



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

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

2018
Results

2018
Résultats

Gauss Contests
(Grades 7 & 8)

Concours Gauss
(7^e et 8^e 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 2018 offering of these Contests drew an enrollment of more than 89 000 students from schools in Canada and internationally.

The summary of results found in these pages is compiled from voluntarily submitted reporting forms. These results are based on returns representing almost one-half of the total of enrolled students, and so can be viewed as representative of the actual results.

The average mark on the Grade 7 Gauss Contest was 92.1 in 2018, while the average mark on the Grade 8 Contest was 95.8. We are quite 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, and hope that you will all continue to be active in such activities.

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. En 2017, ces concours ont mené à une inscription de plus de 89 000 étudiants qui viennent des écoles canadiennes et internationales.

Le sommaire des résultats, trouvé dans ces pages, est compilé de formulaires de rapport de résultats volontairement soumis. Ces résultats sont basés sur les retours représentant un demi du total d'étudiants inscrits, et donc peut être vu comme représentant de façon raisonnable les résultats actuels.

La note moyenne sur le Concours de Gauss de 7^e année était 92,1 en 2018, pendant que la note moyenne du Concours de 8^e année était 95,8. Nous sommes 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 et nous espérons que vous continuerez à être actif dans de telles activités.

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	6693
BC	11097
MB	1605
NB	309
NL	743
NS	1704
ON	48805
PE	202
QC	4473
SK	326
YK	98
International	13855
Total	<u>89910</u>

Statistics / Statistiques

Total number of students represented / Nombre d'élèves: 38 883

Grade 7 / 7^e année (Sec. I)

Number of schools represented / Nombre d'écoles	1282
Number of students represented / Nombre d'élèves	20 624
Average / Moyenne	92.1

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	597	2.89
121 – 135	1662	8.06
106 – 120	3881	18.82
91 – 105	5002	24.25
76 – 90	4680	22.69
61 – 75	3003	14.56
≤ 60	1799	8.72

Grade 8 / 8^e année (Sec. II)

Number of schools represented / Nombre d'écoles	1230
Number of students represented / Nombre d'élèves	18 259
Average / Moyenne	95.8

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	526	2.88
121 – 135	1743	9.55
106 – 120	4213	23.07
91 – 105	4755	26.04
76 – 90	3819	20.92
61 – 75	2064	11.30
≤ 60	1139	6.24

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
Maxwell	Gao	Vancouver, BC
Scott	Hao	Kitchener-Waterloo Bilingual School Waterloo, ON
Mukarram	Hassan	IQRA Islamic School Mississauga, ON
Samuel	Li	Arbutus M.S. Victoria, BC
Kate	Ma	Mississauga, ON
Arnab	Mandal	Acadia Jr. H.S. Winnipeg, MB
Isabella	Manubens	A.E. Cross Jr. H.S. Calgary, AB
Troy	Mcaskin	Jack Miner P.S. Whitby, ON
Iris	Mo	Silver Stream P.S. Richmond Hill, ON
Ryan	Nguyen	Earl of March S.S. Kanata, ON
Wenzhao	Pan	Jack Miner P.S. Whitby, ON
Krish	Punjabi	St. Emily's C.S. Nepean, ON
Seoras	Shaiyan	Scarborough, ON
Alec	Situ	Norma Rose Point Vancouver, BC
Allenna	Tang	Joshua Creek P.S. Oakville, ON
Akshaya	Varakunan	Donview Middle Health and Wellness Academy North York, ON
Jerry	Wang	Vancouver, BC
Kai	Wang	Maple Grove Elementary Vancouver, BC
William Yihan	Wang	Toronto, ON
Xuanpeng	Wang	Montreal Confucius School Dollard des Ormeaux, QC
Kevin	Wu	Mississauga, ON
Yvonne	Xie	Vancouver, BC
Catherine	Zhang	Unionville P.S. Unionville, ON
Wenhe	Zhang	College Jean de Brebeuf Montreal, QC
William	Zhang	St. George's School Vancouver, BC
Simon	Zhu	Norma Rose Point Vancouver, BC

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

Perfect scores of 150

Name/Nom		School/École	Location/Endroit
Ritvik	Bale	Jack Miner P.S.	Whitby, ON
Jerry	Cao	Pilgrim Wood P.S.	Oakville, ON
Christian	Choi	University of Toronto Schools	Toronto, ON
Cedric	Chung	St. Charles Garnier C.E.S.	Richmond Hill, ON
Hao	Cui		Toronto, ON
Jaden	Dolch	St. Peter	St. Catharines, ON
Jalen	Huang	Burnaby North S.S.	Burnaby, BC
Matthew	Li	St. Andrews J.H.S.	North York, ON
Ryan	Ma	Dolphin Sr. P.S.	Mississauga, ON
Fares	Omer	IQRA Islamic School	Mississauga, ON
Girish	Rengadurai	Churchill Heights P.S.	Scarborough, ON
Usayd	Saiyed	IQRA Islamic School	Mississauga, ON
Fred	Sun	Michael Cranny Elem. School	Maple, ON
Amaan	Thawer	Hudson College	Toronto, ON
Jerry	Wu	Toronto Dist. Christian H.S.	Woodbridge, ON
James	Yu	Parkview P.S.	Markham, ON
Timothy	Yu	Greystone Heights	Saskatoon, SK
Miranda	Zhao	Zion Heights Jr. H.S.	North York, ON
Jerry	Zhu	Insight Academy of Canada	Scarborough, ON

**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
Efe	Abali	Ozel Cevre Ortaokulu	Kadikoy, Turkey
Theodore	Abara	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Can	Acar	Karsiyaka Takev Ozel Ilkogretim Okulu	Bostanli, Turkey
Ibrahim	Aksoy	Bahcesehir Eskisehir College	Eskisehir, Turkey
Ilkim	Atalay	Bahcesehir Eskisehir College	Eskisehir, Turkey
Bora	Bag	Keystone International Schools	ISTANBUL, Turkey
Yakup Emre	Celebi	Ozel Turk Yurdu Koleji	Ankara, Turkey
Dillion	Chan	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Hok Yin	Chan	Pui Ching M.S.	Kowloon City, Hong Kong
Liron	Chan	Po Leung Kok Choi Kai Yau School	Kowloon, Hong Kong
Huihong	Chen	Insight Academy of Canada - Shanghai	Shanghai, China
Yuji	Choi	Bergen County Academies	Hackensack, United States
Diclesu	Demir	Aydin Basak College	Efeler, Turkey
John Florence	Dizon	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Hamza Efe	Dogan	Bahcesehir Eskisehir College	Eskisehir, Turkey
Doruk	Dolapcioglu	Umraniye Bahcesehir College	Istanbul, Turkey
Akul	Gunukula	ICAE	Troy, United States
Pelinsu	Guruney	Umraniye Bahcesehir College	Istanbul, Turkey
Benjamin	Jacob	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Emine Basak	Kalava	Bahcesehir Eskisehir College	Eskisehir, Turkey
Zeren	Karabulut	Private Atayurt Schools	Eskisehir, Turkey
Louise	Kim	Dream Acts Academy	Cresskill, United States
Yigit	Kundakci	Aydin Basak College	Efeler, Turkey
Gorkem	Kurama	Private Atayurt Schools	Eskisehir, Turkey
Kelly	Lee	Dream Acts Academy	Cresskill, United States
Patric	Legaspi	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Sohan	Madishetty	ICAE	Troy, United States
John David	Magnaye	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Ozan	Oruc	Izmir Ozel Bornova Turk Ortaokulu	Izmir, Turkey
Christopher	Qiu	Bergen County Academies	Hackensack, United States
Ganesh	Sankar	Sega Math Academy	Cupertino, United States
Candan	Savk	Aydin Basak College	Efeler, Turkey
Jaiden	Shin	Bergen County Academies	Hackensack, United States
Hasan Emir	Su	Private Atayurt Schools	Eskisehir, Turkey
Kaan	Tanir	Bahcesehir Eskisehir College	Eskisehir, Turkey
Jerome	Te	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Raj	Tiller	ICAE	Troy, United States
Michael Gerard	Tongson	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Andy	Wen	Green Oasis School	Shenzhen, China
Jason	Zhang	ICAE	Troy, 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
Hasan Yigit	Akinci	Odtu Ulkem Koleji	Manisa, Turkey
Hasan Aybars	Ari	Bahcesehir Eskisehir College	Eskisehir, Turkey
Ozgur	Arslan	Bahcesehir Bursa Modern S. S.	Bursa, Turkey
Doruk	Bagtas	Izmir Ozel Turk Ortaokulu	Izmir, Turkey
Kiet	Bui Tuan	Canadian Int'l School - Vietnam	Ho Chi Minh City, Viet Nam
Bilge Cansin	Cakmak	Odtu Ulkem Koleji	Manisa, Turkey
Omer Faruk	Cam	ODTU Mersin College	Mersin, Turkey
Enzo Raphael	Chan	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Deniz Duru	Dervis	Izmir Ozel Turk Ortaokulu	Izmir, Turkey
Beril	Efe	Odtu Ulkem Koleji	Manisa, Turkey
Barkin	Ercengiz	ODTU Mersin College	Mersin, Turkey
Sude	Ergezer	Buyukcigli Ozel Turk Ilkogretim Okulu	Izmir, Turkey
Murat	Esenkaya	Odtu Ulkem Koleji	Manisa, Turkey
Irem	Gonlugur	Odtu Ulkem Koleji	Manisa, Turkey
Emir	Gorgulu	Odtu Ulkem Koleji	Manisa, Turkey
Selim	Iyidirli	Bahcesehir Eskisehir College	Eskisehir, Turkey
Bahar	Kahraman	Bahcesehir Bursa Modern S. S.	Bursa, Turkey
Gozde	Karakaya	ODTU Mersin College	Mersin, Turkey
Tuna	Karakus	Odtu Ulkem Koleji	Manisa, Turkey
Aylin Bilge	Kose	Bahcesehir Eskisehir College	Eskisehir, Turkey
Sebnem	Kurban	Odtu Ulkem Koleji	Manisa, Turkey
Ata Uzay	Kuzey	Izmir Ozel Turk Ortaokulu	Izmir, Turkey
Elif	Okumus	Bahcesehir Eskisehir College	Eskisehir, Turkey
Ege	Onem	Odtu Ulkem Koleji	Manisa, Turkey
Kaan	Orhan	Izmir Ozel Bornova Turk Ortaokulu	Izmir, Turkey
Irmak	Ozturk	Buyukcigli Ozel Turk Ilkogretim Okulu	Izmir, Turkey
Yigit Efe	Ozturk	Bahcesehir Eskisehir College	Eskisehir, Turkey
Kaan	Pide	Karsiyaka Takev Ozel Ilkogretim Okulu	Bostanli, Turkey
Christopher	Qui	Bergen County Academies	Hackensack, United States
Garima	Rastogi	Heather Tiberi	Penacook, United States
Riane	See	Maths Hub	Singapore, Singapore
Oyku	Sila Gunes	Umraniye Bahcesehir College	Istanbul, Turkey
Gwyneth Margaux	Tangog	Math Trainers Guild of Philippines	Zamboanga City, Philippines
Bilge	Ulgen Simsek	Bahcesehir Bursa Modern S. S.	Bursa, Turkey
Ceyda	Umdu	Odtu Ulkem Koleji	Manisa, Turkey
Ryan	Wang	Ann Arbor Fun Math Club	Ann Arbor, United States
Zehra Pinar	Yayla	Odtu Ulkem Koleji	Manisa, Turkey
Aziz Can	Yazici	ODTU Mersin College	Mersin, Turkey
Hikmet Mert	Yertutmaz	Izmir Ozel Turk Ortaokulu	Izmir, Turkey
Sena	Yilmaz	Odtu Ulkem Koleji	Manisa, Turkey