


Penchick Online Mathematical Olympiad (POMO)  
**Junior POMO Contest Primer, A.Y. 2025-2026**

**Version 1.2.0 (7 May 2026)**

By the JPOMO Committee, A.Y. 2025-2026

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## About POMO and JPOMO

The **Junior Penchick Online Mathematical Olympiad (JPOMO)** is a contest for elementary to high school students ages 18 and below who are starting their journey in competition mathematics.

The JPOMO is part of a larger student-led organization called the Penchick Online Mathematics Olympiad (POMO), which also offers contests that simulate the Philippine Mathematical Olympiad among various other competitions. To learn more about POMO, go to <https://penchickomo.replit.app/>.

This year's JPOMO contests will be held on the following dates:

<b>Qualifying Stage</b>	09 May 2026
<b>Final Stage</b>	27 June 2026



## General Rules

1. **Do not discuss a currently ongoing contest.** Doing so, in the form of leaking the questionnaire, sharing answers, or asking for help during the contest period, will result in the contestant receiving a yellow card (See the Violation System for more information).
  - 1.1. For the JPOMO Qualifying Stage, discussion will be allowed starting **10 May 2026, 8:00 am UTC+8.**
2. **Always exhibit academic honesty during a contest.** Do not use calculators, protractors, graph paper, search engines, artificial intelligence (AI software), and other external applications, resources, or help while answering the contest. Rulers, compasses, and blank or lined paper are allowed. **Note that although this is a mock contest for the PMO, cheating in any form is strictly prohibited** and will be addressed according to the stated violation system.



## Violation System

1. Violation of any of the rules stated above will result in a **yellow card**.
2. Two yellow cards will result in a **red card**; this results in disqualification from the contest.
  - 2.1. Note that serious offenses, such as concrete evidence of cheating, will result in an **immediate red card**.
3. Warnings will reset at the beginning of every contest season.

## Contest Mechanics

1. The JPOMO will feature two contests: the **Qualifying Stage** and the **Final Stage**.
2. The JPOMO will feature five categories, which are the following:

<b>Paper A</b>	Ages 10 and below
<b>Paper B</b>	Ages 12 and below
<b>Paper C</b>	Ages 14 and below
<b>Paper D</b>	Ages 16 and below
<b>Paper E</b>	Ages 18 and below

A student may take up to three categories per school year, provided they meet the age requirements. Take note that a participant must meet the age requirement **on 01 May 2026** to be eligible to participate.

3. The JPOMO **Qualifying Stage** is a synchronous online contest that will run on **09 May 2026**, and is a **90-minute contest** with **20 questions**, split into two parts with a highest possible score of 48 points:
  - 3.1. The first 12 questions will be **multiple-choice questions**. Each question has four choices, only one of which is correct. Each question is worth 2 points.
  - 3.2. The other 8 questions will be **short-answer questions**, following the answer convention shown below. Each question is worth 3 points.
    - 3.2.1. For **papers A and B**, answers are either **whole numbers or fractions** (in the form of common fractions, mixed fractions, or decimals). All answers must be exact and in their simplest form; otherwise, they will be marked as incorrect. For example, if the answer is  $\frac{5}{3}$ , then the answers  $\frac{5}{3}$ ,  $1\frac{2}{3}$ , and  $1.\bar{6}$  are accepted (for the last case, the answer is accepted as long as it is indicated that the decimal is repeating, e.g. 1.66666 ...). However, the answer 1.67 is not accepted because it is an estimation of the answer.
    - 3.2.2. For **papers C, D, and E**, answers are **integers** between 0 and 999 inclusive.

Other details for the JPOMO Qualifying Stage are as follows.

- 3.3. All procedures for the Qualifying Stage (e.g. device setup) are outlined in the **Contest Procedures** section of this document. Please follow all procedures carefully.

- 3.4. The following are the awards one can garner from participating in the JPOMO Qualifying Stage. All contestants who achieved an award qualify for the Final Stage.
- 3.4.1. **Certificate of Distinction:** Top 20% of participants on each paper
- 3.4.2. **Certificate of Merit:** Next 40% of participants on each paper after Distinction awardees (20% - 60%)
4. The JPOMO **Final Stage** is a synchronous contest that will be held on **27 June 2026**.
- 4.1. Contestants who garnered Distinction or Merit awards in the qualifying stage are eligible to take the final stage.
- 4.2. Students who received an award from more than one paper will automatically be assigned to the **highest paper** with an award.
- 4.3. The final stage will be divided into the following categories:

<b>Primary</b>	Qualifiers from Papers A and B
<b>Junior</b>	Qualifiers from Papers C and D
<b>Senior</b>	Qualifiers from Paper E

The test is a **120-minute contest** with **17** questions, split into two parts with a maximum of 65 points:

- 4.4. The first 15 questions will be short-answer questions, following the answer formats stated above. Each question is worth 3 points.
- 4.5. The last 2 questions will require students to show full solutions in order to get full credit. A student can gain a maximum of 10 points for each question depending on the accuracy and completeness of their submission.

Other details for the JPOMO Final Stage are as follows.

- 4.6. All procedures for the Final Stage will be outlined in this document soon; please watch out for updates from the JPOMO Committee.
- 4.7. The following are the awards one can garner from participating in the JPOMO Final Stage.
- 4.7.1. **Junior Penchick Champion:** Top 1 Highest Scorer in each category in JPOMO Final Stage
- 4.7.2. **Gold / Silver / Bronze Award:** Awarded to the top 50% of participants in each category, allocated in a 1 : 2 : 3 ratio.

- 4.7.3. **Merit Award:** The Merit Award will be given if both conditions are satisfied:
  - 4.7.3.1. A participant has not received a Gold, Silver, or Bronze award; and
  - 4.7.3.2. The participant's score is at least 21 or (Bronze Cutoff – 5), whichever is lower.
- 5. The JPOMO committee reserves the right to update this primer and the mechanics of the competition without prior notice.

## Contest Procedures

1. The JPOMO qualifying stage will take place on **09 May 2026**. The contest will have three timeslots (with all times in the UTC+8 timezone):

<b>Timeslot 1</b>	07:30 am – 10:00 am
<b>Timeslot 2</b>	04:00 pm – 06:30 pm
<b>Timeslot 3</b>	09:00 pm – 11:30 pm

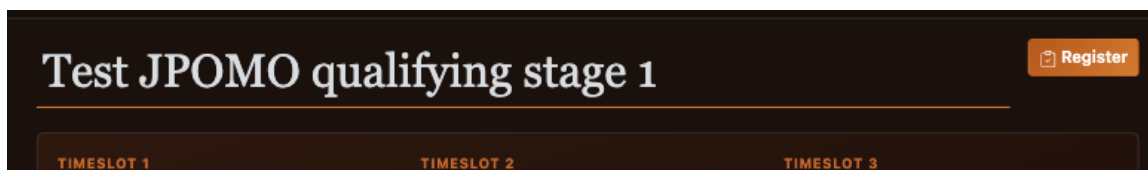
2. All participants are to **join a Zoom meeting during the contest** for additional test security. The Zoom meeting link will be emailed to contestants soon.
  - 2.1. The device each participant uses to join the meeting must have a **working camera** that is able to show the workspace of the student. **Usage of two devices** (one to view the questions and submit answers and the other for the camera) **is allowed although not required for this purpose**.
  - 2.2. The Zoom name format is **<Paper> - <Name>**, for example *D - Kaiser Travis Chan*. Usage of this naming format is **required** in order to be accepted into the Zoom meeting.
3. Participants are **allowed to ask clarifications** regarding the problems as long as those clarifications are not equivalent to asking for a hint or answer. All queries must be directed to the proctor present in their breakout room via Zoom private message.
4. **Submission of answers** will be done via the **POMO website**, which can be found at <https://penchickomo.replit.app>, which also tracks the 90-minute timer for each student.
  - 4.1. Papers **A and B** for the Qualifying Stage and the **Primary** division for the Final Stage will allow the usage of a physical answer sheet for students' submissions. Registrants may choose if they will use one in the registration form.
    - 4.1.1. Registrants who will use a physical answer sheet must print a copy from the following link:  
  
<https://penchickomo.replit.app/assets/documents/JPOM00SAnswerSheet.pdf>
  - 4.2. Additionally, all participants of JPOMO must submit a scanned copy of their **scratch paper** after they end their test. Submission of answer sheets and scratch papers must be done at this link (which is also displayed at the POMO website once the participant finishes the contest):  
  
<https://forms.gle/YU5GnCyJaQtRwyiA8>

- 4.3. Details on the usage of the POMO website for submission are described below.
5. Before a student may leave the meeting, they must **raise their hand** (using the “raise hand” function in Zoom) so that the proctors can verify their submission. They can only leave once a proctor allows them to after verifying that they have submitted the test and necessary documents (scratch paper and answer sheet if applicable).

## Usage of the POMO Website

Follow the steps below to have a seamless experience in your JPOMO contest.

1. Firstly, **create an account** on the POMO website at <https://penchickomo.replit.app/register> by filling out all the necessary fields. Once you have done so, log in to your account.
  - 1.1. If you **pre-registered** for the JPOMO Qualifying Stage, the **email address** you use to create your account must be the **same** as the email address you used to pre-register (which is the email address we used to send you the next steps for registration). You can change your email in the *Edit Profile* page in the portal.
2. To **register** for a contest, go to <https://penchickomo.replit.app/contests>, select the contest you want to register for, then click *Register*. Afterwards, fill up the details being requested in the registration form.



- 2.1. Note that if you **pre-registered** for the JPOMO Qualifying Stage, you should have received an email regarding the next steps for registration. The website will ask for your **contestant code**; this is provided in the email.
- 2.2. Once registered, the website will show the following confirmation message, which also indicates the papers you signed up for:

## Test JPOMO qualifying stage 1

You have registered for this contest. Please be sure to read [the JPOMO primer](#) before the contest starts.

You are assigned to the following papers per timeslot:

TIMESLOT 1	TIMESLOT 2	TIMESLOT 3
Paper D	None	Paper E

3. When the contest period starts (exactly 30 minutes after the start of your timeslot), you will see a *Take the contest* button. **When you are ready for the contest**, click that button.

### Test contest (DO NOT REGISTER HERE) Take this contest

You have registered for this contest. Please be sure to read [the JPOMO primer](#) before the contest starts.

You are assigned to the following papers per timeslot:

TIMESLOT 1	TIMESLOT 2	TIMESLOT 3
Paper D	None	None

TIMESLOT 1	TIMESLOT 2	TIMESLOT 3
May 7, 2026 at 10:27 PM Philippine Standard Time	May 8, 2026 at 1:27 AM Philippine Standard Time	May 8, 2026 at 4:27 AM Philippine Standard Time

**DO NOT REGISTER HERE; this contest is only made for website testing purposes.**

4. You will be redirected to the pre-contest page, which contains instructions for filling out the contest form and the honor pledge. Tick the box for the honor pledge and click *Submit* when you have read the contents of the page in full.

### Test contest (DO NOT REGISTER HERE) (Paper D)

Hello [mathemolympiad2](#), you are about to take **Test contest (DO NOT REGISTER HERE)**. Please read the instructions below IN FULL and sign the honor pledge below before taking the contest.

**Instructions for filling the form**

- Maximize your screen to see both the PDF and the form properly.
- To ensure your answers are saved, click the Submit button BEFORE the timer ends. It also does NOT auto-save answers, so please write your answers on a sheet of paper for backup purposes.
- For short-answer questions, only input the NUMBER. Do NOT include leading zeros. Note that for Papers C, D, and E, all answers are integers from 0 to 999, inclusive.

#### Honor Pledge

I affirm that I will abide by the rules and regulations of the Penchick Online Math Olympiad (POMO), where my participation implies that:

- I will work independently during my designated contest window and will not use any calculators, protractors, notes, search engines, AI tools, and other external aids.
- I will not discuss any of the problems, answers, or solutions related to POMO to anyone until the official contest period has concluded, which is after May 8, 2026 at 6:27 AM Philippine Standard Time.
- I understand that any violation of the rules above will merit an immediate disqualification from this round of POMO, and
- I am aware that the purpose of the POMO exam is to honestly evaluate my mathematical performance under authentic testing conditions. Any form of cheating not only defeats this purpose, but disrespects the organizers, problem-setters, and participants.

I have fully read, understood, and agree to follow the honor pledge above.

**Submit**

The instructions for filling the form are as follows:

- Maximize your screen to see both the PDF and the form properly.
  - To ensure your answers are saved, click the Submit button BEFORE the timer ends. The form does NOT auto-save answers, so please write your answers on a sheet of paper for backup purposes.
  - For short-answer questions, only input the NUMBER; all answers are positive integers from 1 to 999, inclusive. Do NOT include leading zeros. Note that for Papers C, D, and E, all answers are integers from 0 to 999, inclusive.
5. The contest timer will start, and the questionnaire and answer form will then be displayed on your screen. Fill out your answers in the form as you solve the problems.

**Test contest (DO NOT REGISTER HERE)**  
Time left: 19:28m 0s

**Instructions for filling the form**

- Maximize your screen to see both the PDF and the form properly.
- To ensure your answers are saved, click the Submit button BEFORE the timer ends. It also does NOT auto-save answers, so please write your answers on a sheet of paper for backup purposes.
- For short-answer questions, only input the NUMBER. Do NOT include leading zeros. Note that for Papers C, D, and E, all answers are integers from 0 to 999, inclusive.

[Questionnaire will appear here]

1.1  a  b  c  d  
 1.2  a  b  c  d  
 1.3  a  b  c  d  
 1.4  a  b  c  d  
 1.5  a  b  c  d  
 1.6  a  b  c  d  
 1.7  a  b  c  d  
 1.8  a  b  c  d  
 1.9  a  b  c  d  
 1.10  a  b  c  d  
 1.11  a  b  c  d  
 1.12  a  b  c  d

8.1   
 8.2

[Questionnaire will appear here]

1.4  a  b  c  d  
 1.5  a  b  c  d  
 1.6  a  b  c  d  
 1.7  a  b  c  d  
 1.8  a  b  c  d  
 1.9  a  b  c  d  
 1.10  a  b  c  d  
 1.11  a  b  c  d  
 1.12  a  b  c  d

8.1   
 8.2   
 8.3   
 8.4   
 8.5   
 8.6   
 8.7   
 8.8

**Submit**

6. Once you are done with the contest, click *Submit*. This will cause you to be redirected to the contest's front page. **Start uploading your scratch papers (and answer sheets, if**

applicable) to the indicated form (<https://forms.gle/YU5GnCyJaQtRwyiA8>) as soon as you finish your test. This is required in order for you to receive results.

The screenshot shows a dark-themed web interface for a contest. At the top, the title "Test contest (DO NOT REGISTER HERE)" is displayed in white, with a "Take this contest" button to its right. Below the title, a message states: "You have finished this timeslot. Congratulations! If you haven't yet, please upload your scratch papers [here](#). Sending of scratch papers is *required* in order to receive results." Underneath, there are three columns representing different timeslots: "TIMESLOT 1" (May 7, 2026 at 10:27 PM Philippine Standard Time), "TIMESLOT 2" (May 8, 2026 at 1:27 AM Philippine Standard Time), and "TIMESLOT 3" (May 8, 2026 at 4:27 AM Philippine Standard Time). At the bottom, a warning reads: "DO NOT REGISTER HERE; this contest is only made for website testing purposes."

## Honor Pledge

I affirm that I will abide by the rules and regulations of the Junior Penchick Online Math Olympiad (JPOMO), where my participation implies that:

1. I will work independently during my designated contest window and will not use any calculators, protractors, notes, search engines, AI tools, or other external aids;
2. I will not discuss any of the problems, answers, or solutions related to JPOMO to anyone until the official contest period has concluded;
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4. I am aware that the purpose of the JPOMO exam is to honestly evaluate my mathematical performance under authentic testing conditions. Any form of cheating not only defeats this purpose but also disrespects the organizers, problem-setters, and participants.

I have fully read, understood, and agree to follow the honor pledge above.

*If you have any clarifications, please ask in the #pomo-clarifications channel of the POMO Discord server (<https://discord.gg/ntWe29E4Eb>) or send an email to [penchickomo@gmail.com](mailto:penchickomo@gmail.com).*



*"Good fun and have luck, everyone!"*