2006 2006 Results Résultats

Gauss Contests

(Grades 7 & 8)

Concours Gauss

 $(7^{\rm e}~{
m et}~8^{
m e}~{
m ann\'{e}es}-{
m Sec.}~{
m I}~{
m et}~{
m II})$

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David Switzer, Sixteenth Ave. P.S., Richmond Hill, ON

Tanya Thompson, Collingwood C.I., Collingwood, ON

Chris Wu, Elia M.S., Toronto, 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 Canadian Mathematics Competition and the Centre for Education in Mathematics and Computing. The 2006 offering of these Contests drew an enrollment of almost 87 000, mainly from Canadian schools, but also including some international schools.

The summary of results found in these pages is complied 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 marks on each of the two Contests increased from 2005 to 2006: on the Grade 7 contest, from 86.22 to 89.87, and on the Grade 8, from 98.77 to 101.52. Both results are outstanding, and we hope that future papers will continue to garner similar 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 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 2006, ces concours ont mené à une inscription d'un peu plus de 87 000 étudiants, principalement d'écoles canadiennes mais incluant quelques 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 de chaqu'un des deux concours à augmenté de 2005 à 2006 : dans le concours de 7^e année, de 86,22 à 89,87 et pour la 8^e année de 98,77 à 101.52. Les deux résultats sont très bons, et nous espérons que les concours futurs continueront à représenter des tels résultats.

Comme cela a toujours été dans le passé, le but primaire du concours est de donné 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, apparaître dans les listes futures de participants.

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

	Enrollment/
	Inscription
NL	1768
NS	1717
NB	390
PE	140
QC	7527
ON	49857
MB	1362
SK	369
AB	5851
BC	14157
International	3057
Total	86195

Statistics / Statistiques

Total number of students represented / Nombre d'élèves: 26608

Grade 7 / 7^e année (Sec. I)

Number of schools represented / Nombre d'écoles
Number of students represented / Nombre d'éléves
Average / Moyenne

659
14760
89.87

Marks	Number of Students	Approximate Percentage of Students
Points	Nombre d'élèves	Pourcentage approximatif du nombre d'élèves
136 - 150	463	3.14
121 - 135	1256	8.51
106 - 120	2569	17.41
91 - 105	3063	20.75
76 - 90	3214	21.78
61 - 75	2344	15.88
≤ 60	1851	12.54

Grade $8 / 8^{e}$ année (Sec. II)

Number of schools represented / Nombre d'écoles Number of students represented / Nombre d'éléves 11848 Average / Moyenne 101.52

Marks	Number of Students	Approximate Percentage of Students
Points	Nombre d'élèves	Pourcentage approximatif du nombre d'élèves
136 - 150	660	5.57
121 - 135	1814	15.31
106 - 120	2837	23.94
91 - 105	2641	22.29
76 - 90	2028	17.12
61 - 75	1122	9.47
≤ 60	746	6.30

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

Perfect scores of 150 / Notes parfaites de 150

Name/Nom		$School/\acute{E}cole$	Location/Endroit
Mark	Adams	Broadview P.S.	Ottawa, ON
Jayne	Alexander	Ocean Cliff E.S.	Surrey, BC
Jin Hoon	Bang	St. Faustina E.S.	Mississauga, ON
David	Berardo	Laurenhill Academy	St. Laurent, QC
Andreea	Berbecaru	E.S. Paul-Gerin-Lajoie d'outremont	Outremont, QC
Liane	Bernstein	Lower Canada College	Montreal, QC
Michael	Brannen	Stephen Leacock P.S.	Kanata, ON
Jenny	Cha	Glenlyon School	Victoria, BC
Desmond	Chan	William Berczy P.S.	Unionville, ON
Irene	Cheng	University of Toronto Schools	Toronto, ON
Billy	Cheung	St. Justin Martyr C.S.	Unionville, ON
Daniel	Chong	Fraser Wood E.S.	Surrey, BC
Alexandra	Chun	Halifax Grammar School	Halifax, NS
Amalia	Cong	John Buchan Senior P.S.	Toronto, ON
Anqi	Dong	Greystone Heights School	Saskatoon, SK
Conrad	Doyon	Ocean Cliff E.S.	Surrey, BC
Jason	Elzinga	Beamsville District S.S.	Beamsville, ON
Adrian	Ferguson	Glenlyon School	Victoria, BC
Victor	Foo	University of Toronto Schools	Toronto, ON
Benjamin	Foppa	William Berczy P.S.	Unionville, ON
Olivia	Fullerton	Hillcrest P.S.	Mississauga, ON
Egor	Gagin	Crosby Heights P.S.	Richmond Hill, ON
Lisa	Gao	Glen Shields P.S.	Concord, ON
Brody	Geoghegan	Ocean Cliff E.S.	Surrey, BC
Elizabeth	Griffin	David Lloyd George E.S.	Vancouver, BC
Andy	Han	The Valleys Sr. P.S.	Mississauga, ON
Alexander	Harrison	Ocean Cliff E.S.	Surrey, BC
Cindy	Hong	Humber Valley Village Jr. M.S.	Etobicoke, ON
Shane	Hui	G.A. Brown H.S.	Toronto, ON
Henrich	Jiang	Hon. Vincent Massey S.S.	Windsor, ON
Jason	Kim	Roselawn P.S.	Richmond Hill, ON
Emma	Kowal	Cosburn M.S.	Toronto, ON
Fabian	Kwan	St. Justin Martyr C.S.	Unionville, ON
Tian	Lan	Deer Park P.S.	Toronto, ON
Mark	Lee	Ocean Cliff E.S.	Surrey, BC
Nicole	Lengies	Westheights P.S.	Kitchener, ON
Kevin	Li	Katimavik E.S.	Kanata, ON
Steven	Li	The Woodlands School	Mississauga, ON
Robert	Lin	Deer Park P.S.	Toronto, ON
Jackie	Liu	Sir William Osler E.S.	Vancouver, BC
Jamin	Liu	K.B. Woodward E.S.	Surrey, BC
Joseph	Liu	Crosby Heights P.S.	Richmond Hill, ON
Brent	Lowry	Tempo School	Edmonton, AB
Nelson	Lu	Nelson E.S.	Burnaby, BC
Jen	Martinoski	Redwater School	Redwater, AB
Md. Rayun	Mehrab	Samuel Hearne Sr. P.S.	Toronto, ON
Xin	Ning	Zion Heights J.H.S.	North York, ON
Tasim	Noman	St. Margaret's P.S.	West Hill, ON
Benjamin	Olden-Cooligan	Deer Park P.S.	Toronto, ON
Brent	Parker	Fern Hill School	Oakville, ON
Jeremie	Quek	River Oaks P.S.	Oakville, ON
Mackenzie	Richardson	Fern Hill School	Oakville, ON
Sean	Ridout	Windfields J.H.S.	Toronto, ON

Name/Nom		School/École	Location/Endroit
Illya	Semenkov	E.J. Sand P.S.	Thornhill, ON
Cameron	Seth	Salem P.S.	Elora, ON
Monta	Shen	Bayview M.S.	North York, ON
James	Stewart	Westmount Charter School	Calgary, AB
Vivek	Subbayya	John G. Althouse M.S.	Toronto, ON
Meena	Sundararaj	Broadview P.S.	Ottawa, ON
Daniel	Tao	Thomas Street M.S.	Mississauga, ON
Joel	Tham	Dolphin Sr. P.S.	Mississauga, ON
Don	Truong	David Leeder M.S.	Mississauga, ON
Jacob John	Varun	Henderson Avenue P.S.	Thornhill, ON
Suseelan	Vigneswaran	Churchill Heights P.S.	Scarborough, ON
Bryan	Wan	Greystone Heights School	Saskatoon, SK
Hai Yan	Wang	Churchill Heights P.S.	Scarborough, ON
Harry	Wang	Zion Heights J.H.S.	North York, ON
Peggy	Wang	Forest Hill Jr. & Sr. P.S.	Toronto, ON
Stephen	Wang	Katimavik E.S.	Kanata, ON
Daniel	Woo	Ocean Cliff E.S.	Surrey, BC
Ruiwen	Wu	University of Toronto Schools	Toronto, ON
Jay Young	Woo	Matthews Hall	London , ON
Lauren	Wylie	Glenlyon School	Victoria, BC
Hank	Xu	Pleasant View J.H.S.	North York, ON
Sophia	Ykema	Ocean Cliff E.S.	Surrey, BC
Cheng	Zeng	The Woodlands School	Mississauga, ON
Tiger	Zheng	Hon. Vincent Massey S.S.	Windsor, ON
Henry	Zhou	Bayview M.S.	North York, ON
Kerry	Zhu	Macklin 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
Anagayan	Ariaran	Macklin P.S.	Scarborough, ON
Ali Shan	Artani	G.A. Brown H.S.	Toronto, ON
Sung Yong	Balk	Pushkin Private School	Thornhill, ON
Chris	Barnes	Coronation P.S.	Oshawa, ON
Michelle	Bégin-Major	Joan of Arc Academy	Ottawa, ON
Julien	Bergeron	FACE	Montreal, QC
Brian	Bi	Churchill Heights P.S.	Scarborough, ON
Alexander	Burden	Royal Oak M.S.	Victoria, BC
Andrew	Cham	Sir Winston Churchill S.S.	Vancouver, BC
Gary	Chan	Moscrop S.S.	Burnaby, BC
Samatha	Chan	Ruth Thompson M.S.	Mississauga, ON
Rayna	Chandwia	Havergal College	Toronto, ON
Alvin	Chauhan	Windermere S.S.	Vancouver, 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
Peter	Chien	Southwold P.S.	St. Thomas, ON
Jushin	Choi	Semiahmoo S.S.	Surrey, BC
Sherry	Chu	Stephen Leacock P.S.	Kanata, ON
Catherine	Chung	Orchard Park P.S.	London, ON
Will	Cullen	St. Andrews J.H.S.	North York, ON
Jennifer	Darling	Rockride S.S.	West Vancouver, BC
Bertrand	Desrochers	FACE	Montreal, QC
Nicholas	DiGiorgio	Lower Canada College	Montreal, QC
Ciaran	Dunn	King's Edgehill School	Windsor, ON
Pirave	Eahalaivan	Laurentian Sr. P.S.	Kitchener, ON
Steven	Fagen	Lower Canada College	Montreal, QC
Golden	Gao	Wm. G. Davis P.S.	Cambridge, ON
Mai	Ghannam	Hon. Vincent Massey S.S.	Windsor, ON
Kristijan	Gjorgjevik	St. Michael's University School	Victoria, BC
Scott	Goddard	St. Andrews J.H.S.	North York, ON
Suzanne	Gonsalves	Blessed Trinity Gifted Program	North York, ON
ChengCheng	Gui	St. John's-Ravenscourt School	Winnipeg, MB
John	Guo	John Ware J.H.S.	Calgary, AB
Michael	На	Upper Canada College	Toronto, ON
Willem	Hall	Cookstown Central P.S.	Cookstown, ON
Henry	Harfouche	E.S. Étienne-Brulé	North York, ON
Jessica	Hoang	Templeton S.S.	Vancouver, BC
Nancy	Hui	Churchill Heights P.S.	Scarborough, ON
Victor	Hung	St. George's School	Vancouver, BC
Daniel Nicholog	Ibanez	John G. Althouse M.S.	Toronto, ON
Nicholas	Juras	North Surrey S.S.	Surrey, BC
Shivani Billy	Kamdar Kim	Churchill Heights P.S. St. George's School	Scarborough, ON Vancouver, BC
James	Kim	Pushkin Private School	Thornhill, ON
David	Kong	Lyndwood P.S.	Mississauga, ON
Lowell	Kwan	Zion Heights J.H.S.	North York, ON
Jason	Kwok	University of Toronto Schools	Toronto, ON
Richard Yong Sung	Kwon	North Surrey S.S.	Surrey, BC
Alison	Lee	E.C. JL. Couroux	Carleton Place, ON
Jianneng	Li	Bayview M.S.	North York, ON
Jonathan	Li	Crescent School	Toronto, ON
Lingfei	Li	Pleasant View J.H.S.	North York, ON
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NT /NT		a. 1/ 6 1	T / 'T 1 '/
Name/Nom	т•	School/École	Location/Endroit
Nigel	Li	Sir Winston Churchill S.S.	Vancouver, BC
Shari	Li	Broadview P.S.	Ottawa, ON
Cathy	Lian	Milne Valley M.S.	Toronto, 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
John	Liu	Silver Springs P.S.	Scarborough, ON
Tao	Liu	Vincent Massey C.I.	Montreal, QC
Ellen	Lloyd	John Ware J.H.S.	Calgary, AB
Melissa	Lucas	Broadview P.S.	Ottawa, ON
Graham	Mann	Centre Consolidated School	Lunenburg, NS
Tommy	Marceau	E.S. Francois-Bourrin	Beauport, QC
Wesley	McKenzie	Cobden District P.S.	Cobden, ON
Garrick	Mok	Bayview Hill E.S.	Richmond Hill, ON
Dan	Muirhead	John G. Althouse M.S.	Toronto, ON
Kyle	Mundell	Spencer Valley School	Greensville, ON
Vinh-Kang	Nguyen-Huu	Thomas Street M.S.	Mississauga, ON
Keifer	O'Connor	St. John's-Ravenscourt School	Winnipeg, MB
David	Pan	Henry Hudson Sr. P.S.	Scarborough, ON
Wei	Pang	Glenhaven Sr. P.S.	Mississauga, ON
John	Park	Upper Canada College	Toronto, ON
Aurick	Qiao	Hon. Vincent Massey S.S.	Windsor, ON
Yubo	Qui	Keys P.S.	Deep River, ON
Jenny	Quian	John G. Althouse M.S.	Toronto, ON
Nirosani	Rahunathan	Ontario International Institute	Scarborough, ON
Micahel	Rzepecki	St. Marguerite d'Youville	Oakville, ON
Paul	Sacawa	Thomas Street M.S.	Mississauga, ON
Mikey	Samra	Bialik H.S.	Cote St. Luc, QC
Marie-Annie	Saucier	Collège St-Charles Garnier	Quebec City, QC
Justin	See	Frenchman's Bay P.S.	Pickering, ON
Brandon	Seol	Semiahmoo S.S.	Surrey, BC
Chao	Sheng	Pleasant View J.H.S.	North York, ON
Naoya	Shatani	Lower Canada College	Montreal, QC
Henry	Shi	Thomas Street M.S.	Mississauga, ON
Forte	Shinko	Kitsilano S.S.	Vancouver, BC
Kieran	Strobel	St. John's-Ravenscourt School	Winnipeg, MB
Bowen	Su	Windermere S.S.	Vancouver, BC
Chen	Sun	Orchard Park P.S.	London, ON
Jeff	Sun	St. George's School	Vancouver, BC
Tommy	Tam	Fairwind Sr. P.S.	Mississauga, ON
Larry	Tang	St. George's School	Vancouver, BC
Matthew	Thomason	Frenchman's Bay P.S.	Pickering, ON
Samuel	Tsai	West Vancouver S.S.	West Vancouver, BC
Aditya	Varambally	Dolphin Sr. P.S.	Streetsville, ON
Ryan	Wan	Bayview Hill E.S.	Richmond Hill, ON
Linda	Wang	John G. Althouse M.S.	Toronto, ON
Richard	Wang	Eric Hamber S.S.	Vancouver, BC
Shen	Wang	Lord Byng S.S.	Vancouver, BC
Chen (Frank)	Wei	Agnes Macphail P.S.	Scarborough, ON
Louise	Wei	Terry Fox P.S.	Agincourt, ON
Adam	Williams	William G. Davis Sr. P.S.	
Brandon			Brampton, ON
	Wong	Burnaby North S.S.	Burnaby, BC
Brandon	Wong	Point Grey S.S.	Vancouver, BC
Koksum	Wong	Elia M.S.	North York, ON
Janice Visaban	Woo	University of Toronto Schools	Toronto, ON
Yuchen	Wu	Broadview P.S.	Ottawa, ON

Name/Nom		School/École	Location/Endroit
Helen	Xie	Simon Fraser J.H.S.	Calgary, AB
Lydia	Xing	Dolphin Sr. P.S.	Streetsville, ON
Andrew	Xue	Broadview P.S.	Ottawa, ON
Steven	Yang	Fairwind Sr. P.S.	Mississauga, ON
Norman	Yau	University of Toronto Schools	Toronto, ON
Bill	Zhang	Kitsilano S.S.	Vancouver, BC
Roger	Zhang	Sir Winston Churchill S.S.	Vancouver, BC
Songbo	Zheng	Wm. G. Davis P.S.	Cambridge, ON
Daniel	Zhou	Dolphin Sr. P.S.	Streetsville, ON
Steven	Zhu	Sir Winston Churchill S.S.	Vancouver, BC
Zack	Zinger	Bialik H.S.	Cote St. Luc, QC

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

Nan	ne/Nom		School/Ecole	${f Location/Endroit}$
Ujwa	al	Bharath	I.C.A.E.	Troy, MI
Roh	it	Bollineni	I.C.A.E.	Troy, MI
Dish	a	Bora	I.C.A.E.	Troy, MI
Mall	ik	Guduguntla	I.C.A.E.	Troy, MI
Vive	k	Jain	U.W.C. South East Asia	Singapore
Visa	kan	Jayakumar	I.C.A.E.	Troy, MI
Ran	dy	Jia	I.C.A.E.	Troy, MI
Sunj	ay	Josyula	I.C.A.E.	Troy, MI
Carr	nela	Lao	Mathematics Trainers Guild	Zamboanga City, Philippines
Davi	id	Lu	I.C.A.E.	Troy, MI
Sai		Prasanna Namuduri	I.C.A.E.	Troy, MI
Rish	i	Purekar	I.C.A.E.	Troy, MI
Sake	$^{ m th}$	Tummala	I.C.A.E.	Troy, MI
Ama	nda Lee	Wai Yin	Math Oasis Mind Gym	Singapore
Phili	ip	Wong	Chinese Int'l School	Braemar Hill, Hong Kong

Perfect scores of 150 for Grade 8 Students / Notes parfaites de 150 pour les élèves de $8^{\rm e}$ année (Sec. II)

Name/Nom		School/École	Location/Endroit
Akshay	Amin	I.C.A.E.	Troy, MI
Ka-Hin	Chan	Chinese Int'l School	Braemar Hill, Hong Kong
Nikhil	Chavali	I.C.A.E.	Troy, MI
Mimi	Chen	I.C.A.E.	Troy, MI
Daniel	Chern	I.C.A.E.	Troy, MI
Lucy	Du	I.C.A.E.	Troy, MI
Rigel Stewart	Espiritu	Mathematics Trainers Guild	Zamboanga City, Philippines
Baek	Jun Yel	Tianjin Int'l School	Tianjin, China
Vishakha	Kapoor	U.W.C. South East Asia	Singapore
Jaewon	Kim	I.C.A.E.	Troy, MI
Neil	Krishna Gurram	I.C.A.E.	Troy, MI
Kim	Kyung Sub	Tianjin Int'l School	Tianjin, China
Evan	Lao	Mathematics Trainers Guild	Zamboanga City, Philippines
$_{ m Julia}$	Lee	Tianjin Int'l School	Tianjin, China
Randy	Li	I.C.A.E.	Troy, MI
Estelle	Morin	U.W.C. South East Asia	Singapore
Janani	Naidu	I.C.A.E.	Troy, MI
Patrick Adrian	Ong	Mathematics Trainers Guild	Zamboanga City, Philippines
Avinash	Rao	U.W.C. South East Asia	Singapore
Teja	Ravipati	I.C.A.E.	Troy, MI
Allen	Shen	I.C.A.E.	Troy, MI
Jillian Kristel	Sy	Mathematics Trainers Guild	Zamboanga City, Philippines
Dann Julius	Tan	Mathematics Trainers Guild	Zamboanga City, Philippines
Eldridge	Tan	Mathematics Trainers Guild	Zamboanga City, Philippines
Marquis	Tan	Mathematics Trainers Guild	Zamboanga City, Philippines
Jerome	Uy Chua	Mathematics Trainers Guild	Zamboanga City, Philippines
Matthew	Vengalil	I.C.A.E.	Troy, MI
Sherwin	Wu	I.C.A.E.	Troy, MI
Akshar	Wunnava	I.C.A.E.	Troy, MI
Ken	Yoneda	U.W.C. South East Asia	Singapore
Koh	Yong En	Math Oasis Mind Gym	Singapore