



# Chen Jingrun's Cup Secondary School Mathematics Competition

## XIAMEN UNIVERSITY MALAYSIA



### The 7<sup>th</sup> Chen Jingrun's Cup Secondary School Mathematics Competition in 2023

| <b>1. Name</b>                  | Chen Jingrun's Cup Secondary School Mathematics Competition   |        |        |                |                                |                 |                                |             |       |                 |   |               |                |
|---------------------------------|---|--------|--------|----------------|--------------------------------|-----------------|--------------------------------|-------------|-------|-----------------|---|---------------|----------------|
| <b>2. Organizer</b>             | Xiamen University Malaysia  |        |        |                |                                |                 |                                |             |       |                 |   |               |                |
| <b>3. Objectives</b>            | <ul style="list-style-type: none"> <li>(a) Promote students' interest in mathematics and train more STEM experts for Malaysia.</li> <li>(b) Encourage students to learn mathematics and enhance their logical thinking.</li> <li>(c) Encourage intellectual interaction among students in the respective region.</li> <li>(d) Uncover students' mathematical talent and encourage them to become mathematicians.</li> </ul>   |        |        |                |                                |                 |                                |             |       |                 |   |               |                |
| <b>4. Regions and Locations</b> | <p>This competition is a regional competition.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #fff9c4;"> <th style="text-align: left;">Region</th> <th style="text-align: left;">States</th> </tr> </thead> <tbody> <tr> <td>Central Region</td> <td>Kuala Lumpur, Selangor, Pahang</td> </tr> <tr> <td>Southern Region</td> <td>Johor, Melaka, Negeri Sembilan</td> </tr> <tr> <td>Perak State</td> <td>Perak</td> </tr> <tr> <td>Northern Region</td> <td>Kedah, Penang, Kelantan, Perlis, Terengganu</td> </tr> <tr> <td>East Malaysia</td> <td>Sabah, Sarawak</td> </tr> </tbody> </table> | Region | States | Central Region | Kuala Lumpur, Selangor, Pahang | Southern Region | Johor, Melaka, Negeri Sembilan | Perak State | Perak | Northern Region | Kedah, Penang, Kelantan, Perlis, Terengganu | East Malaysia | Sabah, Sarawak |
| Region                          | States  |        |        |                |                                |                 |                                |             |       |                 |   |               |                |
| Central Region                  | Kuala Lumpur, Selangor, Pahang  |        |        |                |                                |                 |                                |             |       |                 |   |               |                |
| Southern Region                 | Johor, Melaka, Negeri Sembilan  |        |        |                |                                |                 |                                |             |       |                 |   |               |                |
| Perak State                     | Perak   |        |        |                |                                |                 |                                |             |       |                 |   |               |                |
| Northern Region                 | Kedah, Penang, Kelantan, Perlis, Terengganu   |        |        |                |                                |                 |                                |             |       |                 |   |               |                |
| East Malaysia                   | Sabah, Sarawak  |        |        |                |                                |                 |                                |             |       |                 |   |               |                |
| <b>5. Date and Time</b>         | <p><b>21st June 2023 (Wednesday)</b></p> <p>The participating school should fix a <b>two-hour duration</b> between 8:00am and 4:00pm on <b>21<sup>st</sup> June 2023</b> as the competition time and inform the organizer and the participants accordingly.</p> <p style="color: blue;">The earliest starting time for the competition is 8:00am, and the latest is 2:00pm. Participants are only given two hours to answer the questions.</p> <p>The teachers-in-charge would be asked to fill in a form regarding the starting time of their respective schools two weeks before the competition. This time cannot be changed without the consent of the organizer.</p>     |        |        |                |                                |                 |                                |             |       |                 |   |               |                |

| <p><b>6. Eligibility</b></p>          | <p>All Malaysia secondary school and pre-university students from <b>participating schools</b> can take part in the competition, including foreign students. Registration is through participating schools only.</p> <p>To become a participating school, there should be <b>at least 5 students</b> from the school who want to take part in this competition. Schools that have been participated in 2022 with at least 5 participants would be qualified automatically, except for schools that have been put in the bar list. Other schools who want to join this competition need to send in request via the google form.</p> <p><a href="https://forms.gle/UCbnpUoWgPbV4xAv8">https://forms.gle/UCbnpUoWgPbV4xAv8</a></p> <p>The deadline of application to become a participating school is <b>25<sup>th</sup> April 2023</b>.</p> <p><b>Tuition/training centres would not be entertained. The organizer reserves the right to reject registration by a school/centre with dubious identity.</b></p> |          |             |        |  |              |   |        |  |
|---------------------------------------|--|----------|-------------|--------|--|--------------|---|--------|--|
| <p><b>7. Categories</b></p>           | <p>There are three categories, namely, Junior, Intermediate and Senior.</p> <table border="1" data-bbox="411 954 1362 1335"> <thead> <tr> <th>Category</th> <th>Eligibility</th> </tr> </thead> <tbody> <tr> <td>Junior</td> <td>Junior Middle 1, Junior Middle 2<br/>Form 1, Form 2, Year 7, Year 8</td> </tr> <tr> <td>Intermediate</td> <td>Junior Middle Three, Senior Middle One<br/>Form 3, Form 4, Year 9, Year 10</td> </tr> <tr> <td>Senior</td> <td>Senior Middle 2, Senior Middle 3<br/>Form 5, Form 6, Foundation, A Level,<br/>Year 11, Year 12</td> </tr> </tbody> </table> <p>There is no restriction on the number of participants in each category, but the <b>total number of participants from all three categories must be at least 5</b>.</p>   | Category | Eligibility | Junior | Junior Middle 1, Junior Middle 2<br>Form 1, Form 2, Year 7, Year 8 | Intermediate | Junior Middle Three, Senior Middle One<br>Form 3, Form 4, Year 9, Year 10 | Senior | Senior Middle 2, Senior Middle 3<br>Form 5, Form 6, Foundation, A Level,<br>Year 11, Year 12 |
| Category                              | Eligibility  |          |             |        |  |              |   |        |  |
| Junior                                | Junior Middle 1, Junior Middle 2<br>Form 1, Form 2, Year 7, Year 8   |          |             |        |  |              |   |        |  |
| Intermediate                          | Junior Middle Three, Senior Middle One<br>Form 3, Form 4, Year 9, Year 10  |          |             |        |  |              |   |        |  |
| Senior                                | Senior Middle 2, Senior Middle 3<br>Form 5, Form 6, Foundation, A Level,<br>Year 11, Year 12   |          |             |        |  |              |   |        |  |
| <p><b>8. Medium</b></p>               | <p>All questions are set in both Chinese and English.</p>  |          |             |        |  |              |   |        |  |
| <p><b>9. Question Format</b></p>      | <p>There are 30 questions. The answer to each question is an integer. Participants should only write down the answers in the answer sheet. Do not write the steps.</p>   |          |             |        |  |              |   |        |  |
| <p><b>10. Tools</b></p>               | <p>Participants <b>can</b> use a scientific non-programmable calculator. They <b>are not</b> allowed to use other computational aids. They <b>cannot</b> communicate with each other and <b>cannot</b> seek help from third party.</p> <p>Each school should provide their participants with draft papers.</p>   |          |             |        |  |              |   |        |  |
| <p><b>11. Registration Period</b></p> | <p><b>The registration deadline is 30<sup>th</sup> April 2023 (Sunday)</b>. The organizer would not entertain any request to add/change participants after the deadline.</p>   |          |             |        |  |              |   |        |  |

|                                       |   |
|---------------------------------------|---|
| <p><b>12. Registration Fee</b></p>    | <p>Each participant should pay a <b>registration fee of RM 10</b> to their teacher-in-charge.</p> <ul style="list-style-type: none"> <li>• The <b>participating school</b> should retain <b>RM 8</b> per participant to cover their own expenses.</li> <li>• <b>RM 2</b> per participant should be paid to the <b>organizer</b>.</li> </ul> <p>Each school should bank in the total registration fee of RM 2/participant in one transaction to the following bank account, save the transaction receipt as a PDF file, and upload to the registration folder shared by the organizer.</p> <p><b>Account Number: 112371086176</b></p> <p><b>Bank: Maybank</b></p> <p><b>Account Name: Teo Lee Peng &amp; Lim Min</b></p> <p><b>The deadline for the payment of the registration fee is also 30<sup>th</sup> April 2023.</b></p> <p>The organizer would not entertain any request to reimburse the registration fee even if the participants want to withdraw from the competition or forced to withdraw due to unforeseen circumstances. However, if the organizer fails to run the competition due to unexpected circumstances, all paid registration fees would be fully reimbursed.</p> |
| <p><b>13. Registration Method</b></p> | <p>Each participating school appoints a main teacher-in-charge, complete the excel registration form in the respective shared folder. The link of the shared folder is emailed by the organizer to the teacher-in-charge. <b>Do not share this link with students or any other schools.</b></p> <p>Hardcopy of the registration form would not be accepted.</p> <p><b>Each school can only register students from their own school. If the organizer finds out that a school has registered participants that are not attending that school, the school might be barred from participating in the competition this year or in the future.</b></p>   |
| <p><b>14. Awards</b></p>              | <p>At the national level, the awards given are <b>high distinction, distinction, and credit</b>. Contestants who do not receive any of the above awards but achieve a satisfactory score are given a “proficiency” certificate as an encouragement.</p> <p>In each region, there are also <b>individual and group prizes</b>.</p> <p>The regional individual prizes are given to the top 10 scorers of each region.</p> <p>Regional group prizes are based on the sum of the ten best scores of a school in a category. Each region has a champion, a first runner-up and a second runner-up for each category. In regions where the responses are overwhelming, there is also a third runner-up award.</p> <p><b>Only electronic certificates are given.</b></p>   |

The organizer retains the right to modify any rules or information in this brochure. For any enquiries, please email to [mathcompetition@xmu.edu.my](mailto:mathcompetition@xmu.edu.my). However, we do not entertain enquiries from individual participants or their parents.

Official website of the competition is <http://mathcompetition.wixsite.com/chenjingrun>.