

NUMBERS SPEAK THE LANGUAGE OF THE WHOLE WORLD

INTERNATIONAL COMPETITION IN MENTAL ARITHMETIC PROVISIONS

 YEREVAN, ARMENIA

 ACHARYAN 37

 13.06.25



1. MAIN PROVISIONS

1.1 Children studying mental arithmetic in centers, schools, or independently can take part in the Competition.

1.2 Age of participants – **starting from 2008 - 2022**

1.3 Venue of the Competition: **Republic of Armenia, Yerevan, “Harsnakar” complex.**

1.4 Date of the Competition: **13 June 2025.**

1.5 The Organizing Committee of the Competition accepts applications in electronic form (a link to registration will be provided). Responsibility for the correctness and reliability of information during registration lies with the

1.6 The applications can be filed by the head of the center, the coach or the parent of the participant.

1.7 The applications are accepted starting **from March 1 to June 7, 2025 inclusive.**

1.8 Cost of participation in the Competition:

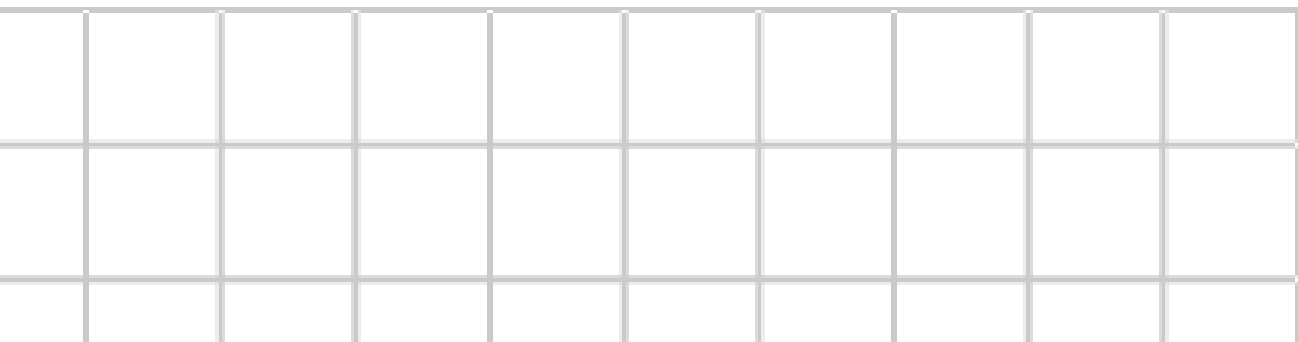
- to 15 April - \$150
- from 16 April to 7 June– \$200

Participants with disabilities take part in the Competition FREE OF CHARGE

1.9 The cost of entry and participation of one accompanying parent to the Competition is \$80.

1.10 The student participation fee includes: gifts, cups, participation diplomas, entertainment show program, dinner and refreshments. The fee of participation in the event for the parent accompanying the participant includes: a pre-booked seat at a table in the Competition hall, an entertainment show program, dinner and refreshments.

1.11 The participation fee is not refundable if the Participant fails to appear at the



1.12 The participant is considered registered for the Competition **after making 100% payment.**

1.13 The number of participants in the Competition is set up to 700 students. The Organizing Committee reserves the right to close acceptance of applications earlier than the specified dates, in case if the required number of participants is attained before the registration deadline.

1.14 Accompanying persons / parents are responsible for the life and health of participants.

2. REGULATIONS OF THE COMPETITION

2.1 The Competition is held offline.

2.2 Participants are divided into categories according to their year of birth and level of count.

2.3 The table in **Annex 1** represents the levels of participation according to age groups and knowledge.

2.4 The Competition is held in one round with a time limit for completing tasks.

The participants will have 10 minutes to complete the tasks. The participants are free to choose the method of count themselves - counting on an abacus OR

mentally from a sheet

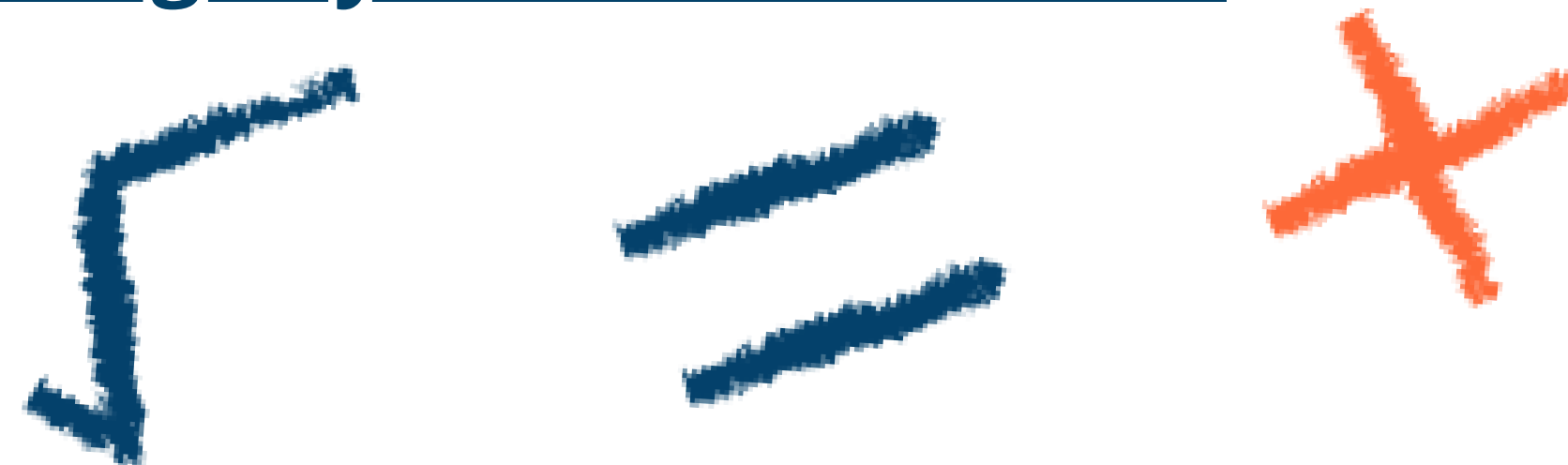
2.5 Instructions for participants - **Annex 2.**

2.6 If less than 10 applications are submitted to one category, then by decision of the Organizing Committee there may be a change in category. In this case, the Competition participant will be notified of such change in advance.

2.7 Based on the results of registration, the Organizing Committee may divide participants to a smaller number of groups declared initially.

2.8 Each participant will be assigned a unique number. All tasks are impersonal.

Participants are strictly prohibited from making any notes on the work.



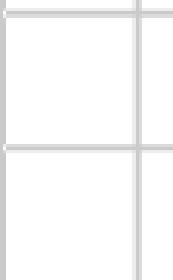
3. SUMMARY OF RESULTS

3.4 Based on the results in each group, winners and prize-winners are determined in accordance with **Annex 3**. In case of equal results, the participant who received more points for solving examples with a high coefficient gets a higher place in rating.

3.5 The works are checked by a counting commission, which includes volunteers of the Competition. Trainers and center managers can be independent observers.

3.6 Trainers can familiarize themselves with the work of their participants after verification. At the request of the trainer, the work is shown by a member of the

[illegible]



3.7 The winners are determined according to the rating table generated based on the results of the checks. The winners and participants of the Competition receive Diplomas, cups, awards and gifts.

3.8 The competition for the title of Super Champion is held between participants in Category A, B, C and Proff..

3.9 The Organizing Committee reserves the right to establish additional nominations and forms of incentives for participants during the Competition.



ANNEX 1

AGE GROUPS

- 2021 - 2022
- 2019 - 2020
- 2017 - 2018
- 2015 - 2016
- 2011- 2013
- 2012 - 2014
- 2008 - 2010



LEVEL OF COUNT

- **Category KIDS, KIDS A** – Kids (flash cards, direct count on the lower bids, direct count on all bids)
- **Category 1** – Direct count (direct addition and subtraction)
- **Category 2** – Formula of 5
- **Category 3** – Formula of 10
- **Category 4** – Mix formulas



- **Category A, B** – Multiplication / Division, all formulas, negative numbers
- **Category C** - Multiplication / Division, roots, fractions
- **Category H** - Multiplication / Division, percents, fractions
- **Category Professional** - Multiplication / Division, percents, fractions



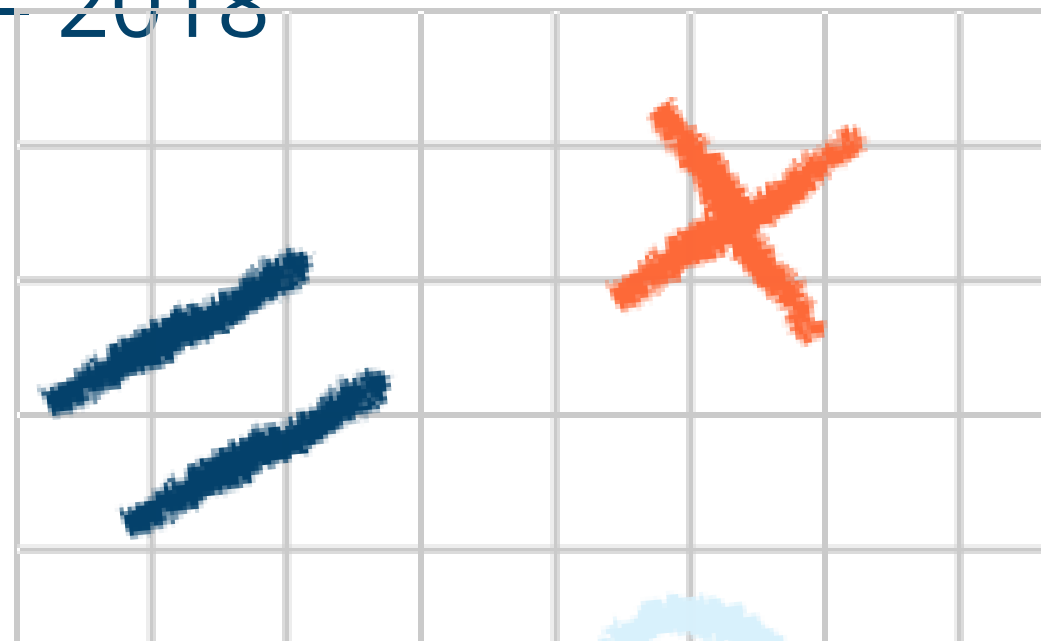
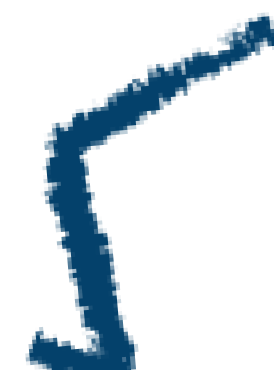
Complexity coefficient of examples

- 1 – for each correctly solved example the participant receives 1 point
- 2 - for each correctly solved example the participant receives 2 points
- 3 - for each correctly solved example the participant receives 3 points
- 4 – for each correctly solved example the participant receives 4 points



Coding of categories and age groups

- **KIDS** - Flash cards, Direct count (direct addition and subtraction) 2021-2022
- **KIDS A** - Direct count (direct addition and subtraction) 2019-2020
- **KIDS 1** – Direct count (direct addition and subtraction), 2017 – 2018
- **KIDS 2**– Formula of 5 (addition and subtraction), 2017 – 2018
- **KIDS 3** – Formula of 10 (addition and subtraction), 2017 – 2018
- **KIDS 4**– Mix formulas (addition and subtraction), 2017 – 2018



Coding of categories and age groups

- **JUNIOR 1** – Direct count (direct addition and subtraction), 2015 – 2016
- **JUNIOR 2** – Formula of 5 (addition and subtraction), 2015 – 2016
- **JUNIOR 3** – Formula of 10 (addition and subtraction), 2015– 2016
- **JUNIOR 4** – Mix formulas (addition and subtraction), 2015 – 2016



Coding of categories and age groups

- **Subteens 1** – Direct count (direct addition and subtraction), 2012 - 2014
- **Subteens 2** – Formula of 5 (addition and subtraction), 2012- 2014
- **Subteens 3** – Formula of 10 (addition and subtraction), 2012 - 2014
- **Subteens 4** – Mix formulas (addition and subtraction), 2012 - 2014



Coding of categories and age groups

- **Teenager 1** – Direct count (direct addition and subtraction), 2008 - 2010
- **Teenager 2** – Formula of 5 (addition and subtraction), 2008 - 2010
- **Teenager 3** – Formula of 10 (addition and subtraction), 2008 - 2010
- **Teenager 4** – Mix formulas (addition and subtraction), 2008 - 2010



Coding of categories and age groups

- **A** – Multiplication / Division, all formulas, negative numbers, 2015- 2016
- **B** – Multiplication / Division, all formulas, negative numbers, 2012 - 2014
- **C**– Multiplication / Division ,roots, fractions,2008 - 2016
- **Professionals**– Multiplication / Division, percents, fractions, 2008 - 2016



Annex 2

Instructions for participants

- Examples and tasks in the work are arranged according to difficulty levels. The participant has the right to decide for himself which example to start counting with.
- In accordance with the level of complexity of the example, the example is assigned a coefficient from 1 to 4. Each example has its own complexity coefficient (see Syllabus).
- The goal is to score the most points based on the sum of all correctly solved examples.
- The participant can count both on abacus and mentally.



ANNEX 2



Instructions for participants

- The time given for the Competition is 10 minutes. Starting work BEFORE the beginning, performing work AFTER the time has expired is considered a violation of the rules of participation in the Competition.
- All correctly solved examples within the allotted time are counted.
- During the Competition, all participants are PROHIBITED from communicating and exchanging any materials and objects, cheating themselves and allowing others to cheat, or standing up without permission.
- All tasks will be anonymous. Each participant will be assigned a unique participant code.



ANNEX 2



Instructions for participants

- Based on the results of checking the work, a rating table of participants is formed based on the amount of points received at each stage.
- The competition for the title of Super Champion is held between participants in Category C and Proff.. The Super Champion is the one participant who scores the most points among participants in both categories.
- All participants receive Diplomas, cups, awards and gifts based on the results of participation.





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