



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

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

2017
Results

2017
Résultats

Gauss Contests
(Grades 7 & 8)

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



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Lori Yee, William Dunbar P.S., Pickering, 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 2017 offering of these Contests drew an enrollment of more than 87 000 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 95.5 in 2017, while the average mark on the Grade 8 Contest was 94.6. 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 87 000 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 95,5 en 2017, pendant que la note moyenne du Concours de 8^e année était 94,6. 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	6669
BC	11228
MB	1412
NB	405
NL	880
NS	1376
ON	47680
PE	211
QC	4918
SK	327
YK	67
International	12189
Total	<u>87362</u>

Statistics / Statistiques

Total number of students represented / Nombre d'élèves: 37 420

Grade 7 / 7^e année (Sec. I)

Number of schools represented / Nombre d'écoles	1205
Number of students represented / Nombre d'élèves	20 326
Average / Moyenne	95.5

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	525	2.58
121 – 135	2215	10.90
106 – 120	5171	25.44
91 – 105	4748	23.36
76 – 90	3548	17.46
61 – 75	2348	11.55
≤ 60	1771	8.71

Grade 8 / 8^e année (Sec. II)

Number of schools represented / Nombre d'écoles	1765
Number of students represented / Nombre d'élèves	17 094
Average / Moyenne	94.6

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	439	2.57
121 – 135	1434	8.39
106 – 120	3647	21.34
91 – 105	4572	26.75
76 – 90	3944	23.07
61 – 75	1972	11.54
≤ 60	1086	6.35

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
Ritvik	Bale	Jack Miner P.S.	Whitby, ON
Edwin	Chen	Kitchener-Waterloo Bilingual School	Waterloo, ON
Jonathan	Chen	Randall P.S.	Markham, ON
Jason	Cheng	J.B. Tyrrell Sr. P.S.	Scarborough, ON
Christian	Choi	University of Toronto Schools	Toronto, ON
Alexander	Chung	W.H. Morden School	Oakville, ON
Cedric	Chung	St. Charles Garnier C.E.S.	Richmond Hill, ON
Noah	Lee	Cummer Valley M.S.	North York, ON
Jessica	Liu	Joshua Creek P.S.	Oakville, ON
Kevin	Liu		Vancouver, BC
Alexander	Lyakishev	University of Toronto Schools	Toronto, ON
Enzo	Mutiso	Westmount Charter School	Calgary, AB
Fares	Omer	IQRA Islamic School	Mississauga, ON
Chuhan	Qi		Surrey, BC
Usayd	Saiyed	IQRA Islamic School	Mississauga, ON
Leo	Shi	College Jean de Brebeuf	Montreal, QC
Hilbert	Tapia	Silver Stream P.S.	Richmond Hill, ON
Justin Jiangxu	Wan	Norma Rose Point	Vancouver, BC
Kai	Wang	Maple Grove Elementary	Vancouver, BC
Edward	Xiao	University of Toronto Schools	Toronto, ON
Yuqi	Xin		Vancouver, BC
Kevin	Yan	General Currie Elementary	Richmond, BC
Daniel	Yang	University of Toronto Schools	Toronto, ON
James	Yang	Joshua Creek P.S.	Oakville, ON
Ben	Zeng	J.B. Tyrrell Sr. P.S.	Scarborough, ON
Edward	Zeng	General Currie Elementary	Richmond, BC
Erin	Zhang	W.H. Morden School	Oakville, ON
George	Zhang	J.B. Tyrrell Sr. P.S.	Scarborough, ON

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

Perfect scores of 150

Name/Nom		School/École	Location/Endroit
Sebastian	Aiken	Southwood Park PS	Ajax, ON
Cristian	Bicheru	Laurelwood P.S.	Waterloo, ON
Andrew	Carlson	Vernon Barford School	Edmonton, AB
Hongyi	Chen	St. George's School	Vancouver, BC
Justin	Cheng	University of Toronto Schools	Toronto, ON
Olivia	Chung	University of Toronto Schools	Toronto, ON
Andrew	Dong	Arbour Vista	Guelph, ON
Sufyan	Faisal	IQRA Islamic School	Mississauga, ON
Amy	Guo		Vancouver, BC
Michael Munki	Hahn	Norma Rose Point	Vancouver, BC
Bohdan	Hrotovytsky	All Saints C.S.	Etobicoke, ON
Joshua	Lee	University of Toronto Schools	Toronto, ON
Zed	Li	Laurelwood P.S.	Waterloo, ON
Ethan	Liu	W.H. Morden School	Oakville, ON
Evan	Lu	Vincent Massey S.S.	Windsor, ON
Tina	Ma	Zion Heights Jr. H.S.	North York, ON
Madhu	Manivannan	University of Toronto Schools	Toronto, ON
Albert	Nitu	Broadview P.S.	Ottawa, ON
Jordan	Nolte	Welborne Ave. PS	Kingston, ON
Neil	Rahman	Greenbank M.S.	Nepean, ON
Eric	Shen	University of Toronto Schools	Toronto, ON
Neil	Shen		Vancouver, BC
Karen	Situ	Alpha S.S.	Burnaby, BC
Tejas	Srikanth	Laurelwood P.S.	Waterloo, ON
Bert	Sun	Dolphin Sr. P.S.	Mississauga, ON
Kaixiang	Sun		Vancouver, BC
Ryan	Sun	Broadview P.S.	Ottawa, ON
Kai	Sundararaj	Broadview P.S.	Ottawa, ON
Allison	Tsy-pin	Ecole russe Gramota	Montreal, QC
Omer	Vered	West Island College	Dollard-Des-Ormeaux, QC
Brian	Wang	University of Toronto Schools	Toronto, ON
Jennifer	Wang	University of Toronto Schools	Toronto, ON
King	Wang	J.B. Tyrrell Sr. P.S.	Scarborough, ON
Daniel	Wei	Greystone Heights	Saskatoon, SK
Calvin	Xu	Appleby College	Oakville, ON
Angela	Zhang	University of Toronto Schools	Toronto, ON
Evan	Zheng	Glen Shields P.S.	Concord, ON
Angela	Zhou	Vancouver Sch. Board Dist. MACC	Vancouver, BC
Nora	Zhu		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
Guliz Ece	Acun	Atasehir Bilfen Schools
Azra	Ak	Rota College
Batuhan	Akar	Atasehir Bilfen Schools
Egemen	Akkoca	Izmir Ozel Turk Ortaokulu
Venkatesh	Alagappan	ICAE
Metin Furkan	Amarat	Rota College
Arda	Atik	Private Atayurt Schools
Ipek	Ayhan	Private Emine Ornek Schools
Nilufer	Bagci	Private Emine Ornek Schools
Doruk	Bagtas	Izmir Ozel Turk Ortaokulu
Irem Su	Bozdas	Rota College
Murat Ata	Cakmak	Private Emine Ornek Schools
Omer	Ceylan	Private Emine Ornek Schools
Tsz Chun	Chan	Int'l Christian Quality Music School
Aryan	Chandna	ICAE
Halil Eren	Deger	Rota College
Efe	Demirpolat	Rota College
Atakan	Deniz	Private Emine Ornek Schools
Nil	Donmez	Private Emine Ornek Schools
Ayhan	Dudu	Private Emine Ornek Schools
Sarp Doruk	Egemen	Atasehir Bilfen Schools
Nil Eren	Ekrem	Private Emine Ornek Schools
Gokce	Erdemir	Rota College
Sena	Eren	Ozel Turk Koleji Marmaris Kampusu
Ahmet Gorker	Erginel	Private Atayurt Schools
Ceren	Erkek	FMV Isik Okullari Iktisadi Isletmesi
Benay	Ersoy	Rota College
Ata	Faat	Izmir Ozel Turk Ortaokulu
Selim Cinar	Gulsen	MEV Ankara M.S. (MEV Koleji Ozel Ankara Ortaokulu)
Timucin Oisin	Gunaydin	Private Emine Ornek Schools
Sambhav	Gupta	ICAE
Eda Naz	Gurel	Private Emine Ornek Schools
Ege Hakan	Karaaslan	Private Emine Ornek Schools
Sabit Okan	Karadeniz	ODTU Mersin College
Sidal	Karaytug	ODTU Mersin College
Alper	Kartkaya	Private Atayurt Schools
Ege	Kaya	Antalya Bilfen Ortaokulu
Daniel	Kim	Dream Acts Academy
Ayduz Derin	Kiziltug	Atasehir Bilfen Schools
Selim Ayhan	Koc	MEV Ankara M.S. (MEV Koleji Ozel Ankara Ortaokulu)
Mehmet Bumin	Kola	Ozel Turk Yurdu Koleji
Emir	Ogruce	Rota College
Demir	Onel	Private Emine Ornek Schools
Mustafa Hasan	Ozen	Rota College
Metin Taha	Ozguven	ODTU Mersin College
Yusuf Mert	Ozturk	Private Emine Ornek Schools
Kaan	Pide	Karsiyaka Takev Ozel Ilkogretim Okulu
Mert	Sanli	Private Emine Ornek Schools
Efe	Sarac	Private Emine Ornek Schools
Efe	Sarac	Private Emine Ornek Schools
Mehmet Mert	Sari	Atasehir Bilfen Schools
Berker	Saricicek	Private Atayurt Schools
Ece	Satis	Private Emine Ornek Schools
Dogan Emre	Sayiner	Private Emine Ornek Schools
Ufuk	Senguler	Karsiyaka Takev Ozel Ilkogretim Okulu
Erge	Senturk	Private Emine Ornek Schools

Name/Nom		School/École	Location/Endroit
Salih	Seremet	Private Emine Ornek Schools	Bursa Mudanya, Turkey
Eylul Ruveyda	Sezgin	Private Emine Ornek Schools	Bursa Mudanya, Turkey
Deren	Tatli	Rota College	Izmir, Turkey
Huynh Phuc	To	Canadian Int'l School - Vietnam	Ho Chi Minh City, Viet Nam
Merve	Toksoz	Rota College	Izmir, Turkey
Ali	Turgut	Rota College	Izmir, Turkey
Ata	Turker	FMV Isik Okullari Iktisadi Isletmesi	Istanbul, Turkey
Ertug	Umsur	Sancaktepe Bilfen Ortaokulu	Istanbul, Turkey
Toprak	Uslu	Private Emine Ornek Schools	Bursa Mudanya, Turkey
Yosun	Uyansoy	FMV Isik Okullari Iktisadi Isletmesi	Istanbul, Turkey
Ryan	Wang	Ann Arbor Fun Math Club	Ann Arbor, United States
Andrew	Xiong	ICAE	Troy, United States
Anthony	Xu	Soong Ching Ling	Shanghai, China
Gary	Xu	ICAE	Troy, United States
Yagiz	Yagmur	Rota College	Izmir, Turkey
Kaan Irfan	Yalta	Private Emine Ornek Schools	Bursa Mudanya, Turkey
Xudong	Yan	Beijing New Talent Academy	Beijing, China
Himani	Yarlagadda	ICAE	Troy, United States
Aziz Can	Yazici	ODTU Mersin College	Mersin, Turkey
Cemre Su	Yildirim	Rota College	Izmir, Turkey
Ata Berk	Yildiz	Rota College	Izmir, Turkey
Doga Aybuke	Yilmaz	Ozel Turk Koleji Marmaris Kampusu	Marmaris Mugla, Turkey
Sukru Ege	Yucel	Ozel Cevre Ortaokulu	Kadikoy, Turkey
Alicia	Zhang	Bergen County Academies	Hackensack, 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
Emre	Akca	ODTU Mersin College Mersin, Turkey
Efe	Akcam	Izmir Ozel Turk Ortaokulu Izmir, Turkey
Sila	Akkaya	Odtu Ulkem Koleji Manisa, Turkey
Kaan	Ates	MEV Ankara M.S. (MEV Koleji Ozel Ankara Ortaokulu) Ankara Cayyolu, Turkey
Beril	Aydin	Private Emine Ornek Schools Bursa Mudanya, Turkey
Can Baris	Aydinyer	Odtu Ulkem Koleji Manisa, Turkey
Immanuel Josiah	Balete	Math Trainers Guild of Philippines Zamboanga City, Philippines
Ada Besir	Bayraktar	ODTU Mersin College Mersin, Turkey
Ulas Utku	Bedel	Izmir Ozel Turk Ortaokulu Izmir, Turkey
Melih Burak	Besikci	Odtu Ulkem Koleji Manisa, Turkey
Seckin	Caliskan	Izmir Ozel Turk Ortaokulu Izmir, Turkey
Feride	Cesur	Private Emine Ornek Schools Bursa Mudanya, Turkey
Marcus	Chan	St Josephs Institute Int'l School Malaysia Petaling Jaya, Malaysia
Eftal	Coskun	Odtu Ulkem Koleji Manisa, Turkey
Vincent	Dela Cruz	Math Trainers Guild of Philippines Zamboanga City, Philippines
Sahil K	Desai	Pune, India
Guz	Erdem	Private Emine Ornek Schools Bursa Mudanya, Turkey
Saadet Derin	Esensu	Private Emine Ornek Schools Bursa Mudanya, Turkey
Junghwan	Han	Raha International School Abu Dhabi, United Arab Emirates
Sihan	Hou	Rosedale Academy - Wuxi Jiangsu Wuxi, China
Yagmur	Karabenli	Odtu Ulkem Koleji Manisa, Turkey
Bilge Toprak	Karakaya	Izmir Ozel Turk Ortaokulu Izmir, Turkey
Emir	Kiziltan	Ozel Cevre Ortaokulu Kadikoy, Turkey
Jane	Lee	Qingdao MTI Inter. School Qiangdao Shandong, China
Benjamin	Liu	Bergen County Academies Hackensack, United States
Orhun Kadir	Okan	MEV Ankara M.S. (MEV Koleji Ozel Ankara Ortaokulu) Ankara Cayyolu, Turkey
Mehmet Tuna	Oncan	Private Emine Ornek Schools Bursa Mudanya, Turkey
Eda	Orakci	Private Emine Ornek Schools Bursa Mudanya, Turkey
Polat	Pordogan	Karsiyaka Takev Ozel Ilkogretim Okulu Bostanli, Turkey
Dilara Nur	Sahin	Private Emine Ornek Schools Bursa Mudanya, Turkey
Bryce Ainsley	Sanchez	Math Trainers Guild of Philippines Zamboanga City, Philippines
Jaiden	Shin	Bergen County Academies Hackensack, United States
Vivian	Tan	Bergen County Academies Hackensack, United States
Ayla	Tatas	Takev Primary School Izmir, Turkey
Stephen James	Ty	Math Trainers Guild of Philippines Zamboanga City, Philippines
Daniel	Wang	Ann Arbor Fun Math Club Ann Arbor, United States
Tunay	Yetis	Ozel Turk Koleji Marmaris Kampusu Marmaris Mugla, Turkey
Ezgi	Yircali	Private Emine Ornek Schools Bursa Mudanya, Turkey
Andy Taiyue	Zhang	Dhahran Middle School (Saudi Aramco Schools) Dhahran, Saudi Arabia
Ruikun	Zhang	Rosedale Academy - Wuxi Jiangsu Wuxi, China
Liangxuan	Zhao	Rosedale Academy-Shenyang Shenyang, China
Yizhi	Zhao	Jurong Country Garden School Jurong, China
Tingjun	Zhou	Rosedale Academy - Wuxi Jiangsu Wuxi, China