplied by 4 in the second minute. It follows that all correct questions in the third minute are multiplied by 3 and all correct answers in the fourth minute are multiplied by 2.

Only one team per division per school can place:

This means that if both the competitive teams of some event of one school earn enough points to place, only the students on the team with the higher amount of points will earn trophies. (We know this may create hard feelings; do your best).

Disputes

If there are any disputes (questions that you believe are mathematically wrong or misleading), you may submit disputes after the Individual and Team rounds in the semicircular building next

to the courtyard. Points may be awarded for "unique interpretations". If a question is found to be largely flawed as to unbalance the fairness of the question, that question may be thrown out. If another answer is found to be correct in addition to the one originally posted, all students who answered this answer will be awarded points in addition to those who submitted the originally correct answer.

Who can compete?

If you are not currently enrolled in a specific class (online, in-person, at school, homeschool) you may not compete in that division. Only students currently enrolled in the class that they wish to compete in may compete in that division.

For example, if a student took Geometry online over the summer and is currently in Algebra 2 as an eighth grader, then they cannot compete in Geometry.

School Entries

As Palm Harbor University High School hosts Mighty Mu, there are several schools willing to compete, including schools from districts aside from Pinellas County Schools. For the 2023 Mighty Mu Competition, only Pinellas County Schools will be allowed to participate and priority will be given to schools north of Ulmerton.