

# GAME SOLUTION

**Q1. What is the ratio of Canadian to American innovations in the following list?**

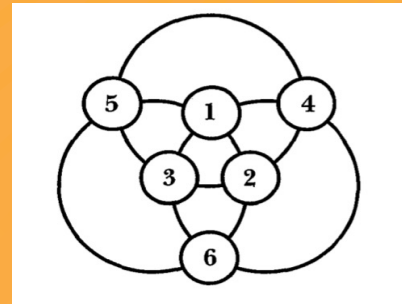
1. The paint roller (Canada)
2. The garbage bag (Canada)
3. Personal Computer (USA)
4. Peanut butter (Canada)
5. IMAX (Canada)
6. The pacemaker (Canada)
7. Microwave ovens (USA)
8. Insulin (Canada)
9. Wireless radio transmission (Canada)
10. Traffic lights (USA)

**Answer 1:** Ratio of Canadian to American innovations is 7/3

**Q2: - Which substance is represented by the letters HIJKLMNO?**

**Answer 2:** Substance is Water: "H to O"! (H<sub>2</sub>O)

**Q3:** Place the numbers one through six within the six smaller circles shown below. Each number must be used only once. The numbers must be placed so that the sum of the four numbers that fall on a circle's circumference is equal to the sum of the numbers on any other circle's circumference.



## EARLY BIRD GAME

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# Innovation Nation

## CANADIAN INVENTIONS & INVENTORS



**2023**  
**CONTEST**  
**THEME**

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# 2023 Canadian Summer Contest Schedule

**July 17, 2023**

Registration opens for 2023\*

**January – May 2023**

Free Online Training Sessions

**15 April – 15 May 2023**

Preliminary Contests

**27 May – 10 June 2023**

Global Finals

**25 June 2023**

CKSTEM Award Ceremony



**ARE  
YOU  
READY ?**

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\* All existing participants are preregistered

# AWARDS – NORTH AMERICA COMPETITIONS



## AWARD SEGMENT

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## PurpleComet Canada #1 Global #3

- 🎯 Mark R (Grade 5)
- 🎯 Ansh A (Grade 8)
- 🎯 Arina K (Grade 8)

## Let's Talk Science Canada #1

- 🎯 Mark R (Grade 5)
- 🎯 Andrew M (Grade 8)
- 🎯 Ansh A (Grade 8)
- 🎯 Arina K (Grade 8)

## "Math is Cool" HS Champs Global #1

- 🏆 Ansh A (Global Rank #1)
- 🏆 Mark R (Global Rank #2)
- 🏆 Arina K (Global Rank #3)
- 🏆 Anish N (Global Rank #4)

## "Math is Cool" HS Masters 🎯 Global #2

- 🏆 Ansh A (Global Rank #1)
- 🏆 Mark R (Global Rank #2)
- 🏆 Arina K (Global Rank #3)
- 🏆 Pritika L (Global Rank #4)
- 🏆 Anish N (Global Rank #5)
- 🏆 Arushi N (Global Rank #7)
- 🏆 Kavangun K (Global Rank #8)
- 🏆 Andrew M (Global Rank #13)



# TEAM CONTEST

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🏆 Medal Winner 🎯 Team Winner 🏆 Honourable Mention

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American Mathematics Competitions

## SCHOOL CERTIFICATE OF HONOR

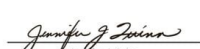
for a team score of 66 or better is awarded to

### Competitive Kids STEM

for outstanding proficiency on the

## American Mathematics Competition 8

2022

  
Jennifer J. Quinn  
Mathematical Association of America President

  
Zsuzsanna Szaniszlo  
AMC 8 Co Editor in Chief

  
Silva Chang  
AMC 8 Co Editor in Chief

- Globally, 66437 students from 1628 schools participated in AMC 8 - 2022. We are among the top 1% of schools globally.
- 95% of CKSTM students scored above the worldwide average.

## AMC 8 Contest Winners

-  Mark R <sup>100</sup>
-  Ansh A <sup>100</sup>
-  Ananthaa M
-  Kavangun K

-  Prisha C  Aakash S
-  Dhruv L  Vissar K
-  Vivan P  Siri C
-  Soham M  Mariia B
-  Vansh S  Ashwin S
-  Ashwin S  Manav S
-  Krishang N
-  Aikaterina M
-  Theophanis M
-  Shreenandita D



# AMC 8

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Perfect Score



Award



Students in Top Quartiles

# AMC 10/12

## USAJMO

 Mark R (grade 5)

## AIME

 Ansh A (grade 8)

 Yash Kothari (grade 11)

## TOP Quartile

 Kavangun K (grade 8)

 Arina K (grade 8)

 Andrew M (grade 8)

 Dravid S (grade 9)

# COMC

## CJMO

 Mark R (grade 5)

## Performance with Distinction

 Ansh A (grade 8)

## Performance with Honours

 Kavangun K (grade 8)

 Arina K (grade 8)



# IMO QUALIFIERS

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 Qualified for the next rounds  Top Students

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## Perfect Scores

100 Aikaterina M  
100 Andrew M  
100 Ansh A

## Grade 5/6

🏆 Aikaterina M  
🏆 Shreenandita D  
🏆 Mariia B  
🏆 Vignesh A  
🏆 Mrida C  
🏆 Devishi M  
🏆 Aura K

## Grade 7/8

🏆 Atri D  
🏆 Mark R  
🏆 Kavangun K  
🏆 Prisha C  
🏆 Vivaan P  
🏆 Arushi N  
🏆 Theophanis M  
🏆 Pranav J  
🏆 Vivan P  
🏆 Dhruv L  
🏆 Vihaan S  
🏆 Siri C

## Grade 9/10

🏆 Anish N  
🏆 Oleksii B  
🏆 Dravid S  
🏆 Yashnoor S



# BEAVER COMPUTING CONTEST

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100 Perfect Score 🏆 Distinction

## NOETIC - Spring 2022

- Mark R 100
- Isaac F 100
- Anton L 100
- Arushi N 100
- Ansh A 100
- Andrew M 100
- Arina K 100
- Christopher C 100
- Kavangun K

## NOETIC - Fall 2021

### NATIONAL HONOR ROLL

- Ansh A 100
- Mark R 100
- Arushi N
- Arina K
- Prisha C
- Vivan P

## CMGC

### NATIONAL HONOR ROLL

- Mark R 100
- Ansh A (Silver)
- Soham M 
- Kavangun K 
- Shreenandita D 
- Aikaterina M 



# CMGC

+

# NOETIC

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COMPETE

WIN

100 Perfect Score  Distinction

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## Gauss Contest

- 🎯 Ansh Agarwal <sup>100</sup>
- 🎯 Arushi Nath
- 🎯 Devishi Motwani
- 🎯 Dhruv Ladani
- 🎯 Diya Pandey
- 🎯 Vivan Patil
- 🏆 Arina Kurbatova
- 🏆 Ashwin Sankar
- 🏆 Christopher Calkowski
- 🏆 Kavangun Kalra
- 🏆 Krishang Naik
- 🏆 Kunchan Tiwari
- 🏆 Mariia Bondarenko
- 🏆 Shreenandita Das
- 🏆 Siri Chirumamilla
- 🏆 Vignesh Akundi
- 🏆 Vihaan Shah
- 🏆 Vissar Kaur

## Fryer – Galois – Hypatia Contest

- 🏆 Akash Chirumamilla
- 🏆 Ansh Agarwal
- 🏆 Mark Raspopov
- 🏆 Yash Kothari
- 🏆 Kavangun Kalra
- 🏆 Aryan Athavale

## Pascal – Cayley – Fermat Contest

- 🏆 Christopher Calkowski <sup>100</sup>
- 🏆 Ansh Agarwal
- 🏆 Aryan Athavale
- 🏆 Mark Raspopov
- 🏆 Yash Kothari
- 🏆 Akash Sathishkumar
- 🏆 Ananthaa Madhavan
- 🏆 Andrew Muratov
- 🏆 Arina Kurbatova
- 🏆 Dhruv Ladani
- 🏆 Dravid Singh
- 🏆 Kavangun Kalra
- 🏆 Oleksii Bondarenko
- 🏆 Pranav Joshi
- 🏆 Vivan Patil



# CEMC

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WIN

<sup>100</sup> Perfect Score 🎯 Outstanding Achievement 🏆 Medal Winner 🏆 Distinction

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