

GAME SOLUTION

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

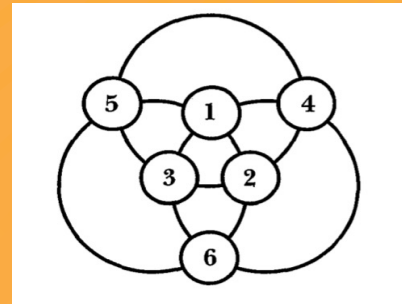
1. The paint roller (Canada)
2. The garbage bag (Canada)
3. Personal Computer (USA)
4. Peanut butter (Canada)
5. IMAX (Canada)
6. The pacemaker (Canada)
7. Microwave ovens (USA)
8. Insulin (Canada)
9. Wireless radio transmission (Canada)
10. Traffic lights (USA)

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"! (H₂O)

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



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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

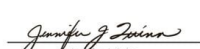
for a team score of 66 or better is awarded to

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 ¹⁰⁰
-  Ansh A ¹⁰⁰
-  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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COMPETE

WIN

 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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COMPETE

WIN

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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

LEARN

COMPETE

WIN

100 Perfect Score  Distinction

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Gauss Contest

- 🎯 Ansh Agarwal ¹⁰⁰
- 🎯 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 ¹⁰⁰
- 🏆 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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¹⁰⁰ Perfect Score 🎯 Outstanding Achievement 🏆 Medal Winner 🏆 Distinction

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