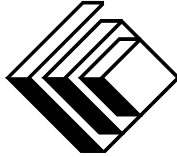


Canadian
Mathematics
Competition
An activity of the Centre for
Education in Mathematics and Computing,
University of Waterloo, Waterloo, Ontario



Concours
canadien de
mathématiques
Une activité du Centre d'éducation
en mathématiques et en informatique,
Université de Waterloo, Waterloo, Ontario

2007
Results

2007
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 Canadian Mathematics Competition and the Centre for Education in Mathematics and Computing. The 2007 offering of these Contests drew an enrollment of almost 84 000, mainly from Canadian schools, but also including a growing number of international schools.

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

The average mark on the Grade 7 Gauss Contest rose from 89.87 in 2006 to 96.15 in 2007, while the average mark on the Grade 8 Contest decreased from 101.52 in 2006 to 91.17 in 2007. We are very pleased with these results from 2007.

Of special note, the number of students represented in this report rose by almost 50% from roughly 26 600 in 2006 to more than 39 000 in 2007. We are very happy to see this significant increase. In 2006, we allowed schools to report their Gauss results online for the first time, a feature of which not many took advantage, most preferring to submit on paper. In 2007, we saw a significant increase in the number of schools choosing to report scores online. We are quite happy that more have chosen to use the online system.

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 Concours canadien de mathématiques et le Centre d'éducation en mathématiques et en informatique. En 2007, ces concours ont mené à une inscription d'un peu plus de 84 000 étudiants, principalement d'écoles canadiennes mais incluant aussi un nombre croissant d'écoles 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 d'un tiers 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 a monté de 89,87 en 2006 à 96,15 en 2007, pendant que la marque moyenne du Concours de 8^e année a diminué de 101,52 en 2006 à 91,17 en 2007. Nous sommes très contents de ces résultats de 2007.

De note spéciale, le nombre d'étudiant(e)s représentés dans ce rapport est monté de presque 50% de 26 600 en 2006 jusqu'à plus de 39 000 en 2007. Nous sommes très heureux de voir cette augmentation significative. En 2006, nous avons permis aux écoles de poster leurs résultats du concours Gauss sur notre site web pour la première fois. Malheureusement pas beaucoup ont profité et la plupart ont préféré soumettre leurs résultats sur papier. En 2007, nous avons vu une augmentation significative dans le nombre d'écoles voulant poster leurs résultats sur notre site web. Nous sommes heureux que beaucoup plus ont voulu utiliser le système en ligne.

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 actifs dans de telles activités.

Félicitation à tous les participants, et surtout à ceux nommés dans ce rapport. Nous avons hâte de voir vos noms et ceux de d'autres, apparaître dans les listes futures de participants.

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

	Enrollment/ Inscription
NL	1338
NS	1885
NB	5565
PE	180
QC	7237
ON	46811
MB	1302
SK	365
AB	5823
BC	14204
International	4090
Total	<hr/> 83791

Statistics / Statistiques

Total number of students represented / Nombre d'élèves: 39 336

Grade 7 / 7^e année (Sec. I)

Number of schools represented / Nombre d'écoles	994
Number of students represented / Nombre d'élèves	20 079
Average / Moyenne	96.15

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	1000	4.98
121 – 135	2326	11.58
106 – 120	3828	19.06
91 – 105	4392	21.87
76 – 90	3910	19.47
61 – 75	2498	12.44
≤ 60	2125	10.58

Grade 8 / 8^e année (Sec. II)

Number of schools represented / Nombre d'écoles	914
Number of students represented / Nombre d'élèves	19 257
Average / Moyenne	91.17

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
136 – 150	638	3.30
121 – 135	1527	7.89
106 – 120	3372	17.42
91 – 105	4189	21.64
76 – 90	4126	21.32
61 – 75	2841	14.68
≤ 60	2664	13.76

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
Arjun	Arawindan	University of Toronto Schools
Katiyayni	Balachandrar	Ontario Int'l Institute
Jin Hoon	Bang	St. Faustina E.S.
Erica Nadeau	Bergeron	Joan of Arc Academy
Luke	Brueton-Campbell	St. John's-Ravenscourt School
Jessica	Chan	Crosby Heights P.S.
Caitlin	Chang	St. Ignatius Gifted Centre
JingWen	Cheng	Olympiads School
Jonathan	Cheng	Crosby Heights P.S.
Justin	Cheung	Crescent School
Andrew	Choi	Ocean Cliff E.S.
Billy	Chou	H.T. Thrift E.S.
Alexandra	Chun	The Halifax Grammar School
Tiffany	Chung	University of Toronto Schools
Glen	Ci	Sir William Osler E.S.
Matthew	Crème	Bialik High School
Anqi	Dong	Greystone Heights
Jack	Feng	Churchill Heights P.S.
Tal	Friedman	Glen Shields P.S.
Lini	Gao	Glen Shields P.S.
Anojh	Gnanachandran	David Leeder M.S.
Aaron	Goldberg	Associated Hebrew Schools
Lincoln	Guo	University of Toronto Schools
Zachary	Haboucha	Royal West Academy
Harry	He	Brentwood Park S.S.
Morgan	He	K-W Bilingual School
Julia	Ho	Fraser Wood E.S.
Lilian	Ho	Willowbrook P.S.
Sunny	Ho	Our Lady of Perpetual Help School
Jinyoung Tina	Hur	Silver Stream P.S.
Bilal	Islah	Central Park P.S.
Kevin	Jia	University of Toronto Schools
Nancy	Khuu	St. Margaret's P.S.
Rachel	Kieft	Covenant Christian School
Dennis	Kim	Crestwood School
Emma	Kowal	Cosburn M.S.
Monika	Kuklinski	Jean Vanier Catholic School
Fred	Kwon	Dixon Grove Jr. M.S.
Peter	Kwon	Crosby Heights P.S.
Jeremy	Lai	Camilla Rd. SN. P.S.
Tian	Lan	Deer Park P.S.
Chalini	Lankage	University of Toronto Schools
Katie	Lawrence	University of Toronto Schools
Cynthia	Lee	Willowbrook P.S.
Jason	Lee	Thomas Street M.S.
Karen	Lee	Willowbrook P.S.
Frank	Li	University of Toronto Schools
Mary	Li	Grandview Heights E.J.H.S.
Robert	Lin	Deer Park P.S.
Leting	Liu	Homelands Sr. P.S.
Patrick	Lung	University of Toronto Schools
Grace	Luo	University of Toronto Schools
Michael	MacDonald	Woodland P.S.
Alexander	MacLean	Woodland P.S.
Alex	Maggs	Elora P.S.

Name/Nom		School/École	Location/Endroit
Jonathan	Mak	Thomas Street M.S.	Mississauga, ON
Cole	Mauws	Linden Meadows	Winnipeg, MB
Lauren	Morse	Hillcrest P.S.	Mississauga, ON
Shailaja	Nadarajah	John G. Althouse P.S.	Toronto, ON
Hao	Nan	Collge Jean-de-Brbeuf	Montreal, QC
Cory	Nashen	Bialik High School	Montreal, QC
Tahsin	Noman	St. Margaret's P.S.	Westhill, ON
Michael	Noseworthy	Brant Hills School	Burlington, ON
Benjamin	Olden-Cooligan	Deer Park P.S.	Toronto, ON
Alycia	Pang	Thomas Street M.S.	Mississauga, ON
Brent	Parker	Fern Hill School	Oakville, ON
Gregory	Parkington	Southdale P.S.	Strathroy, ON
Swapnil	Patel	Dixon Grove Jr. M.S.	Toronto, ON
Danielle	Peters	United Synagogue Day School	Toronto, ON
Grace	Power	Bicentennial School	Dartmouth, NS
Madison	Price	Chantrell Creek E.S.	Surrey, BC
Jing	Pu	Collge Jean-de-Brbeuf	Montreal, QC
Jeremie	Quek	River Oaks P.S.	Oakville, ON
Mackenzie	Richardson	Fern Hill School	Oakville, ON
Matthew	Robinson	St. Joseph-Scollard Hall	North Bay, ON
Brandon	Sanderson	Our Lady of Perpetual Help School	Vancouver, BC
Harrison	Schneidman	Royal West Academy	Montreal Ouest, QC
Alisha	Sealey	Elora P.S.	Elora, ON
Monta	Shen	Bayview M.S.	North York, ON
Ahnjana	Sinnathurai	Laurenhill Academy	St. Laurent, QC
Vladimir	Tanas	John G. Althouse M.S.	Toronto, ON
Si Tue	Tong	E.S. Paul Gerin-Lajoie d'Outremont	Outremont, QC
Ryle	Unger	Acadia J.H.S.	Winnipeg, MB
Bryan	Wan	Greystone Heights	Saskatoon, SK
Charline	Wan	University of Toronto Schools	Toronto, ON
Kate	Wang	Adrienne Clarkson P.S.	Richmond Hill, ON
Mike	Wang	Olympiads School	North York, ON
Milly	Wang	Pierre Laporte M.S.	Toronto, ON
Mitchell	Wiebe	Kwaleen E.S.	Williams Lake, BC
Annette	Wong	Cummer Valley M.S.	North York, ON
Frederick	Wong	University of Toronto Schools	Toronto, ON
Jay Young	Woo	Matthews Hall	London, ON
Bill	Wu	Buttonville P.S.	Markham, ON
William	Xi	Sir William Osler E.S.	Vancouver, BC
Bo	Yang	Collge Jean-de-Brbeuf	Montreal, QC
Sarah	Yang	Windsor Elementary	Burnaby, BC
Zachary	Yang	Zion Heights J.H.S.	Toronto, ON
Linlei	Ye	Simon Fraser J.H.S.	Calgary, AB
Dagmar	Yu	Glenhaven Senior P.S.	Mississauga, ON
Henry	Zhou	Bayview M.S.	North York, ON

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

Perfect scores of 150

Name/Nom		School/École	Location/Endroit
Michelle	Begin-Major	Joan of Arc Academy	Ottawa, ON
Ana Andreea	Berbecaru	E.S. Paul Gerin-Lajoie d'Outremont	Outremont, QC
Gary	Chan	Moscrop S.S.	Burnaby, BC
Rebecca	Chan	E.J. Sand P.S.	Thornhill, ON
Terrence	Charles	E.S. Paul Gerin-Lajoie d'Outremont	Outremont, QC
Kevin	Chen	Cummer Valley M.S.	North York, ON
Stephen	Cheng	Burnaby Mountain S.S.	Burnaby, BC
Bennett	Cheung	Burnaby Central S.S.	Burnaby, BC
Guillaume	Cheung	Dublin Heights E.M.S.	North York, ON
Jonathan	Chiang	Upper Canada College	Toronto, ON
Jessica	Chien	Town Centre Montessori School	Markham, ON
Brian	Chung	West Vancouver S.S.	West Vancouver, BC
Allan	Cox	Truro Jr. H.S.	Truro, NS
David	Cui	Sir. Winston Churchill S.S.	Vancouver, BC
Will	Cullen	St. Andrews J.H.S.	North York, ON
Frederick	Ding	King Edward Jr. and Sr. School	Toronto, ON
Ted	Eaton	Arthur A. Leach School	Winnipeg, MB
Kevin	Fan	Moscrop S.S.	Burnaby, BC
Matthew	Favaro	St. Gregory the Great Academy	Woodbridge, ON
Sharon	Feng	Simon Fraser J.H.S.	Calgary, AB
Benoit	Fournier	Collge Jean-de-Brbeuf	Montreal, QC
Marky	Freeman	Associated Hebrew Schools	Toronto, ON
Scott	Goddard	St. Andrews J.H.S.	North York, ON
Suzanne	Gonsalves	Blessed Trinity Gifted Program	North York, ON
Viktor	Grabovskyy	Aurora Senior P.S.	Aurora, ON
Ian	Greig	John G. Althouse M.S.	Etobicoke, ON
Elizabeth	Griffin	Sir. Winston Churchill S.S.	Vancouver, BC
ChengCheng	Gui	St. John's-Ravenscourt School	Winnipeg, MB
Robert	Guo	University of Toronto Schools	Toronto, ON
Michael	Ha	Upper Canada College	Toronto, ON
Eric	Han	Bayview M.S.	North York, ON
Henry	Harfouche	E.S. Etienne-Brule	North York, ON
Medina	Hicheur	E.S. Paul Gerin-Lajoie d'Outremont	Outremont, QC
Peter	Huang	Queenston Drive P.S.	Mississauga, ON
Toby	Huang	John G. Althouse M.S.	Etobicoke, ON
Michael	Hutter	Bayview Fairways	Thornhill, ON
Heinrich	Jiang	John Campbell School	Windsor, ON
Mitchell	Johnston	Crescent School	Toronto, ON
Shakil	Kanji	William G. Davis Sr. P.S.	Brampton, ON
David Hyungki	Kim	University Hill S.S.	Vancouver, BC
Edward	Kim	St. George's School	Vancouver, BC
Eric	Kim	Windfield J.H.S.	Toronto, ON
James	Kim	Greenhill Village Academy	Thornhill, ON
Seong	Kim	Matthews Hall	London, ON
Erika	Kwon	Charles Howitt P.S.	Richmond Hill, ON
Alison	Lee	E.C. J. L. Couroux	Carleton Place, ON
Andy Hung-Yi	Lee	St. George's School	Vancouver, BC
Nicole	Lengies	Westheights P.S.	Kitchener, ON
Jianneng	Li	Bayview M.S.	North York, ON
Junlan	Li	Cedarview M.S.	Nepean, ON
Albert	Liao	St. John's-Ravenscourt School	Winnipeg, MB
Frank	Lin	Ideal Mini School	Vancouver, BC
Samuel	Lin	Burnaby North S.S.	Burnaby, BC
Michael	Lipton	Associated Hebrew Schools	Toronto, ON
Jackie	Liu	Sir William Osler E.S.	Vancouver, BC
John	Liu	Silver Springs P.S.	Scarborough, ON

Name/Nom		School/École	Location/Endroit
Richard	Liu	University of Toronto Schools	Toronto, ON
James	Lu	Churchill Heights P.S.	Scarborough, ON
George	Ma	St. George's School	Vancouver, BC
Stuart	Macdonald	Roberta Bondar P.S.	Ottawa, ON
Jessie	Mao	Town Centre Montessori School	Markham, ON
Qaasim	Mian	Grandview Heights E.J.H.S.	Edmonton, AB
Gaia	Moravcik	Westgate Mennonite C.I.	Winnipeg, MB
Crystal	Ng	H. G. Bernard P.S.	Richmond Hill, ON
Matthew	Nguyen	Thomas Street M.S.	Mississauga, ON
Talis	Nguyen-Brics	Robert H. Lagerquist Sr. P.S.	Brampton, ON
John	Park	Upper Canada College	Toronto, ON
Soohyun	Park	University of Toronto Schools	Toronto, ON
Brandon	Parsons	Exploits Valley Intermediate	Grandfalls-Windsor, ON
Michael	Pu	St. Andrews J.H.S.	North York, ON
Anita	Raj	Centennial Regional H.S.	Greenfield Park, QC
Luc	Ryu	John G. Althouse M.S.	Etobicoke, ON
Jerry	She	Britannia S.S.	Vancouver, BC
Steven	Sherman	Woodland P.S.	Thornhill, ON
Annie	Shi	Camilla Rd. Sr. P.S.	Mississauga, ON
Sherry	Shi	C.R. Marchant M.S.	Toronto, ON
Nijan	shirangathas	Annette St. P.S.	Toronto, ON
Katherine	Silins	Vincent Massey P.S.	Ottawa, ON
Michael	Sproule	Cummer Valley M.S.	North York, ON
Suraj	Srinivasan	Acadia J.H.S.	Winnipeg, MB
Kiel	Strang	Sunshine Coast Alternative School	Gibsons, BC
Kieran	Strobel	St. John's-Ravenscourt School	Winnipeg, MB
Praveena	Thirunathan	David Thompson S.S.	Vancouver, BC
Vicky	Tong	Lord Byng S.S.	Vancouver, BC
Taavo	Tralla	King Edward Jr. and Sr. School	Toronto, ON
Harry	Wang	Zion Heights J.H.S.	Toronto, ON
Helen	Wang	Sir Ernest Macmillan S.P.S.	Scarborough, ON
Lisa	Wang	Grandview Heights E.J.H.S.	Edmonton, AB
Neil	Warnock	Glashan P.S.	Ottawa, ON
Jordan	Wilson	New Westminster S.S.	New Westminster, BC
Brandon	Wong	Burnaby North S.S.	Burnaby, BC
Elvis	Wong	University of Toronto Schools	Toronto, ON
Adrian	Wu	University of Toronto Schools	Toronto, ON
Alice	Wu	University of Toronto Schools	Toronto, ON
Dean	Wu	Broadview P.S.	Ottawa, ON
Tengzi	Wu	Bayview M.S.	North York, ON
Wayne	Xi	Bayview M.S.	North York, ON
Karren	Yang	Henry Kelsey S.P.S.	Scarborough, ON
Ashish	Yelekar	Frenchman's Bay P.S.	Pickering, ON
Jonathan	Yep	Agnes MacPhail P.S.	Scarborough, ON
Fan	Yin	John Campbell School	Windsor, ON
Sung	Yong Baik	Greenhill Village Academy	Thornhill, ON
Youngho	Yoo	Windfield J.H.S.	Toronto, ON
Joe	Zeng	Zion Heights J.H.S.	Toronto, ON
Claire	Zhang	Vincent Massey S.S.	Windsor, ON
Cyril	Zhang	Zion Heights J.H.S.	Toronto, ON
Helen	Zhang	H. G. Bernard P.S.	Richmond Hill, ON
Kathy	Zhang	Thomas Street M.S.	Mississauga, ON
Xiao Cheng	Zhang	Collge Jean-de-Brbeuf	Montreal, QC
Zhihao	Zhang	Wilfrid Jury P.S.	London, ON
Ananda	Zhu	Thomas Street M.S.	Mississauga, ON
Aaron	Zink	Northlake Woods	Waterloo, 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
Arvin Wilson	Alba	Mathematics Trainers Guild	Zamboanga City, Philippines
Raghu	Arghal	I.C.A.E.	Troy, MI
Neil Jordan Goy	Chua	Mathematics Trainers Guild	Zamboanga City, Philippines
Abigail	De Guzman	Mathematics Trainers Guild	Zamboanga City, Philippines
Brendon	Go	Mathematics Trainers Guild	Zamboanga City, Philippines
Ryan	Kor	Math Oasis Mind Gym	Singapore
Amanda Wai Yin	Lee	Math Oasis Mind Gym	Singapore
Matthew	Ng	Mathematics Trainers Guild	Zamboanga City, Philippines
Yui Sum	Poon	Diocesan Girls' School	Kowloon, Hong Kong
Nobuhiro	Roppongi	U.W.C. South East Asia	Singapore
Amiel	Sy	Mathematics Trainers Guild	Zamboanga City, Philippines
Kurt	Uy	Mathematics Trainers Guild	Zamboanga City, Philippines
Emily Sarah	Webster	U.W.C. South East Asia	Singapore
Nathanael Zhixin	Wong	Math Oasis Mind Gym	Singapore

**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
Disha	Bora	I.C.A.E.	Troy, MI
Yik Lok	Chung	Diocesan Girls' School	Kowloon, Hong Kong
Adrain Raphael	Co	Mathematics Trainers Guild	Zamboanga City, Philippines
Immanuel	Encarnacion	Mathematics Trainers Guild	Zamboanga City, Philippines
Vivek	Jain	U.W.C. South East Asia	Singapore
Randy	Jia	I.C.A.E.	Troy, MI
Sunjay	Josyula	I.C.A.E.	Troy, MI
Dae Young	Kim	U.W.C. South East Asia	Singapore
Hee-Jung	Kim	International School Hamburg	Hamburg, Germany
Anne	Lajari	I.C.A.E.	Troy, MI
Carmela Antoniette	Lao	Mathematics Trainers Guild	Zamboanga City, Philippines
Aldric Cristoval	Reyes	Mathematics Trainers Guild	Zamboanga City, Philippines
Lin	Si Jie	Math Oasis Mind Gym	Singapore
Wooyoung	Song	International School of Geneva	Geneva, Switzerland
Brahadheeshwar	Sundararaju	I.C.A.E.	Troy, MI
Marquis Alexandre	Tan	Mathematics Trainers Guild	Zamboanga City, Philippines
Fumitaka	Togo	International School of Geneva	Geneva, Switzerland
Saketh	Tummala	I.C.A.E.	Troy, MI
John Russell	Virata	Mathematics Trainers Guild	Zamboanga City, Philippines
Zheng Rong	Wu	Mathematics Trainers Guild	Zamboanga City, Philippines
Koh	Yong En	Math Oasis Mind Gym	Singapore