

### I. ELIMINATION ROUNDS

1. **ALL public and private schools** must register online via the online MMC Form No. 1: <http://metrobankmathchallenge.com> on or before **November 17, 2018**.
2. The contestants from each participating school shall take the elimination round in a testing center designated by the Division. The elimination round is a written test.
3. Contestants in a testing room must be of the same grade level. Students from the same school must not sit beside each other nor one behind the other.
4. Contestants are NOT allowed to bring cellphone, ipad, ipod, camera, calculator, laptop computer, and other gadgets inside the testing room.
5. The proctor shall distribute first the scratch papers where the contestants shall solve the problems. Contestants should write their names in all the scratch papers.
6. Before distributing the test papers, the proctor should tell the contestants that they should write **only** their name and school on the test paper. No one should begin answering the questions unless the proctor gives the signal to do so.
7. The proctor tells the contestants that **only the final answers** must be written on the test paper. All solutions shall be placed on the scratch papers which should also be turned over to the proctors together with the test paper.
8. The proctor informs the contestants of the time limit for the test. He gives the signal for the contestants to begin. Then, he writes on the board "Time Started: \_\_\_\_ " and "Time Ends: \_\_\_\_ "  
Duration of the test:

Grade Level	Time Allotment
Grades 1 and 2	60 minutes
Grades 3 and 4	80 minutes
Grades 5 and 6	100 minutes
Grade 7 to 10	2 hours

9. Proctor gives 15 minutes and 5 minutes warning before the time is up. All test and scratch papers should be collected when the time is up.
10. The proctor shall give all papers (answered test papers, scratch papers, extra copies of questions) to the person in-charge of assigning the checkers.
11. If any student submits the paper before the time, the proctor shall accept it and ask the student to leave the classroom. The proctor shall collect ALL papers when the time is up and will not allow any extension.

12. The papers shall be corrected using the answer keys provided. Answer keys shall only be opened just before correction begins. Each correct answer merits one point.
13. The scores of the top two contestants of a school by grade/year level shall be added to form the school's score. Suppose the scores of the (3) contestants of **School A** in **Grade 1** are as follows:

**Efren:** 32

**Rosa:**35    **Jose:** 38

- The score of **School A** will be  $35 + 38 = 73$ . The **Grade 1** team from **School A** will be composed of **Jose** and **Rosa**.
- Assuming **School A** qualifies to compete in the **Division Team Finals**, **Efren** will be the alternate if either Rosa or Jose is not available on the date of the competition.
- If in case both **Jose** and **Rosa** are not available to compete due to unforeseen circumstances, **Efren** will not be allowed to compete alone. Thus, their team will automatically be disqualified. **SUBSTITUTION IS NOT ALLOWED.**

## II. DIVISION FINALS

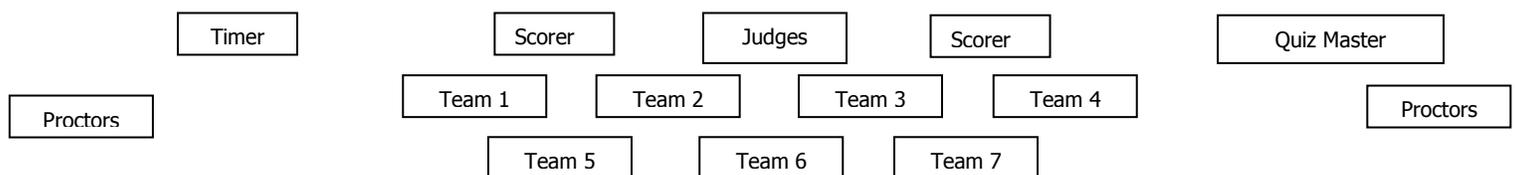
14. The Division Finals is an oral team competition.
15. Each team will be provided with slips of paper for the answer to each question. Before the first question, they will write their team identification on each slip.
16. There shall be 20 questions: 10 fifteen-second questions worth 2 points each, 5 thirty-second questions worth 3 points each and 5 one-minute questions worth 5 points each for a total of 60 points.
  - a. The 15-second questions are to be answered mentally. There will be no writing anywhere, neither on paper, the table, etc. The team of two will work together as one to discuss their answer to the question. They may start discussing their solution after the first reading of each question.
  - b. For the 30-second questions, scratch paper will be provided for each team-contestant. Contestants may begin solving as soon as they wish.
  - c. For 1-minute questions, a copy of the questions will be provided for each team. Scratch papers will be provided.
  - d. NO additional questions should be asked over the 20 official questions provided for this stage of the competition.
17. The quizmaster will read each question twice, after which he/she gives the GO signal. The timer starts when the quizmaster gives the GO signal. The questions shall be read exactly as it is formulated. Rephrasing of the questions is not allowed.
18. Each answer will be written on the official answer slips provided. As soon as the buzzer rings, everybody must stop writing.

19. Proctors will collect the answer slips and give them to the judges who sort them into two sets: those with correct answers and those with wrong answers.
20. One of the judges will announce the teams with the correct answer. The scorers record the points obtained by each team for each correct answer.
21. Answers must be given complete with units and to the required accuracy. However if the unit is already given in the way the question is asked, it need not be given in the answer.
22. The teams will be ranked according to their total score in the three parts to determine the winners.
23. In case of a tie among any of the teams vying for the first three places, a set of 3 questions will be given to break the tie, one from each category of questions. If the tie is not broken after the three questions, "do or die" questions will be given.

### COMPLAINTS OR CLARIFICATIONS

24. Only the official contestants may raise a complaint or clarification.
25. Complaints on a given question should be made before the next question is asked. This should be directed to the Chairman of the Board of Judges.
26. The following are responsible for settling all questions, including protest, which may arise in the course of the competition:
  - **Elimination Round to the Division Finals** - Department of Education (DepEd)
  - **Regional Finals** - Mathematics Teachers Association of the Philippines, Inc. (MTAP)
  - **National Finals** - Metrobank Foundation, Inc. (MBFI)

### SUGGESTED PHYSICAL ARRANGEMENT:



27. Each team of 2 will be seated in such a way that they can discuss their answers. They must be facing the judges.

### MANPOWER REQUIREMENT:

28. Each venue requires the following support staff: 3 Judges, 1 Quizmaster, 2 Scorers (1 on the board/project on screen and 1 manual scoring using the score sheet), 1 timer, 1 proctor for every 4 to 5 teams.

## **BOARD OF JUDGES:**

29. There will be a panel of three judges composed of persons competent in the field of Mathematics.
30. Before the competition officially starts, the board of judges shall review and resolve issues and problems regarding the test questions and their respective answers.
31. The board of judges is responsible in settling the complaints and address clarifications on a given question or issue during the competition. All decisions of the board of judges shall be final.

## **CHANGES ON RULES AND REGULATIONS**

32. Only the National Steering Committee reserves the right to make any modifications on the rules and regulations of the Competition.

## **III. REGIONAL FINALS**

### **A. INDIVIDUAL COMPETITION: (*Grade 6 and Grade 10 only*)**

33. The Regional Finals for the Individual Competition is a written exam.
34. The test consists of three types of questions:
  - Part I - 15 questions worth 2 points each
  - Part II - 5 questions worth 3 points each; and
  - Part III - 3 questions worth 5 points each for a total of 60 points
35. For this competition, the contestants must use their code numbers given to them at the registration.
36. The Grade 6 contestants will be given 1.5 hours to answer the test; the Grade 10 contestants, 2 hours.
37. Partial credit will be given to answers in Parts II and III.
38. There may be more than one corrector for the papers, but only one may correct either Part II or III for the sake of consistency in the giving of partial credit. Each paper must be counter-checked by a corrector of another part of the paper.

### **B. TEAM COMPETITION: (*Grade 6 and Grade 10 only*)**

39. The mechanics of the Regional Finals Team Competition is the same as that of the Division Finals.

## **IV. NATIONAL FINALS**

### **A. INDIVIDUAL COMPETITION: (*Grade 6 and Grade 10 only*)**

40. The individual contestants will undergo both written and oral competitions. The individual written competition will be administered a day before the oral competition.

41. The final score of each individual contestant will be 60% of the written score + 40% of the oral score. This will be announced after the oral competition.
42. The contestants will be ranked according to the combined scores and the top three will be declared winners.

**B. TEAM COMPETITION: (*Grade 6 and Grade 10 only*)**

43. The team contestants will undergo an oral competition only. The mechanics are the same as those of the Division and Regional Finals.
44. The top three teams will be declared winners. In case of a tie among any of the teams vying for the first three places, a set of 3 questions will be given to break the tie, one from each category of questions. If the tie is not broken after the three questions, "do or die" questions will be given.