



2019 Global Cup Abacus Mental Arithmetic Championship

3203 South Brea Canyon Road, Suite A. Diamond Bar, CA 91765

Phone: 909.979.3682

Website: www.unitedaaa-global.org Email: globalcup@unitedaaa-global.org

Note: UAAA is a federally registered 501(c)(3) non-profit organization

I. EVENT INTRODUCTION

The United Abacus Arithmetic Association (UAAA) and other related global organizations strive to promote cultural exchange and growth of abacus nationwide through the hosting of the Global Cup. The STEAM (Science, Technology, Engineering, Art, and Math) events allows for these organizations to popularize the importance and wonders of STEAM education.

II. PARTICIPATING ORGANIZATIONS

Host : United Abacus Arithmetic Association (UAAA)

Co-Hosts : United Abacus Arithmetic Youth Association (UAAYA), Abacusking International Alliance, Canada Abacus Arithmetic Association, Taipei Abacus & Mental Arithmetic Association, Chinese Association for Mental Arithmetic Studies, East West Marketing Corporation, and Chinese Academy of the Abacus

III. EVENT SETTING

Date : January 20th, 2019 (Sunday)

Location : Pacific Palm Resorts

1 Industry Hills Pkwy, City of Industry, CA 91744

IV. COMPETITION QUALIFICATIONS

1. Abacus students from USA, Canada, Taiwan, Malaysia, Mongolia, Australia, Hong Kong, China, Japan, Korea, and other abacus organizations around the world are all welcomed to participate in this competition.
2. Participants will be categorized into 1 of 7 groups (K, A, B, C, D, E, F, G), each with their own qualifications.
3. To keep the competition fair and challenging, participants from any group who received the Champion award last year must advance into the next group regardless of age. (Ex: The Champion from Group A last year will advance to Group B this year even if his or her age falls in the qualifications of Group A)
4. All students who have excelled in Group E or are looking for a challenge to strive for further success are encouraged to register for Group G (Gifted Group), as this group will have no age limitations.
5. If a change needs to be made regarding the student's group, please contact UAAA as soon as possible as this change must be done so before November 16th, 2018.
6. Students are responsible for registering for the correct group, and any participant found competing in the wrong group will have his or her chance to compete and earn an award revoked.

V. REGISTRATION INFORMATION

1. The final date to register will be on November 16th, 2018.
2. Students may register with any teacher, but make sure that all registration forms and relating documents be mailed (electronically or in-person) before the registration due date.
 - ① E-mail : unitedaaaglobal@gmail.com
 - ② Mailing Address : 3203 South Brea Canyon Road, Suite A. Diamond Bar, CA 91765
3. **Contact Personnel :** UAAA Support Team
Contact Number: +1 (909) 979-3682



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4. Each participant must pay a fee of \$140 USD.
5. Flash Mental PK participants must pay an additional \$10 USD
6. See below in **Section X** for information about international and domestic wire transfers.

VI. GROUPS, LEVELS, AND PROBLEMS

(I.) Abacus and Mental

Group	Group K	Group A	Group B	Group C	Group D	Group E	Gifted Group	
Level	12/11	10/9	8/7	7/6	6/5	4/3	2	
Age	After 01/01/2013	01/01/2011 12/31/2012	01/01/2009 12/31/2010	01/01/2007 12/31/2008	01/01/2005 12/31/2006	01/01/2003 12/31/2004	All ages that qualify	
A B A C U S	×30 Q's or (+/-)15 Q's 3min 150 points	1-digit 5 numbers 10 Q's 1-2 digits 3 numbers 5 Q's (All addition)	1-digit 8 numbers 10 Q's 2-digits 4 numbers 5 Q's	2-digits × 1-digit 15 Q's 3-digits × 1-digit 15 Q's	3-digits × 1-digit 15 Q's 2-digits × 2-digit 15 Q's	2-digits × 2-digits 15 Q's 3-digits × 2-digits 15 Q's	3-digit × 3-digit 4-digit × 2-digit 2-digit × 4-digit 15 Q's 3-digit × 4-digit 4-digit × 3-digit 15 Q's	7-digits product multiplication (whole numbers, monetary, non- monetary, and mixed decimals)
	÷30 Q's or (+/-)15Q's 3min 150 points	1-digit 7 numbers 10 Q's 1-2 digits 4 numbers 5 Q's (All addition)	1-2 digits 8 numbers 10 Q's 2-digits 6 numbers 5 Q's	2-digits ÷ 1-digit 15 Q's 3-digits ÷ 1-digit 15 Q's	3-digit ÷ 1-digit 15 Q's 4-digit ÷ 1-digit 15 Q's	4-digits ÷ 1-digit 15 Q's 4-digits ÷ 2-digit 3-digits ÷ 2-digits 15 Q's	5-digits ÷ 2-digits 5-digits ÷ 3-digits 15 Q's 6-digits ÷ 3-digits 6-digits ÷ 2-digits 15 Q's	6-digits quotient division (whole numbers, monetary, non- monetary, and mixed decimals)
	(+/-)20 Q's 3min 200 points	1-2 digits 3 numbers 10 Q's 1-2 digits 4 numbers 10 Q's (All addition)	2-digits 4 numbers 10 Q's 2-digits 6 numbers 10 Q's (Whole numbers)	2-digits 8 numbers 10 Q's 2-digits 10 numbers 10 Q's (Whole numbers)	2-digits 10 numbers 10 Q's 2-3 digits 10 numbers 10 Q's (Whole numbers)	2-3 digits 10 numbers 10 Q's 3-digits 10 numbers 10 Q's (Whole numbers)	3-4 digits 10 numbers 10 Q's 4-5 digits 10 numbers 10 Q's (Monetary)	4-6 digits 10 numbers 20 Q's (Monetary)
M E N T A L	×30 Q's or (+/-)15 Q's 1min 150 points	1-digit 3 numbers 15 Q's (No Combination Rule +/-)	1-digit 4 numbers 15 Q's	1-digit × 1-digit 30 Q's	1-digit × 1-digit 15 Q's 2-digits × 1-digit 15 Q's	2-digits × 1-digit 15 Q's 3-digits × 1-digit 15 Q's	3-digits × 1-digit 30 Q's	2-digits × 2-digits 30 Q's
	÷30 Q's or (+/-)15 Q's 1min 150 points	1-digit 4 numbers 15 Q's (+/-)	1-digit 5 numbers 15 Q's	2-digits ÷ 1-digit or 1-digit ÷ 1-digit 30 Q's	2-digits ÷ 1-digit 15 Q's 3-digits ÷ 1-digit 15 Q's	3-digits ÷ 1-digit 15 Q's 4-digits ÷ 1-digit 15 Q's	4-digits ÷ 1-digit 30 Q's	3-digits ÷ 2-digit 4-digits ÷ 2-digit 30 Q's
	(+/-)20 Q's 1min 200 points	1-digit 3 numbers 10 Q's 1-digit 4 numbers 10 Q's	1-digit 4 numbers 10 Q's 1-digit 5 numbers 10 Q's	1-digit 6 numbers 10 Q's 1-2 digits 4 numbers 10 Q's	1-2 digits 4 numbers 10 Q's 2-digits 4 numbers 10 Q's	2-digits 4 numbers 10 Q's 2-digits 5 numbers 10 Q's	2-digits 6 numbers 10 Q's 2-digits 7 numbers 10 Q's	2-digits 10 numbers 20 Q's
T B	ABACUS 1min 200 points	Level 11 20 Q's (+/-)	Level 9 20 Q's (+/-)	Level 7 (+/-): 10 Q's (x): 10 Q's (÷): 10 Q's	Level 6 (+/-): 10 Q's (x): 10 Q's (÷): 10 Q's	Level 5 (+/-): 10 Q's (x): 10 Q's (÷): 10 Q's	Level 3 (+/-): 10 Q's (x): 10 Q's (÷): 10 Q's	Level 2 (+/-): 10 Q's (x): 10 Q's (÷): 10 Q's

TB = Tie Breaker



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〈 II 〉 Flash Mental

Except for participants in Group K, all students are encouraged to participate in Flash Mental.

VII. COMPETITION RULES

〈 I 〉 When writing answers for the abacus and mental portion of the competition, all participants must follow the guidelines below to receive credit:

1. Answers must be written in modern numbers (ex: 0, 1, 2, 3...), all unclear or ambiguous answers will not receive credit.
2. There can only be one answer for each question, any additional answers will not receive credit regardless of whether it is correct.
3. Write a comma 「 , 」 when the answer exceeds the hundreds, and commas are placed every 3 digits to the left of the decimal point. (Ex: 5,384,200).
4. For monetary questions that result in a whole number, put two 0s after the decimal point, or draw a line after the decimal point. (Ex: \$4,832.00 or \$4,832.—)
5. Answer changes are only effective if the previous answer is crossed out with two horizontal lines. (Ex: ~~\$34.78~~ 、 \$34.79)
6. Answers must be written in the space provided for each question.
7. For monetary questions, round the answer to the nearest hundredth: 2 places after the decimal point. (Ex: \$2.10 、 \$5,678.91).
For non-monetary questions, round the answer to the nearest thousandth: 3 places after the decimal point. (Ex: 2.1 、 2,745.12 、 2,745.123).
8. Using an abacus for the abacus portion of the competition is optional, however, no calculators will be allowed during any section.
9. Only 2B pencils will be allowed for answering questions during the competition.

〈 II 〉 Flash Mental rules are as follows:

1. Answers may not be crossed out, erased, or changed under any circumstances, and any violators will be disqualified.
2. Getting 3 out of 5 questions right for the first round will advance you into the second round, where contestants are continuously eliminated until there are 10 contestants remaining.
3. The final 10 contestants will go through the same elimination process until there is 1 winner.
4. A gold, silver, or bronze medal will be awarded to the top 3 finalists in addition to a certificate of recognition.

VIII. AWARD DISTRIBUTION

Place	Champion	1 st Place	2 nd Place	3 rd Place	4 th Place
# of students	1	10%(-1)	20%	40%	30%



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1. Placement Order: Participants will be ranked from highest to lowest score within their group. If two students have the same total score, the one with a higher score in tie-breaker will be ranked higher. If the tie-breaker score is the same, the score of the other sections will be reviewed in the following order: Mental addition and subtraction, multiplication, division, abacus addition and subtraction, multiplication, and division. If all these scores are still the same, the younger participant will rank higher.
2. The award for "Outstanding Teacher" will be awarded to the teacher of each group's Champion.
3. No awards will be given to participants with a total score lower than 200.

IX. ADDITIONAL NOTES

1. After the competition starts, participants who arrive late will not be allowed to enter.
2. During the competition, please silent all cell phones and turn off flash photography.
3. The UAAA will select abacus teachers who will determine the scoring method.
4. Once the scores are finalized, there are no objections allowed.
5. Results of the competition will be announced at the Award Ceremony, and every student must attend the ceremony.
6. A certificate of recognition will be given to the participants by their own organization after the award ceremony has ended.

X. WIRE TRANSFERS

Bank: Chase

Account Number: 941232670

Domestic Wires: 021000021

International Wires: CHASUS33

Account Name: UNITED ABACUS ARITHMETIC ASSOCIATION

Branch Address: 3203 S. Brea Canyon Road, Suite A. Diamond Bar, CA 91765



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Event Schedule

Time	Events
8:00 - 8:50	Arrivals and Check in
8:50 - 9:10	Students Warm up
9:10 - 9:30	Announce Exam Rules (with English and Chinese)
9:30 - 10:30	2019 Global Cup Competition
10:30 - 11:00	Flash Mental Competition – First Round
11:00 – 1:00	Lunch
1:00 - 1:30	Awards Ceremony Check in and Seating
1:30 – 2:00	STEAM Pathway - Aerospace Industry
2:00 - 2:15	Top 10 Flash Mental Finalists – Final Round
2:30 – 4:00	Award Ceremony

ALL OF THE INFORMATION ABOVE MAY BE SUBJECT TO CHANGE

Abacus and Arithmetic Education,
a Path Towards STEAM, Boeing,
and Aerospace Industry

GLOBAL CUP ABACUS AND MENTAL MATHEMATICS CHAMPIONSHIP 全球盃珠心算冠軍邀請賽

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Competition Registration Form

Competition Date 比賽日期	January 20, 2019	Registration Fee 比賽費用	<input type="checkbox"/> USD \$140		Total\$: _____	
Flash Mental 快閃心算	Must have passed Mental Math Level 4 to participate		<input type="checkbox"/> USD \$10 (Additional \$10)			
Registration Due Date 報名截止日期	November 16, 2018	Payable to		United Abacus Arithmetic Association		
Country 參賽國家	Passport number 護照號碼					
First Name 名字			<input type="checkbox"/> M男 <input type="checkbox"/> F女			
Last Name 姓						
Birthday 出生日期	MM	DD	YYYY	Phone 電話		
Email Address 電子郵件						
Address 聯絡地址						
Location 比賽地點	Pacific Palms Resort 太平洋棕櫚度假飯店 1 Industry Hills Pkwy, City of Industry, CA 91744					
Participant Group 參賽組別						
<input type="checkbox"/> Group K	<input type="checkbox"/> Group A	<input type="checkbox"/> Group B	<input type="checkbox"/> Group C			
01/01/2013 After	1/1/2011~12/31/2012	1/1/2009~12/31/2010	1/1/2007~12/31/2008			
<input type="checkbox"/> Group D	<input type="checkbox"/> Group E	<input type="checkbox"/> Gifted Group				
1/1/2005~12/31/2006	Before 12/31/2004	All ages that qualify				
T-SHIRT SIZE (衣服尺寸) (Measured by Chest Size)	Youth 兒童	<input type="checkbox"/> XS (25-26)	<input type="checkbox"/> S (26-28)	<input type="checkbox"/> M (28-30)		
		<input type="checkbox"/> L (30-32)	<input type="checkbox"/> XL (32-35)			
	Adult 成人	<input type="checkbox"/> S (35-37)	<input type="checkbox"/> M (38-40)	<input type="checkbox"/> L (41-43)		
		<input type="checkbox"/> XL (44-46)	<input type="checkbox"/> 2XL (47-49)	<input type="checkbox"/> 3XL (50-53)		
Test ID 參加證號	Teacher's Name 指導老師					



United 美國珠心算聯合會
Abacus Arithmetic Association