



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et en INFORMATIQUE
www.cemc.uwaterloo.ca

2024
Results

2024
Résultats

Gauss Contests
(Grades 7 & 8)

Concours Gauss
(7^e et 8^e années – Sec. I et II)



*Centre for Education in Mathematics and Computing Faculty and Staff /
Personnel du Centre d'éducation en mathématiques et en informatique*

Amr Abdelaal	Carrie Knoll
Ed Anderson	Judith Koeller
Jeff Anderson	Wesley Korir
Terry Bae	Laura Kreuzer
Shane Bauman	Hayleight MacDonald
Katelyn Bender	Vanja Malinovic
Ersal Cahit	Bev Marshman
Sarah Chan	Paul McGrath
Ashely Congi	Ryan McGrath
Serge D'Alessio	Angela Mercer
Fiona Dunbar	Comfort Mintah
Mike Eden	Jen Nelson
Sandy Emms	Ian Payne
Robert Garbary	J.P. Pretti
Ty Ghaswala	Lata Punetha
Dikshant Ghimire	Alexandra Rideout
Rob Gleeson	Nick Rollick
Sandy Graham	Ashley Sorensen
Emma Hernout	Alissa Trochimchuk
Conrad Hewitt	Ian VanderBurgh
Valentina Hideg	Troy Vasiga
Jenn Kelebuda	Christine Vender
	Bonnie Yi

Problems Committee / Comité des problèmes

Ashley Sorensen (Chair / président), University of Waterloo, Waterloo, ON
 Kora Lee Gallant, Madeline Symonds M.S., Hammonds Plains, NS
 Sarah Garrett, King George V P.S., Guelph, ON
 JoAnne Halpern, Toronto, ON
 Clay Kellough, Fort Richmond C.I., Winnipeg, MB
 David Matthews, Waterloo, ON
 Nick Rollick, University of Waterloo, Waterloo, ON
 Rachel Verbruggen, University of Waterloo, Waterloo, ON
 Robert Wong, Edmonton, AB
 Chris Wu, Ledbury Park E. and M.S., North York, ON
 Lori Yee, Durham D.S.B., Whitby, ON

Overall Comments

The Grade 7 and Grade 8 Gauss Contests are the first two in a series of mathematics contests created and administered by the Centre for Education in Mathematics and Computing. The summary of results found in these pages is compiled from voluntarily submitted reporting forms and from student data from online participation. The average mark on the Grade 7 Gauss Contest was 93.7 in 2024, while the average mark on the Grade 8 Contest was 95.1.

The primary goals of the Gauss Contests are to provide a fun activity which also challenges students, and gives teachers an opportunity to work with their students on a mathematical activity outside the normal classroom. Congratulations to all participants, and especially to those named in this report. We look forward to your names, and others, appearing in future lists of participants.

Commentaires généraux

Les concours Gauss de 7^e et 8^e année (Sec. I et II) sont les deux premiers concours d'une série de concours de mathématiques créées et administrées par le Centre d'éducation en mathématiques et en informatique. Le sommaire des résultats, trouvé dans ces pages, est compilé de formulaires de rapport de résultats volontairement soumis et de données sur les élèves provenant de la participation en ligne. La note moyenne sur le Concours de Gauss de 7^e année était 93,7 en 2024, pendant que la note moyenne du Concours de 8^e année était 95,1.

Le but primaire des concours Gauss est de donner une activité amusante mais, qui défie aussi les étudiants et permet aux enseignants de travailler avec leurs étudiants sur une activité mathématique hors de la salle de classe. Félicitation à tous les participants, et surtout à ceux nommé dans ce rapport. Nous avons hâte de voir vos noms et ceux de d'autres étudiants, apparaître dans les listes futures de participants.

**Number of students registered by province /
Nombre d'étudiants inscrit par province**

	Enrollment/ Inscription
AB	6380
BC	10822
MB	1731
NB	567
NL	252
NS	1808
NT	10
ON	39445
PE	298
QC	4033
SK	284
YK	60
International	10239
Total	<u>75929</u>

Statistics / Statistiques

Total number of students represented / Nombre d'élèves: 29 292

Grade 7 / 7^e année (Sec. I)

Number of schools represented / Nombre d'écoles	1285
Number of students represented / Nombre d'élèves	15 673
Average / Moyenne	93.8

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	338	2.16
121 – 135	1187	7.57
106 – 120	3516	22.43
91 – 105	4289	27.37
76 – 90	3295	21.02
61 – 75	1785	11.39
≤ 60	1263	8.06

Grade 8 / 8^e année (Sec. II)

Number of schools represented / Nombre d'écoles	997
Number of students represented / Nombre d'élèves	13 619
Average / Moyenne	95.1

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	463	3.40
121 – 135	1658	12.17
106 – 120	2894	21.25
91 – 105	3031	22.26
76 – 90	2699	19.82
61 – 75	1710	12.56
≤ 60	1164	8.55

Students are listed in alphabetical order / Les élèves sont nommés en ordre alphabétique

Perfect scores of 150 / Notes parfaites de 150

Name/Nom	School/École	Location/Endroit
Nima	Ahmadi	Laureates Academy for Gifted Students
Issa	Ataya	W.H. Morden School
Zoha	Banu	Gibraltar Leadership Academy
Yihan	Cao	W.H. Morden School
Edwin	Chen	Jack Miner Senior Public School
Sahil	Danda	W.H. Morden School
Elaine	Han	Mulgrave School
Jaden	He	Silver Stream P.S.
Sarah	He	Zion Heights Jr. H.S.
Liu	Ian	Fern Hill School
Abishaa	J.	Sam Chapman P.S.
Maryam	Jalali	Laureates Academy for Gifted Students
Ryan	Kazemi	Laureates Academy for Gifted Students
Anaya	Khan	Gibraltar Leadership Academy
Daniel	Krivykh	Discovery Academy
Evan	Li	Fern Hill School
Chen Xi	Ma	
Khadija	Mughal	Maingate Islamic Academy
Ekaterina	Popova	Laureates Academy for Gifted Students
Daniyal	Qazi	W.H. Morden School
Elvis	Qian	St. John's-Ravenscourt School
Louis	Qiu	
Babak	Saeidi	Laureates Academy for Gifted Students
Celeste	Song	Laureates Academy for Gifted Students
Harry	Song	Cornerstone Christian Academy
Junyi	Song	
Tanisi	Upadhyay	Jack Miner P.S.
Thomas	Wan	Upper Canada College Prep School
Michael	Wang	
Torres	Wang	Hillcrest M.S
Alfred	Wu	Yorkson Creek M.S.
Amy	Wu	Vernon Barford School
Bowen	Wu	Ecole Saint-Louis-de-France
Alan	Xiang	Fern Hill School
Ying Tong	Yu	
Alex	Zhen	St. John's-Ravenscourt School
Billxiaodong	Zhou	

Students are listed in alphabetical order / Les élèves sont nommés en ordre alphabétique

Perfect scores of 150

Name/Nom		School/École	Location/Endroit
Zaynab	Ahmed	Gibraltar Leadership Academy	Toronto, ON
Mark	Berezenskyi	Home School Victoria Berezenska	Toronto, ON
Evan	Bing		Markham, ON
Kira	Budilova	Discovery Academy	Richmond Hill, ON
Victoria	Cohen	Laureates Academy for Gifted Students	Richmond Hill, ON
Ya	Gao	E.S. Dorval Jean XXIII - Carson	Dorval, QC
Daniel	Huai	Mountsfield P.S.	London, ON
Albert	Jiang	Sentinel S.S.	West Vancouver, BC
Andy	Jin		West Vancouver, BC
Nick	Kamali	Laureates Academy for Gifted Students	Richmond Hill, ON
Jiyoon	Kim	Matthew McNair S.S.	Richmond, BC
Audrey	L.	Sam Chapman P.S.	Markham, ON
Donald	Li	W.H. Morden School	Oakville, ON
Haochen	Li	Dr. David R. Williams	Oakville, ON
May	Li	UPPER IVY ACADEMY	VAUGHAN, ON
Austin	Lin		Richmond, BC
Jerry	Lin	Beynon Fields P.S.	Richmond Hill, ON
Tivaun	Lotfi	Laureates Academy for Gifted Students	Richmond Hill, ON
Aaron	Lou		Westmount, QC
Zihan	Niu	W.H. Morden School	Oakville, ON
Aiden	Ramezan	Laureates Academy for Gifted Students	Richmond Hill, ON
Timur	Stoicev	St. Anthony C.S.	Thornhill, ON
Aston	Wan	St. George's School	Vancouver, BC
Michael	Wang		West Vancouver, BC
Ziyi	Xia		Richmond, BC
Kelvin	Xu		West Vancouver, BC
Sonia	Xu	Laureates Academy for Gifted Students	Richmond Hill, ON
Luke	Yan	Laureates Academy for Gifted Students	Richmond Hill, ON
Alex	Yang	Vernon Barford School	Edmonton, AB
Zhuo	Yang	W.H. Morden School	Oakville, ON
Yihu	Zeng		Richmond, BC
Marco	Zhang	St. George's School	Vancouver, BC

**Perfect scores of 150 for Grade 7 Students /
Notes parfaites de 150 pour les élèves de 7^e année (Sec. I)**

Name/Nom		School/École	Location/Endroit
Buglem	Akar	Private Atayurt Schools	Eskisehir, Turkey
Alireza	Ardalani	Young Mathematician Association	Tehran, Iran Islamic Republic of
Azra	Arslan	Takev Primary School	Izmir, Turkey
Arda Ege	Celik	Private Atayurt Schools	Eskisehir, Turkey
Doruk	Cerci	Private Atayurt Schools	Eskisehir, Turkey
Hongran	Chen	National Institute of Technology	Beijing, China
Kuzey	Gokce	Private Atayurt Schools	Eskisehir, Turkey
Elaine	Gu	ALPHASTAR ACADEMY	SANTA CLARA, United States
Yagiz	Gundogan	Private Atayurt Schools	Eskisehir, Turkey
Dylan	Handy	ALPHASTAR ACADEMY	SANTA CLARA, United States
Batuhan	Karaman	Private Atayurt Schools	Eskisehir, Turkey
Michael	Mohipp	Warwick Academy	Warwick, Bermuda
Sathvik	Nelluri	ICAE	Lathrup Village, United States
Dogukan	Ozdemir	Private Atayurt Schools	Eskisehir, Turkey
Mehmet Arhan	Oztorun	Private Atayurt Schools	Eskisehir, Turkey
Ashwin	Shekhar	ALPHASTAR ACADEMY	SANTA CLARA, United States
Haktan Hasan	Turhan	Private Atayurt Schools	Eskisehir, Turkey
Lusen	Yao	ALPHASTAR ACADEMY	SANTA CLARA, United States

**Perfect scores of 150 for Grade 8 Students /
Notes parfaites de 150 pour les élèves de 8^e année (Sec. II)**

Name/Nom		School/École	Location/Endroit
Yufan	Chen	Shanghai Pinghe School	Shanghai, China
Haoyu	Li	Shanghai Pinghe School	Shanghai, China
Isaiah	Lopez	Telra Institute	Charlotte, United States
Siyuan	Zhang	Shanghai Pinghe School	Shanghai, China
Baiyu	Zhou	Shanghai Pinghe School	Shanghai, China
Binying	Zhu	Shanghai Pinghe School	Shanghai, China