



The CENTRE for EDUCATION  
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION  
en MATHÉMATIQUES et en INFORMATIQUE  
[www.cemc.uwaterloo.ca](http://www.cemc.uwaterloo.ca)

**2023**

*Results*

**2023**

*Résultats*

***Gauss Contests***  
(Grades 7 & 8)

***Concours Gauss***  
(7<sup>e</sup> et 8<sup>e</sup> années – Sec. I et II)



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**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 94.8 in 2023, while the average mark on the Grade 8 Contest was 97.0. We are very pleased with these results.

As it has always been in the past, the primary goals in setting the Contests is 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 routine. We extend our thanks to those students and teachers who participated this year despite the particular challenges brought on by the global pandemic.

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<sup>e</sup> et 8<sup>e</sup> 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<sup>e</sup> année était 94,8 en 2023, pendant que la note moyenne du Concours de 8<sup>e</sup> année était 97,0. Nous sommes très contents des résultats.

Comme cela a toujours été dans le passé, le but primaire du concours 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 routine de salle de classe. Nous offrons nos remerciements aux étudiants et aux enseignants qui ont participé cette année malgré les défis particuliers posés par la pandémie mondiale.

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	6594
BC	10976
MB	1650
NB	537
NL	256
NS	1718
ON	38561
PE	255
QC	4602
SK	247
YK	58
International	10211
Total	<hr/> 75665

**Statistics / Statistiques**

Total number of students represented / Nombre d'élèves: 41 128

Grade 7 / 7<sup>e</sup> année (Sec. I)

Number of schools represented / Nombre d'écoles	1206
Number of students represented / Nombre d'élèves	22 009
Average / Moyenne	92

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	778	3.53
121 – 135	2083	9.46
106 – 120	3911	17.77
91 – 105	5394	24.51
76 – 90	4940	22.45
61 – 75	2858	12.99
≤ 60	1584	7.20

Grade 8 / 8<sup>e</sup> année (Sec. II)

Number of schools represented / Nombre d'écoles	1136
Number of students represented / Nombre d'élèves	19 119
Average / Moyenne	93.7

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	647	3.38
121 – 135	2217	11.60
106 – 120	3931	20.56
91 – 105	4603	24.08
76 – 90	3891	20.35
61 – 75	2009	10.51
≤ 60	1354	7.08

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

**Perfect scores of 150 / Notes parfaites de 150**

<b>Name/Nom</b>	<b>School/École</b>	<b>Location/Endroit</b>
Sudhee	Bhasin	Agincourt Public School Ottawa, ON
Felix	Bian	West Point Grey Academy Vancouver, BC
Brianna	Bicheru	Kitchener-Waterloo Bilingual School Waterloo, ON
Yumi	Chen	Saskatoon, SK
Judy	Feng	St. Andrew School Oakville, ON
Brian	Guo	Collingwood School - Morven Campus West Vancouver, BC
Leo	Hao	West Vancouver, BC
Danny	He	Bell High School Nepean, ON
Brian	Kang	Bessborough Drive P.S. East York, ON
Kevin	Kang	Fallingbrook M.S. Mississauga, ON
Donald	Li	Pilgrim Wood P.S. Oakville, ON
Amy	Lin	William Berczy P.S. Markham, ON
Bowen	Liu	Unionville, ON
Lydia	Liu	James W. Hill P.S. Oakville, ON
Tivaun	Lotfi	Laureates Academy for Gifted Students Richmond Hill, ON
Jinxiu	Luo	Academy for Gifted Children-PACE Richmond Hill, ON
Renyi	Niu	William Berczy P.S. Markham, ON
Ethan	Ou	Earl of March S.S. Kanata, ON
Ankush	Pradish	Zion Heights Jr. H.S. North York, ON
Aiden	Ramezan	Laureates Academy for Gifted Students Richmond Hill, ON
Timur	Sharafutdinov	Laureates Academy for Gifted Students Richmond Hill, ON
Timothy	Shi	Tomken Road St. P.S. Mississauga, ON
Isabelle	Song	West Point Grey Academy Vancouver, BC
Andrew	Sun	Upper Canada College Prep School Toronto, ON
Lucas	Tian	Unionville, ON
Sarah	Wang	Zion Heights Jr. H.S. North York, ON
Ziyi	Xia	Chantrell Creek Elementary Surrey, BC
Ariel	Xu	Stratford Hall Vancouver, BC
Allison	Yang	University of Toronto Schools Toronto, ON
Yihu	Zeng	Richmond, BC
Prince	Zhang	Upper Canada College Prep School Toronto, ON
George	Zhou	Earl of March S.S. Kanata, ON
Justin	Zhou	Earl of March S.S. Kanata, ON
Tristan	Zhou	Earl of March S.S. Kanata, ON
Phoebe	Zhu	University of Toronto Schools Toronto, ON

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

**Perfect scores of 150**

<b>Name/Nom</b>	<b>School/École</b>	<b>Location/Endroit</b>
Artun	Arat	St. Andrews J.H.S.
Eric	Bao	St. Mark Separate School
Ryan	Cai	St. George's School
Nimansh	Chauhan	Walter Murray C.I.
Bryan	Chen	Sherwood Heights School
Kevin	Chen	Castlemore P.S.
Fanfeng John	Fu	Centennial Sr. P.S.
Niki	Gholipour	Rockridge S.S.
Daniel	Guo	Crosby Heights P.S.
Cindy	He	Zion Heights Jr. H.S.
Lei	He	John McCrae P.S.
Cheng-Lo	Hsu	West Vancouver, BC
Amber	Hu	Cedarview M.S.
Yihan	Hu	St. George's Junior School
Sophia	Izadkhast	Laureates Academy for Gifted Students
Nick	Kamali	Laureates Academy for Gifted Students
Cosmo	Ko	Zion Heights Jr. H.S.
Chenglong	Li	Arbour Vista
Justin	Li	Doon P.S.
Zihan	Li	Candiac, QC
Eden	Liang	Kwayhquitlum M.S.
Austin	Liu	Earl of March S.S.
Jonathan	Liu	Tomken Road St. P.S.
Marcus	Liu	University of Toronto Schools
Adam	Ma	Greystone Heights
Leslie	Mcnarland	Saskatoon, SK
Anthony	Nistor	The Prestige School
Jessica	Pu	Zion Heights Jr. H.S.
Thomas	Qiu	St. George's School
George	Raymond	Ajax, ON
Tommy	Shang	Richmond, BC
Joseph	Shen	Unionville, ON
Anas	Shurrab	Al Huda Elementary School
Varnika	Srivastava	Lorna Jackson P.S.
Hiba	Syed	Dolson Public School
Zachary	Tse	St. Andrews J.H.S.
Anji	Wang	Earl of March S.S.
Charles	Wang	West Point Grey Academy
Dennis	Wang	Richmond, BC
Ethan	Wang	Mulgrave School
Jiayyi	Wang	Surrey, BC
Maggie	Wang	Richmond, BC
Zoe	Wang	Zion Heights Jr. H.S.
Tara	Wei	Michael Cranny Elem. School
Jerry	Wong	Semiahmoo S.S.
Wenbo	Wong	Sir Winston Churchill S.S.
Leo	Wu	Silver Stream P.S.
Yunxuan	Wu	Richmond, BC
Daniel	Xie	Mississauga, ON
Bowen	Xu	Mulgrave School
Alex Jikai	Yan	College Jean de Brebeuf - Secondaire
Eric	Yan	Jack Donohue P.S.
Luke	Yan	Laureates Academy for Gifted Students
Zhuo	Yang	Mississauga, ON
Vivian-Chengzhu	Ye	Kwayhquitlum M.S.
Oliver	Yu	St. John's-Ravenscourt School

<b>Name/Nom</b>		<b>School/École</b>	<b>Location/Endroit</b>
Jeremy	Zhang	Crosby Heights P.S.	Richmond Hill, ON
Tianyi	Zhang		Saskatoon, SK
Franklin	Zhao	J.B. Tyrrell Sr. P.S.	Scarborough, ON
Lucas	Zhao	Kempfenfelt Bay School	Innisfil, ON
Sophia	Zheng	Crosby Heights P.S.	Richmond Hill, ON
Guanlin	Zhou		Unionville, ON
Leonardo	Zhou		Richmond, BC
Zack	Zhou		Vancouver, BC
Ryan	Zhu	St. George's Junior School	Vancouver, BC

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

<b>Name/Nom</b>	<b>School/École</b>	<b>Location/Endroit</b>
Buglem	Akar	Private Atayurt Schools
Cinar	Aksoy	Private Atayurt Schools
Gokce Naz	Aydemir	Private Atayurt Schools
Yagiz	Cansel	Private Atayurt Schools
Navya	Dhanuka	7 on 7 Academy
Kerem	Durdu	Private Atayurt Schools
Kerem	Es	Private Atayurt Schools
Yagiz	Gundogan	Private Atayurt Schools
Batuhan	Ispenoglu	Private Atayurt Schools
Linyue	Jia	Crosspoint at Nanjing Yuhuatai High School
Omer Cagri	Karagoz	Private Atayurt Schools
Cinar	Kirikkaya	Private Atayurt Schools
Flower	Li	Concordia International School Shanghai
Hao Yu	Li	Suzhou XiangCheng High School
Yangjian	Lin	Suzhou XiangCheng High School
Haoyang	Mi	Crosspoint at Nanjing Yuhuatai High School
Doruk	Ogan	Private Atayurt Schools
Melis	Orekci	Private Atayurt Schools
Dugukan	Ozdemir	Private Atayurt Schools
Baris Boran	Ozmen	Private Atayurt Schools
Arhan	Oztorun	Private Atayurt Schools
Karen	Sarshar	Sistan
Yilang	Wang	Shanghai Shangde Experimental School
Boyan	Yang	Crosspoint at Nanjing Yuhuatai High School
Chenrui	Zhang	Beijing Chaoyang Jiangfu Experimental School



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

<b>Name/Nom</b>		<b>School/École</b>	<b>Location/Endroit</b>
Osman	Ak	OZEL IZMIR TURK KOLEJI - MANISA	YunusemreManisa, Turkey
Koki	Ariga	NIST International School	Bangkok, Thailand
Aanya	Baxi	7 on 7 Academy	Mumbai, India
Saksham	Bhartiya	7 on 7 Academy	Mumbai, India
Daniel	Bronstein	New Jersey Enrichment Academy	Millburn, United States
Yufan	Chen	Shanghai Pinghe School	Shanghai, China
Ariel	Cheung	Diocesan Girls' School	Kowloon, Hong Kong SAR
JiweiHang	Fan	Crosspoint at Nanjing Yuhuatai High School	Nanjing, China
Daniel	Ho	Toby Johnson Middle School	Elk Grove, United States
Tsz Yaz Antonia	Ho	Diocesan Girls' School	Kowloon, Hong Kong SAR
Michael	Hua	ICAE	Troy, United States
Agah Mete	Keskin	Izmir Ozel Turk Ortaokulu	Izmir, Turkey
Hoi Shun Bethanie	Leung	Diocesan Girls' School	Kowloon, Hong Kong SAR
Cheng	Li	Suzhou XiangCheng High School	SuZhou City, China
Haoyu	Li	Shanghai Pinghe School	Shanghai, China
Patricia	Mao	ICAE	Troy, United States
Parth	Modi	Transitions Lab Prep School	Thiruvananthapuram, India
Vishruth	Nalabolu	ICAE	Troy, United States
Aariv	Patel	7 on 7 Academy	Mumbai, India
Aarov Anil	Rao	Transitions Lab Prep School	Thiruvananthapuram, India
Brady	Shih	ICAE	Troy, United States
Adam	Smith	Harrisburg Academy	Wormsleyburg, United States
Alan	Wang	Hilltop Academy	Oxford, United Kingdom
Patrick	Xu	Canadian Int'l School of Hong Kong	Aberdeen, Hong Kong SAR
Tianrui	You	Suzhou XiangCheng High School	SuZhou City, China
Siyuan	Zhang	Shanghai Pinghe School	Shanghai, China
Xinyan	Zhang	Diocesan Girls' School	Kowloon, Hong Kong SAR
Boyu	Zhou	Shanghai Pinghe School	Shanghai, China
Binying	Zhu	Shanghai Pinghe School	Shanghai, China
Haotian	Zou	Suzhou XiangCheng High School	SuZhou City, China