

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

2003 Results

Pascal Contest
(Grade 9)

Cayley Contest
(Grade 10)

Fermat Contest
(Grade 11)

for the

**The CENTRE for EDUCATION in
MATHEMATICS and COMPUTING**

Awards

C.M.C. Sponsors:
Avec la contribution de :



2003 Résultats

Concours Pascal
(9^e année – Sec. III)

Concours Cayley
(10^e année – Sec. IV)

Concours Fermat
(11^e année – Sec. V)

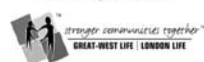
pour les prix

**Le CENTRE d'ÉDUCATION en
MATHÉMATIQUES et en INFORMATIQUE**

C.M.C. Supporters:
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Canadian Institute of Actuaries
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Sybase
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C.M.C. Contributors:
Avec l'appui de :

Manulife Financial
Financière Manuvie

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The Competition Organization

Organisation du Concours

Executive Committee / Comité exécutif

Barry Ferguson (Director / Directeur),
Peter Crippin, Ruth Malinowski, Ian VanderBurgh

Computer Operation / Ordinateur

Steve Breen, University of Waterloo
Don Cowan, University of Waterloo
Matthew Oliver, University of Waterloo

Publications / Publications

Preparation of Materials / Préparation du matériel

French Edition / Version française

Bonnie Findlay, University of Waterloo
Bonnie Findlay, University of Waterloo
André Ladouceur, Collège Catholique Samuel-Genest, Ottawa
Robert Laliberté, École secondaire publique Louis-Riel, Gloucester
Gérard Proulx, Collège catholique Franco-Ouest, Ottawa
Rodrigue St-Jean, École secondaire Embrun, Embrun
Joanne Kursikowski, Linda Schmidt, Kim Schnarr, Jennifer Kitchen, Kendra Sanders

Technical Assistants / Adjoins à la technique

Problems Committees / Comités des problèmes

Pascal Contest / Concours Pascal

Wally Webster, (Chair / président), Avon Maitland D.S.B., Seaforth
Lloyd Auckland, University of Waterloo, Waterloo
Monika Khbeis, Father Michael Goetz S.S., Mississauga
Ginger Moorey, Father Michael Goetz S.S., Mississauga
Jim Schurter, (retired / retraité) Listowel
Tyler Somer, Academy For Gifted Children - P.A.C.E., Richmond Hill
Anna Spanik, Halifax West H.S., Halifax

Canadian Open Mathematics Challenge / Défi ouvert canadien de mathématiques

Ian McGee, (Chair / président), University of Waterloo, Waterloo
Mike Eden, Preston District H.S., Cambridge
Gareth Griffith, University of Saskatchewan, Saskatoon
Mike Mosca, St. Jerome's University, Waterloo
Paul Schellenberg, University of Waterloo, Waterloo
Jeff Shifrin, (retired / retraité), Toronto
Daryl Tingley, University of New Brunswick, Fredericton
Bruce White, Vincent Massey S.S., Windsor

Cayley Contest / Concours Cayley

Susan Brooks, (Chair / président), Elmira District S.S., Elmira
Jeff Anderson, Forest Heights C.I., Kitchener
Tom Barker, Stratford Central S.S., Stratford
Todd Braithwaite, Vincent Massey S.S., Windsor
Charlotte Danard, Branksome Hall, Toronto
Rob Gleeson, Kincardine District S.S., Kincardine
Jack Koenka, Havergal College, Toronto

FGH Contest Committee /

Jim Nakamoto, (Chair / président), Sir Winston Churchill C.I., Vancouver
Don Curran, (retired / retraité), Oshawa
Rad de Peiza, (retired / retraité), Agincourt
André Ladouceur, (retired / retraité), Gloucester
Tino Lenti, Lo Ellen Park S.S., Sudbury
Peter O'Hara, Glendale H.S., Tillsonburg

Fermat Contest / Concours Fermat

Paul Fennell, (Chair / président), Oakridge S.S., London
Cliff Lelievre, Oakville Trafalgar High School, Oakville
Ruth Malinowski, University of Waterloo, Waterloo
Dean Murray, Milton D.H.S., Milton
Alexandru Pintilie, Crescent School, Willowdale
Dan Schnabel, Vaughan S.S., Thornhill
David Shepherd, Collingwood C.I., Collingwood

Problems Resource Committee /

Comité de gestion de la banque de problèmes

Ed Anderson, (retired / retraité), University of Waterloo, Waterloo
Lloyd Auckland, (retired / retraité), University of Waterloo, Waterloo
Ed Baumgart, (retired / retraité), Waterloo
Frank Rachich, (retired / retraité), Ingersoll

Validation Committee / Comité de validation

John Barsby, (retired / retraité), Winnipeg
Jean Collins, (retired / retraité), Thornhill
Tom Griffiths, (retired / retraité), London
Frank Rachich, (retired / retraité), Ingersoll
Larry Rice, University of Toronto Schools, Toronto

**The CENTRE for EDUCATION
in MATHEMATICS and
COMPUTING**



**Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et
en INFORMATIQUE**



Peter Crippin

The Centre for Education in Mathematics and Computing is proud to be the major sponsor of the Canadian Mathematics Competition this year. This is the 40th year that the contests have been written and we are very pleased to see that these activities, that began in a few schools in South Western Ontario in 1963, are now enjoyed by students across the country.

The Mathematical and Computer Sciences are enjoying incredible growth. New applications of mathematics are being developed to solve problems in all aspects of the physical and social sciences, business, industry, and medicine. Our hope is that the challenge of preparing for and writing these contests will help develop the next generation of mathematical problem solvers.

Congratulations to everyone who participated in this year's Pascal, Cayley or Fermat Contest. We hope to see you on the list of participants in future contests in both mathematics and computer science. In the meantime, keep working to develop your problem solving skills - the opportunities are tremendous!

Le Centre d'éducation en mathématiques et informatiques est fier d'être le répondant principal du concours canadien de mathématiques cette année. Cette année marque le 40^e anniversaire des concours et nous sommes très contents que ces activités, qui ont commencé avec seulement quelques écoles de l'Ontario sud-ouest en 1963, sont maintenant écrites par les étudiants à travers le pays.

Les sciences mathématiques et informatiques sont en train de réjouir d'un agrandissement incroyable. De nouvelles applications sont développées pour résoudre des problèmes en tous aspects de sciences physiques et sociaux, d'affaires, d'industrie et de la médecine. Nous espérons que le défi de préparer et d'écrire les concours aidera à développer la prochaine génération de résolveurs de problèmes canadiens.

Félicitations à tout le monde qui a participé aux concours Pascal, Cayley et Fermat cette année. Nous espérons de voir votre nom à la liste de participants aux concours de mathématiques et informatiques dans l'avenir. Jusqu'à ce temps, continuez à développer vos aptitudes-les opportunités sont incroyables!

Peter Crippin

Peter Crippin
Director.

Peter Crippin

Peter Crippin
Directeur

Canadian Mathematics Competition Concours canadien de mathématiques



Barry A. Ferguson

I am delighted with the results of this year's Pascal, Cayley, and Fermat competitions. Under the leadership of the Contest Committee co-chairs Peter Crippin and Ian VanderBurgh we have made the early and middle parts of the papers more accessible to a greater number of participants. This resulted in the average scores being higher than at any time in the past decade. I am extremely pleased with the results of this year's contest. The means of the Pascal, Cayley and Fermat were 83.4, 88.6 and 85.6 respectively. This is a very positive and encouraging result. In addition, there were 19 perfect scores on the Pascal and 4 on the Cayley. I applaud the contest committee for their efforts and have urged them to continue in this style.

Also to be applauded are the many teachers who registered, prepared, and supervised the thousands of students who participated in these contests. Without the time, energy, and organization of these teachers there would be no competitors, and thus no competition.

Finally, I thank everyone for their participation in the contests this year, especially the teachers who helped prepare the actual contests. In my capacity as Director, I look forward to continuing in support of your efforts on behalf of students.

Je suis très satisfait des résultats de l'édition 2002 des concours Pascal, Cayley et Fermat organisée par les coprésidents du comité des concours, Peter Crippin et Ian VanderBurgh. Cette année, on a rendu les parties introductive et intermédiaire des concours accessibles à un plus grand nombre de participants. Résultat : les notes moyennes sont les plus élevées depuis dix ans. C'est avec grand plaisir que j'ai accueilli les résultats obtenus aux concours de cette année. Les moyennes des concours Pascal, Cayley et Fermat étaient respectivement de 83,4, de 88,6 et de 85,6. Ces moyennes représentent un résultat très encourageant et positif. De plus, 19 élèves ont obtenu le maximum des points pour le concours Pascal et 4 pour le Cayley. Je félicite le comité des concours pour ses efforts et l'incite à poursuivre dans cette voie.

De plus, je tiens à féliciter le personnel enseignant qui s'est chargé de l'inscription, de la préparation et de la supervision des milliers de participants des concours et dont les efforts, le dévouement et le sens de l'organisation ont rendu cette entreprise possible.

En dernier lieu, je tiens à remercier toutes les personnes de leur participation au concours cette année, surtout les professeurs qui ont aidé à la préparation des concours en soi. En ma qualité de directeur, j'entends bien continuer d'appuyer vos efforts dans l'intérêt des élèves.

A handwritten signature in black ink, appearing to read 'Barry A. Ferguson'.

Barry A. Ferguson,
Director.

A handwritten signature in black ink, appearing to read 'Barry A. Ferguson'.

Barry A. Ferguson
Directeur

Enrolment by provinces / Inscriptions classées par province

Province	Number of schools / Nombre d'écoles			Number of students / Nombre d'élèves		
	Pascal/Cayley/Fermat	Pascal	Cayley	Fermat	Province	
Newfoundland	78	1474	836	848	Terre-Neuve	
Nova Scotia	44	676	742	700	Nouvelle-Écosse	
New Brunswick	32	699	745	660	Nouveau-Brunswick	
P.E.I.	10	259	21	27	Île-du-Prince-Édouard	
Quebec	125	3557	2935	2546	Québec	
Ontario	653	16929	14045	12333	Ontario	
Manitoba	71	1542	1542	888	Manitoba	
Saskatchewan	45	832	782	638	Saskatchewan	
Alberta	104	1885	1277	985	Alberta	
British Columbia	229	6988	5817	4885	Colombie-Britannique	
Total	1391	34841	28742	24510		

Total number of students enrolled / Nombre d'inscriptions individuelles :
88093

**2003 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2003**

PASCAL CONTEST / CONCOURS PASCAL

STUDENTS / ÉLÈVES

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

Gold Medals Médailles d'or	School École	Location Endroit	Grade Niveau	Age Âge
Eunse Chang	Don Mills Collegiate Institute	Don Mills, ON	9	14
Michael Chitayat	Lower Canada College	Montreal, QC	9	14
Jimmy He	Seaquam Secondary School	North Delta, BC	8	12
Andy Kong	John Campbell Public School	Windsor, ON	8	14
Sebastian Leung	Vsb/Ubc Transition Program	Vancouver, BC	9	14
Scott Lin	Moscrop Secondary School	Burnaby, BC	9	14
Henry Liu	Burnaby North Secondary School	Burnaby, BC	9	15
Andre Monette	University of Toronto Schools	Toronto, ON	8	13
Eldon Ng	University of Toronto Schools	Toronto, ON	9	13
Juwon Park	Applewood Heights Secondary School	Mississauga, ON	9	14
Shi Peng	Highland Junior High School	North York, ON	9	14
Luke Schaeffer	Centennial Collegiate & Vocational Institute	Guelph, ON	9	14
Yakov Shklarov	John Ware Junior High School	Calgary, AB	9	14
Isaac Tang	Steveston Secondary School	Richmond, BC	9	14
Po Jui Wu	Lord Byng Secondary School	Vancouver, BC	9	14
Hongyu Xiao	College St-Louis	Lasalle, QC	9	15
Alanjiyuan Ye	University Hill Secondary School	Vancouver, BC	9	14
Daniel Ye	Sir Winston Churchill Secondary School	Vancouver, BC	9	14
Pavel Zakharov	Ecole Secondaire Sophie-Barat	Montréal, PQ	9	14
Qiyu Zhu	Zion Heights Junior High School	North York, ON	9	14

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première :	University of Toronto Schools	Toronto, ON	444
Second / Deuxième :	Seaquam Secondary School	North Delta, BC	434
Third / Troisième :	Sir Winston Churchill Secondary School	Vancouver, BC	432
Fourth / Quatrième :	University Hill Secondary School	Vancouver, BC	424
	Upper Canada College	Toronto, ON	424
Fifth / Cinquième :	Zion Heights Junior High School	North York, ON	423

CAYLEY CONTEST / CONCOURS CAYLEY

STUDENTS / ÉLÈVES

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

Gold Medals Médailles d'or	School École	Location Endroit	Grade Niveau	Age Âge
Boris Braverman	Branton Junior High School	Calgary, AB	8	12
John Chan	J.N. Burnett Secondary School	Richmond, BC	10	15
Gordon Fu	Killarney Secondary School	Vancouver, BC	10	15
Sandy Liu	Scarlett Heights Ent. Academy	Etobicoke, ON	10	15
Daniel Seo	Prince of Wales Secondary School	Vancouver, BC	8	13
Jack Yang	University Hill Secondary School	Vancouver, BC	10	15

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première :	Sir Winston Churchill Secondary School	Vancouver, BC	430
Second / Deuxième :	David Thompson Secondary School	Vancouver, BC	428
Third / Troisième :	University of Toronto Schools	Toronto, ON	426
Fourth / Quatrième :	Kelvin High School	Winnipeg, MB	425
Fifth / Cinquième :	Western Canada High School	Calgary, AB	424
	Waterloo Collegiate Institute	Waterloo, ON	424

FERMAT CONTEST / CONCOURS FERMAT

STUDENTS / ÉLÈVES

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

Gold Medals Médailles d'or	School École	Location Endroit	Grade Niveau	Age Âge
Mao Andrew	A.B. Lucas Secondary School	London, ON	11	16
Adam Chen	Jarvis Collegiate Institute	Toronto, ON	11	17
Francis Chung	A.B. Lucas Secondary School	London, ON	10	15
Nan Feng	Sentinel Secondary School	West Vancouver, BC	11	17
Chen Huang	Sir Winston Churchill Secondary School	Vancouver, BC	11	17
Amirali Modir Shanechi	Don Mills Collegiate Institute	Don Mills, ON	11	16
Jacob Tsimerman	University of Toronto Schools	Toronto, ON	9	14
Ti Yin	William Lyon Mackenzie Collegiate Institute	Toronto, ON	11	15
Si Zhang	Aden Bowman Collegiate Institute	Saskatoon, SK	11	16

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première :	A.B. Lucas Secondary School	London, ON	420
Second / Deuxième :	Vincent Massey Secondary School	Windsor, ON	409
Third / Troisième :	William Lyon MacKenzie Collegiate Institute	Toronto, ON	406
Fourth / Quatrième :	University of Toronto Schools	Toronto, ON	405
Fifth / Cinquième :	Sir Winston Churchill Secondary School	Vancouver, BC	404

**The Centre for Education in Mathematics and Computing Prize List /
Liste des prix de la Centre d'Éducation en Mathématiques et en Informatique**

**FOR OUTSTANDING PERFORMANCE IN THE 2003 FERMAT CONTEST
POUR RENDEMENT SUPÉRIEUR AU CONCOURS FERMAT 2003**

PROVINCIAL CHAMPIONS / CHAMPIONS PROVINCIAUX

Edward Rossiter	Holy Heart of Mary	St. John's, NF	\$200
Andrew Critch	Clarendville Integrated High School	Clarendville, NF	200
Medhi Abdeh Kolahchi	Halifax West High School	Halifax, NS	200
Tim Barrett	Kennebecasis Valley High School	Rothsay, NB	200
David Walker	Three Oaks Senior High School	Summerside, PEI	200
Yin Ge	Ecole International de Montreal	Westmount, QC	200
Edward Baraghis	E.S. des Sources	Dollard des Ormeaux, QC	200
Curtis Bright	White Pines Collegiate & Vocational Institute	Sault Ste. Marie	- ON North 200
Tapas Kulkarni	Widdifield Secondary School	North Bay	- ON North 200
Xiaoguang Li	Nepean High School	Ottawa	- ON East 200
Jacob Tsimerman	University of Toronto Schools	Toronto	- ON Metro 200
Sean Remedios	St. Francis Xavier Secondary School	Mississauga	- ON Central 200
Andrew Mao	A.B. Lucas Secondary School	London	- ON West 200
Francis Chung	A.B. Lucas Secondary School	London	- ON West 200
Will Guest	St.-John's-Ravenscourt School	Winnipeg, MB	200
Si Zhang	Aden Bowman Collegiate Institute	Saskatoon, SK	200
Lily Liu	Winston Churchill High School	Lethbridge, AB	200
Chen Huang	Sir Winston Churchill Secondary School	Vancouver, BC	200
Nan Feng	Sentinel Secondary School	West Vancouver, BC	200

Canadian Team Honour Roll / Palmarès des équipes à l'échelle nationale

	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	SCORE NOTE
1	A.B. LUCAS S.S.	LONDON	ON	420
2	VINCENT MASSEY S.S.	WINDSOR	ON	409
3	WILLIAM LYON MACKENZIE C.I.	TORONTO	ON	406
4	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	405
5	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	404
6	ERIC HAMBER S.S.	VANCOUVER	BC	401
7	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	398
	JARVIS C.I.	TORONTO	ON	398
	DON MILLS C.I.	DON MILLS	ON	398
10	BURNABY NORTH S.S.	BURNABY	BC	397
11	SENTINEL S.S.	WEST VANCOUVER	BC	396
	E.S. ST-LUC	MONTREAL	QC	396
13	SEAQUAM S.S.	NORTH DELTA	BC	393
14	PORT MOODY S.S.S.	PORT MOODY	BC	390
	UPPER CANADA COLLEGE	TORONTO	ON	390
16	VANCOUVER COLLEGE H.S.	VANCOUVER	BC	388
	SEMIAMMOO S.S.	SURREY	BC	388
18	A.Y. JACKSON S.S.	NORTH YORK	ON	386
19	LOWER CANADA COLLEGE	MONTREAL	QC	384
	BURNABY CENTRAL S.S.	BURNABY	BC	384
21	DAVID THOMPSON S.S.	VANCOUVER	BC	382
	J.N. BURNETT S.S.	RICHMOND	BC	382
23	ECOLE MAIMONIDE-CAMP. PARKHAVE	COTE ST. LUC	QC	380
	WATERLOO C.I.	WATERLOO	ON	380
	H.J. CAMBIE S.S.	RICHMOND	BC	380
26	YORK MILLS C.I.	NORTH YORK	ON	379
	WOBURN COLLEGIATE INSTITUTE	TORONTO	ON	379
28	CENTENNIAL S.S.S.	COQUITLAM	BC	378
	LONDON CENTRAL S.S.	LONDON	ON	378
	THE WOODLANDS S.	MISSISSAUGA	ON	378
31	VAUGHAN ROAD ACADEMY	TORONTO	ON	377
	LISGAR C.I.	OTTAWA	ON	377
33	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	374
	COLLEGE ST-LOUIS	LASALLE	QC	374
	BISHOP STRACHAN SCHOOL	TORONTO	ON	374
	E.S. DES SOURCES	DOLLARD DES ORMEAUX	QC	374
37	W.J. MOUAT S.S.	ABBOTSFORD	BC	373
	FOREST HILL C.I.	TORONTO	ON	373
	KELVIN H.S.	WINNIPEG	MB	373
40	BURNABY MOUNTAIN S.S.	BURNABY	BC	372
	SHAFTESBURY H.S.	WINNIPEG	MB	372
	JOHN F. ROSS CVI	GUELPH	ON	372
	THORNHILL S.S.	THORNHILL	ON	372
	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	372
45	MARTINGROVE C.I.	ETOBICOKE	ON	371
	ST. GEORGE'S SCHOOL	VANCOUVER	BC	371
	MILLIKEN MILLS H.S.	UNIONVILLE	ON	371
48	NORTHERN S.S.	TORONTO	ON	370
	EARL HAIG S.S. ATT:SILZER	NORTH YORK	ON	370
50	ST. FRANCIS XAVIER SECONDARY SCHOOL	MISSISSAUGA	ON	369
	UNIONVILLE H.S.	UNIONVILLE	ON	369

Rank / Position Scores / Notes

52 - 94	368 - 359
100 - 195	358 - 342
203 - 297	341 - 332
308 - 399	331 - 320
406 - 494	319 - 310
505 - 594	309 - 301
605 - 693	300 - 288
701 - 793	287 - 274

There were 1004 three-student teams.
Il y avait 1004 équipes de trois élèves.

Canadian Student Honour Roll / Palmarès des élèves à l'échelle nationale

Students are listed in alphabetical order within each group / Dans chaque groupe, les élèves sont nommés en ordre alphabétiques

NAME NOM	SCHOOL ÉCOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
GROUP I / GROUPE I					
ANDREW	MAO	A.B. LUCAS S.S.	LONDON	ON	11 16
CHEN	ADAM	JARVIS C.I.	TORONTO	ON	11 17
CHUNG	FRANCIS	A.B. LUCAS S.S.	LONDON	ON	10 15
FENG	NAN	SENTINEL S.S.	WEST VANCOUVER	BC	11 17
HUANG	CHEN	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11 17
MODIR SHANECHI	AMIRALI	DON MILLS C.I.	DON MILLS	ON	11 16
TSIMERMAN	JACOB	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	9 14
YIN	TI	WILLIAM LYON MACKENZIE C.I.	TORONTO	ON	11 15
ZHANG	SI	ADEN BOWMAN C.I.	SASKATOON	SK	11 16
GROUP II / GROUPE II SCORES / NOTES 139 - 136					
BALU	ASHWIN	GEORGE S. HENRY ACADEMY	TORONTO	ON	11 15
BARAGHIS	EDWARD	E.S. DES SOURCES	DOLLARD DES ORMEAUX	QC	11 16
CHUANG	DENNIS	STRATHCONA-TWEEDSMUIR SCHOOL	OKOTOKS	AB	11 17
GE	YIN	ÉCOLE INTER. DE MONTREAL	WESTMOUNT	QC	11 16
GUEST	WILL	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11 15
KO	REBECCA	ERIC HAMBER S.S.	VANCOUVER	BC	11 16
LEE	WOORAM	HANDSWORTH S.S.	NORTH VANCOUVER	BC	11 16
LI	JASON	JARVIS C.I.	TORONTO	ON	11 17
LI	ZHUOFAN	A.B. LUCAS S.S.	LONDON	ON	11 16
LIU	LILY	WINSTON CHURCHILL H.S.	LETHBRIDGE	AB	11 16
MA	RUI	VINCENT MASSEY S.S.	WINDSOR	ON	11 17
REMEDIOS	SEAN	ST. FRANCIS XAVIER S.S.	MISSISSAUGA	ON	11 16
SUN	JOHN	VINCENT MASSEY S.S.	WINDSOR	ON	11 16
SUN	SARAH	HOLY TRINITY ACADEMY	OKOTOKS	AB	9 14
YAN	JOSEPH	BURNABY NORTH S.S.	BURNABY	BC	11 17
ZHAO	YIN	VINCENT MASSEY S.S.	WINDSOR	ON	11 16
ZHOU	JOHN	CENTENNIAL S.S.S.	COQUITLAM	BC	11 16
GROUP III / GROUPE III SCORES / NOTES 134 - 134					
BUCHANAN	KYLE	LAMBTON CENTRAL C. & V.I.	PETROLIA	ON	11 16
CHEN	YINGMING	WILLIAM LYON MACKENZIE C.I.	TORONTO	ON	11 16
DU	BARTON	SEAQUAM S.S.	NORTH DELTA	BC	11 17
HOY	CARA	HENRY WISE WOOD S.H.S.	CALGARY	AB	11 16
KWA	JIMMY	H.J. CAMBIE S.S.	RICHMOND	BC	11 16
LEE	SUE JEAN	BISHOP STRACHAN SCHOOL	TORONTO	ON	11 17
LI	YUKAI	VINCENT MASSEY S.S.	WINDSOR	ON	11 16
TSENG	KUAN CHIEH	YALE S.S.	ABBOTSFORD	BC	9 14
WEI	YEHUA	YORK MILLS C.I.	NORTH YORK	ON	11 17
WONG	IAN	VANCOUVER COLLEGE H.S.	VANCOUVER	BC	11 16
YUE	TOM	A.Y. JACKSON S.S.	NORTH YORK	ON	11 16
GROUP IV / GROUPE IV SCORES / NOTES 133 - 132					
ABDEH KOLAHCHI	MEHDI	HALIFAX WEST H.S.	HALIFAX	NS	11 16
CHEN	PETER	SEMIAMMOO S.S.	SURREY	BC	11 16
CHU	KAREN	DAVID THOMPSON S.S.	VANCOUVER	BC	11 16
FAN	YUTING	PORT MOODY S.S.S.	PORT MOODY	BC	11 17
FLOREA	ADRIAN	E.S. ST-LUC	MONTREAL	QC	11 17
GIGOV	NIKOLAY	E.S. ST-LUC	MONTREAL	QC	11 17
HUSSEIN	FAROUK	UPPER CANADA COLLEGE	TORONTO	ON	11 16
KORYTOWSKI	DANIEL	SHAFTESBURY H.S.	WINNIPEG	MB	11 16
KWON	DAVID	BURNABY NORTH S.S.	BURNABY	BC	11 16
LI	XIAO GUANG	NEPEAN H.S.	OTTAWA	ON	11 17
LIAO	WENDY	SEMIAMMOO S.S.	SURREY	BC	11 16
MARSH	MATTHEW	M.M. ROBINSON H.S.	BURLINGTON	ON	11 16
MULDER	DAVID	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11 16
NG	JESSE	ROBERT MCMATH S.S.	RICHMOND	BC	11 16
NYBORG	TIM	EVAN HARDY C.I.	SASKATOON	SK	11 16
PAREJA	DANIEL	TEMPLETON S.S.	VANCOUVER	BC	11 16
PENG	RICHARD	VAUGHAN ROAD ACADEMY	TORONTO	ON	9 14
PICARD	MATHIEU	POLY. CHANOINE ARMAND RACICOT	SAINT JEAN SUR RICHELIEU	QC	11 17
SCRIVENER	CAROL	WALTER MURRAY C.I.	SASKATOON	SK	11 16
SIOW	LUCAS	NORTHERN S.S.	TORONTO	ON	11 16
SO	ADRIAN	DON MILLS C.I.	DON MILLS	ON	11 17

Fermat Contest – Canada

Concours Fermat – Canada

NAME	SCHOOL	LOCATION	PROV	GR	AGE
NOM	ECOLE	ENDROIT	PROV	NIVEAU	AGE
SO	IVY	ERIC HAMBER S.S.	VANCOUVER	BC	11 16
WANG	FRANK	VINCENT MASSEY S.S.	WINDSOR	ON	11 16
YAN	ANNIE	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11 17
ZENG	CHENG	LOWER CANADA COLLEGE	MONTREAL	QC	11 16
ZHAO	WENJING	VINCENT MASSEY S.S.	WINDSOR	ON	11 16
ZHENG	WEIBIN	E.S. ST-LUC	MONTREAL	QC	11 17

GROUP V / GROUPE V SCORES / NOTES 131 - 130

BOLOORFOROOSH	AMIR	SENTINEL S.S.	WEST VANCOUVER	BC	11 16
CHAN	LI ANNE	WOBURN COLLEGIATE INSTITUTE	TORONTO	ON	11 16
CHANG	LARRY	SEAQUAM S.S.	NORTH DELTA	BC	10 15
CUI	RYAN	LORD ELGIN H.S.	BURLINGTON	ON	11 16
FOLZ	MATTHEW	PORT MOODY S.S.S.	PORT MOODY	BC	11 16
HE	QING	UNIONVILLE H.S.	UNIONVILLE	ON	11 16
HO	MARTIN	J.N. BURNETT S.S.	RICHMOND	BC	9 15
HOFF	AMANDA	SARDIS SENIOR S.	SARDIS	BC	11 15
JUNG	JAMES	LORNE PARK S.S.	MISSISSAUGA	ON	11 16
KOUK	TRISTAN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11 16
KUNG	KEVIN	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11 16
LEUNG	MICHAEL	EARL HAIG S.S. ATT:SILZER	NORTH YORK	ON	11 16
LEUNG	VINCENT	THE WOODLANDS S.	MISSISSAUGA	ON	11 16
LIN	SEAN	BURNABY CENTRAL S.S.	BURNABY	BC	11 16
LIPNOWSKI	MICHAEL	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11 16
LOEWEN	PAUL	RIVER EAST C.I.	WINNIPEG	MB	11 16
LU	JENNY	WILLIAM LYON MACKENZIE C.I.	TORONTO	ON	11 15
LUE	KATY	ERIC HAMBER S.S.	VANCOUVER	BC	11 16
MCLEOD	GEOFFREY	UPPER CANADA COLLEGE	TORONTO	ON	11 16
NGO	ANDREW	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	11 16
RUTHERFORD	BRIAN	LEASIDE H.S.	EAST YORK	ON	11 16
SIU	GEOFFREY	LONDON CENTRAL S.S.	LONDON	ON	10 14
SO	WAI YIP	L'AMOREAUX C.I.	AGINCOURT	ON	11 16
SPEAR	MARK	STRAIT AREA ED. REC. CENTRE	PORT HAWKESBURY	NS	11 16
STRATFORD	EVAN	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	11 16
WANG	LINDA	VINCENT MASSEY S.S.	WINDSOR	ON	11 16
XIN	YUE	FOREST HILL C.I.	TORONTO	ON	11 16
XU	QIANYING	LISGAR C.I.	OTTAWA	ON	11 17
YIP	MICHAEL	ST. IGNATIUS OF LOYOLA H.S.	OAKVILLE	ON	11 16
ZHANG	NANCY	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11 17

GROUP VI / GROUPE VI SCORES / NOTES 129 - 127

BAPOO	RAHIM	UPPER CANADA COLLEGE	TORONTO	ON	11 16
CHAN	JANICE	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	11 16
CHEN	PEIYI	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	11 16
CHEN	SI	WINSTON CHURCHILL C.I.	SCARBOROUGH	ON	11 16
CHEN	VINCENT	BURNABY CENTRAL S.S.	BURNABY	BC	11 16
CRITCH	ANDREW	CLARENVILLE INTEGRATED H.S.	CLARENVILLE	NF	11 16
ENAYATZADEH	ORLY	ECOLE MAIMONIDE-CAMP. PARKHAVE	COTE ST. LUC	QC	11 16
FENG	FAN	VINCENT MASSEY S.S.	WINDSOR	ON	11 15
GIBBONS	MORGHAIN	ROSS SHEPPARD COMP. H.S.	EDMONTON	AB	11 16
GONG	VICTOR	KELVIN H.S.	WINNIPEG	MB	11 16
GUO	KRYSTAL	WATERLOO C.I.	WATERLOO	ON	11 16
HILDEBRAND	MATTHEW	W.J. MOUAT S.S.	ABBOTSFORD	BC	11 16
JUN	HEEJUNE	ST. ROBERT C.H.S.	THORNHILL	ON	11 17
KIM	JAEHUN	BAYVIEW SECONDARY SCHOOL	RICHMOND HILL	ON	11 17
KOTHARI	AKSHARA	BISHOP STRACHAN SCHOOL	TORONTO	ON	11 16
KRAMAR	JANOS	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
LAM	TOMMY	THORNHILL S.S.	THORNHILL	ON	11 16
LAU	ALVIN	J.N. BURNETT S.S.	RICHMOND	BC	11 16
LI	NINI	BURNABY NORTH S.S.	BURNABY	BC	11 16
LIANG	TERESA	BURNABY MOUNTAIN S.S.	BURNABY	BC	11 16
LIU	TALENA	THE WOODLANDS S.	MISSISSAUGA	ON	11 16
LU	PHOEBE	SEAQUAM S.S.	NORTH DELTA	BC	11 16
MAMAN	JONATHAN	E.MAIMONIDE/CAMP JACOB SAFRA	VILLE ST-LAURENT	QC	11 16
MULADZANOV	ALLA	ECOLE MAIMONIDE-CAMP. PARKHAVE	COTE ST. LUC	QC	11 17
PARK	BRIAN	MARTINGROVE C.I.	ETOBICOKE	ON	11 16
PARK	JUNHYUN	ST. PATRICK'S REG. S.S.	VANCOUVER	BC	11 17
POSEN	DANIEL	TORONTO FRENCH SCHOOL	TORONTO	ON	11 15

Fermat Contest – Canada

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NAME	SCHOOL	LOCATION	PROV	GR	AGE	
NOM	ECOLE	ENDROIT	PROV	NIVEAU	AGE	
PRZYBYTKOWSKI	KAROL	COLLEGE DUROCHER/ST-LAMBERT	QC	11	16	
QUINTON	CASSIDY	ST. JOHN'S-RAVENSCOURT SCHOOL	MB	11	16	
RAGUPATHI	LOHEETHA	WOBURN COLLEGIATE INSTITUTE	ON	10	15	
ROSSITER	EDWARD	HOLY HEART OF MARY REG. H.S.	ST. JOHN'S	NF	11	16
SIU	WALTER	VANCOUVER COLLEGE H.S.	VANCOUVER	BC	11	16
SUN	HAOSHENG	ALPHA S.S.	BURNABY	BC	11	16
TSENG	SEAN	CRESCENT SCHOOL	WILLOWDALE	ON	11	16
VOSOUGHI	SOROUGH	JOHN F. ROSS CVI	GUELPH	ON	11	16
WANG	JINGWEN	LONDON CENTRAL S.S.	LONDON	ON	11	16
WANG	LAURA	VINCENT MASSEY S.S.	WINDSOR	ON	11	15
WANG	YUANFEI	WILLIAM LYON MACKENZIE C.I.	TORONTO	ON	11	16
WIONZEK	NICOLAS	ALMONTE D.H.S.	ALMONTE	ON	11	16
WOLSKE	ZACK	ANDERSON C.&V.I.	WHITBY	ON	11	16
WU	XIAODI	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10	15
XIA	YANG	VINCENT MASSEY S.S.	WINDSOR	ON	11	16
XIE	JOYCE	BURNABY SOUTH S.S.	BURNABY	BC	11	17
YAN	KENNETH	PORT MOODY S.S.S.	PORT MOODY	BC	11	16
ZHANG	HARVEY	BURNABY NORTH S.S.	BURNABY	BC	11	16
ZHOU	SHAWN	DAVID THOMPSON S.S.	VANCOUVER	BC	11	16

GROUP VII / GROUPE VII SCORES / NOTES 126 - 126

AGATONOVIC	MILOS	WATERLOO C.I.	WATERLOO	ON	10	14
ANSTEE	CAMERON	RIDGEMONT H.S.	OTTAWA	ON	11	16
ATTAI	JASON	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	16
BARRETT	TIM	KENNEBECASIS VALLEY H.S.	ROTHESAY	NB	11	16
CHOY	STEPHEN	UPPER CANADA COLLEGE	TORONTO	ON	11	17
CHUNG	SAI LUN	COLLEGE ST-LOUIS	LASALLE	QC	11	17
DANGALTCHEVA	IRINA	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	16
DENIS	MARIE PASC	COLLEGE LAVAL	LAVAL	QC	11	16
ESSEX	GRAHAM	DELTA S.S.	DELTA	BC	11	16
GHO	JEFFREY	ST. GEORGE'S SCHOOL	VANCOUVER	BC	11	16
GUTENBERG	DANIEL	YESHIVAT BNEI AKIVA OR CHAIM	DOWNSVIEW	ON	11	16
HO	CINDY	MILLIKEN MILLS H.S.	UNIONVILLE	ON	11	16
HOGUE	JEANSEBAST	EXTERNAT SACRE-COEUR	ROSEMERE	QC	11	16
KAM	SARAH	BURNABY NORTH S.S.	BURNABY	BC	11	17
KIM	VIVIEN	THE SCHOOL OF MATHEMATICS	THORNHILL	ON	11	16
LUI	DANNY	DAKOTA C.I.	WINNIPEG	MB	11	16
LAM	DEREK	SUMMERLAND S.S.	SUMMERLAND	BC	11	17
LE	CAT	WESTERN TECH. COMM. SCHOOL	TORONTO	ON	11	0
LI	YIZHI	SIR W. LAURIER C.I.	SCARBOROUGH	ON	11	16
LI	ZHUORAN	E.L. CROSSLEY S.S.	FONTHILL	ON	11	15
LIM	SUHYEON	LOYALIST C.&V.I.	KINGSTON	ON	11	16
LIU	JERRY	SOUTHRIDGE SCHOOL	SURREY	BC	11	16
LIU	PHOEBE	BURNABY CENTRAL S.S.	BURNABY	BC	11	16
LU	SANDY	BURNABY NORTH S.S.	BURNABY	BC	11	16
LUCAS CARDONA	FRANCOIS	COLLEGE JEAN DE BREBEUF	MONTREAL	QC	11	16
MARINIER	PHILIPPE	SIR ROBERT BORDEN H.S.	NEPEAN	ON	11	17
MCCULLOCH	PAT	ST. MICHAEL'S UNIV. SCHOOL	VICTORIA	BC	11	17
MO	JEFFREY	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	11	16
NAGY	LISA	OAKRIDGE S.S.	LONDON	ON	11	16
NG	VINCENT	PORT MOODY S.S.S.	PORT MOODY	BC	11	16
O BRIEN	CAILEN	BRENTWOOD COLLEGE SCHOOL	MILL BAY	BC	11	17
ORLOV	MARGARITA	ROSS SHEPPARD COMP. H.S.	EDMONTON	AB	11	16
PAN	ZHAOYI	E.S. ST-LUC	MONTREAL	QC	11	16
PARK	CINDY	ROBERT BATEMAN S.S.	ABBOTSFORD	BC	11	17
PEROWNE	GREGORY	LOWER CANADA COLLEGE	MONTREAL	QC	11	16
PHAM	QUANG	FORT RICHMOND C.I.	WINNIPEG	MB	11	15
RAICEK	DOUGLAS	LOWER CANADA COLLEGE	MONTREAL	QC	11	16
SHEN	CHEN	A.Y. JACKSON S.S.	NORTH YORK	ON	11	17
SHEN	YIZHE	JOHN F. ROSS CVI	GUELPH	ON	11	16
SINGH	KAVITA	E.S. ST-LUC	MONTREAL	QC	11	16
STEELE	CHRISTINE	MARC GARNEAU C.I.	DON MILLS	ON	11	17
SVENDA	NICHOLAS	KELVIN H.S.	WINNIPEG	MB	11	16
TRAN	MINH TAM	COLLEGE ST-LOUIS	LASALLE	QC	11	16
TUNG	MAN JUON	MAGEE S.S.	VANCOUVER	BC	11	16
UPPAL	DAVE	SARNIA NORTHERN C.I. & V.S.	SARNIA	ON	11	16
WAGNER	GARY	SARDIS SENIOR S.	SARDIS	BC	11	17
WANG	WALTER	A.Y. JACKSON S.S.	NORTH YORK	ON	11	17

Fermat Contest – Canada

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NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
YAN	KIN FUNG	BISHOP'S COLLEGE SCHOOL	QC	11	17
YANG	ALLENA	FOREST HILL C.I.	ON	11	16
YASOTHARAN	HEMESH	DR. NORMAN BETHUNE C.I.	ON	11	16
YUNG	KENNY	PINETREE S.S.	BC	11	16
ZACCHIA	NICHOLAS	L.B. PEARSON COMP. H.S.	QC	11	16
ZEBROWSKIRUBIN	STEFAN	LOWER CANADA COLLEGE	QC	11	17
ZHANG	BAOSEN	WATERLOO C.I.	ON	11	16

Fermat Contest – Statistics

Concours Fermat – Statistiques

QUES. NUM. NO DE QUEST	CORRECT ANSWER BONNE RÉPONSE	PERCENTAGE OF CONTESTANTS SELECTING EACH OPTION POURCENTAGE DE CONCURENTS PAR CHOIX					PERCENTAGE NOT ATTEMPTED CORRECT OF ATTEMPTED POURCENTAGE SANS RÉPONSE TENTATIVES REUSSIES		
		A	B	C	D	E	SANS RÉPONSE	TENTATIVES REUSSIES	POURCENTAGE CORRECT OF ATTEMPTED
1	E	2.45	0.43	1.19	0.78	94.91	0.24	95.14	
2	A	97.75	0.35	0.52	0.21	1.09	0.09	97.83	
3	E	1.41	0.51	1.37	2.60	92.54	1.56	94.02	
4	B	41.28	52.83	2.64	1.60	0.97	0.68	53.19	
5	D	1.76	22.86	0.72	68.30	5.57	0.79	68.84	
6	D	1.67	21.00	4.17	60.12	4.01	9.03	66.09	
7	C	8.96	2.20	76.21	5.53	1.55	5.56	80.70	
8	A	69.81	2.93	1.95	4.00	5.87	15.44	82.56	
9	A	43.16	37.52	1.88	9.07	3.81	4.56	45.22	
10	B	7.61	81.64	2.69	4.78	1.49	1.78	83.12	
11	A	72.59	9.25	2.74	3.21	5.20	7.01	78.07	
12	E	5.63	4.84	4.77	2.18	76.72	5.85	81.49	
13	B	1.45	70.54	2.99	3.50	12.07	9.44	77.89	
14	A	41.36	5.76	5.56	6.44	3.16	37.72	66.41	
15	D	3.52	2.49	7.73	66.89	1.71	17.67	81.25	
16	C	3.20	3.82	61.39	5.24	3.05	23.32	80.05	
17	C	4.48	4.87	22.03	3.55	7.27	57.79	52.20	
18	D	10.21	6.02	6.19	44.24	4.39	28.94	62.26	
19	A	33.08	3.40	14.77	5.07	8.97	34.71	50.67	
20	C	18.00	3.10	40.50	3.89	3.82	30.70	58.43	
21	D	8.59	9.50	6.59	40.03	5.82	29.47	56.75	
22	A	5.72	8.85	10.88	6.05	5.21	63.29	15.59	
23	C	3.94	7.47	8.65	4.88	8.53	66.52	25.83	
24	C	8.79	6.71	7.29	6.73	3.75	66.74	21.91	
25	B	5.43	6.60	7.45	6.14	12.19	62.19	17.46	
17263 STUDENTS							AVERAGE MARK	85.56	
17263 ELEVES							MOYENNE	85.56	

Student Rankings

Classement des élèves

RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE
1	145	1602	110	11313	78	16692	45
2	144	1777	109	11616	77	16750	44
5	142	2000	108	11898	76	16793	43
10	139	2211	107	12180	75	16831	42
11	138	2413	106	12407	74	16883	41
13	137	2632	105	12657	73	16931	40
14	136	2916	104	12935	72	16964	39
27	134	3208	103	13158	71	16986	38
38	133	3524	102	13372	70	17008	37
40	132	3771	101	13574	69	17023	36
65	131	4071	100	13796	68	17040	35
71	130	4359	99	14060	67	17062	34
95	129	4685	98	14273	66	17074	33
105	128	4885	97	14457	65	17089	32
128	127	5048	96	14636	64	17101	31
141	126	5379	95	14769	63	17112	30
195	125	5713	94	14932	62	17131	29
210	124	6100	93	15091	61	17136	28
243	123	6419	92	15240	60	17143	27
263	122	6775	91	15381	59	17152	26
358	121	7120	90	15500	58	17156	25
426	120	7449	89	15642	57	17163	24
519	119	7789	88	15772	56	17169	23
564	118	8131	87	15895	55	17172	22
655	117	8455	86	16001	54	17176	21
755	116	8789	85	16106	53	17178	20
888	115	9103	84	16180	52	17182	19
997	114	9409	83	16281	51	17185	18
1154	113	9746	82	16389	50	17187	17
1279	112	10077	81	16456	49	17189	15
1461	111	10375	80	16515	48	17190	13
		10691	79	16566	47	17191	11
		10980	79	16623	46	17193	10

PASCAL CONTEST / CONCOURS PASCAL

TEAMS / ÉQUIPES

	SCHOOL ECOLE	LOCATION ENDROIT	SCORE NOTE
1	ICAE	TROY, MICHIGAN	450
2	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	397
3	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	370
4	INTER. SCHOOL OF BRUSSELS	BRUSSELS, BELGIUM	366
5	INDIAN SCHOOL AL GHUBRA	NORTH AL GHUBRA, SULTANATE	364
6	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	358
	NAGOYA INTER. SCHOOL	NAGOYA, JAPAN	358
8	COLAISTE AN SPIORAID NAOIMH	CORK, IRELAND	346
9	CHRISTIAN BROTHERS COLLEGE	CORK, IRELAND	340
10	YEW CHUNG INT. SCHOOL	KOWLOON, HONG KONG	333
11	NAPARIMA GIRLS H.S.	SAN FERNANDO, TRINIDAD	319
12	COLAISTE CHRIOST RI	CORK, IRELAND	303
13	WARWICK ACADEMY	WARWICK, BERMUDA	
14	DELIA SCHOOL OF CANADA SEC. SCHOOL	HONG KONG	

STUDENTS / ÉLÈVES

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	GR NIVEAU	AGE AGE
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GROUP I / GROUPE I

AGARWAL	SUNIL	ICAE	TROY, MICHIGAN	8	13
IYER	KARTHIK	ICAE	TROY, MICHIGAN	8	12
LAI	KEVIN	ICAE	TROY, MICHIGAN	8	13
NERAL	MITHUN	ICAE	TROY, MICHIGAN	9	14
PEZESHKI	ALAN	ICAE	TROY, MICHIGAN	8	13
SONG	JESSE	ICAE	TROY, MICHIGAN	8	13
SREERAM	KALYAN	ICAE	TROY, MICHIGAN	8	13

GROUP II / GROUPE II SCORES / NOTES 140 - 136

CHEN	CHENG	ICAE	TROY, MICHIGAN	9	14
MIKKILINENI	SHRAVANI	ICAE	TROY, MICHIGAN	8	12
MURSHED	FARHAN	ICAE	TROY, MICHIGAN	8	13
RAVIPATI	SINDHU	ICAE	TROY, MICHIGAN	9	14
SIVARAMAN	ADITYA	ICAE	TROY, MICHIGAN	9	14
SY	DARREN	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	6	13

GROUP III / GROUPE III SCORES / NOTES 135 - 130

ADAJAR	PACO	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	5	11
CHUA	ANNABELLEE	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	6	13
CHUA	JONATHAN	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	6	13
GOMEL	JONATAN	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	9	13
HE	TEMPLE	ICAE	TROY, MICHIGAN	8	14
HEBBALE	HARSHA	ICAE	TROY, MICHIGAN	8	12
KHARE	SACHIN	ICAE	TROY, MICHIGAN	9	15
KHO R	HAO WEI	TIANJIN INTER. SCHOOL	CHINA	9	14
LI	DANYI	ICAE	TROY, MICHIGAN	9	14
MIKKILINENI	SOHAN	ICAE	TROY, MICHIGAN	8	13
PRADEEP	PRASHIL	ICAE	TROY, MICHIGAN	8	12
RAMADAS	NIRANJAN	ICAE	TROY, MICHIGAN	9	14
SHAIK	ASRA	ICAE	TROY, MICHIGAN	8	13
SRINIVASAN	DUSHYANTH	ICAE	TROY, MICHIGAN	8	12
WENG	EDWARD	ICAE	TROY, MICHIGAN	9	14
YAO	RANDY	ICAE	TROY, MICHIGAN	9	15
ZHANG	JASON	ICAE	TROY, MICHIGAN	8	12

International Results

Résultats internationaux

GROUP IV / GROUPE IV SCORES / NOTES 128 - 126

CHUA	NELLIE	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	6	12
DESAI	AKSHAY	ICAE	TROY, MICHIGAN	8	12
HEBBALE	SWAROOP	ICAE	TROY, MICHIGAN	9	14
HUANG	MIKE	ICAE	TROY, MICHIGAN	8	14
JIA	ROGER	ICAE	TROY, MICHIGAN	8	12
KIM	DANIEL	TIANJIN INTER. SCHOOL	CHINA	9	15
KIM	TAE	INTER. SCHOOL OF BRUSSELS	BRUSSELS, BELGIUM	9	15
LEE	JOANNA	TIANJIN INTER. SCHOOL	CHINA	9	14
LIN	BENJAMIN	ICAE	TROY, MICHIGAN	8	12
PRAKASH	TANMAY	ICAE	TROY, MICHIGAN	8	13
RYU	DAWEON	TIANJIN INTER. SCHOOL	CHINA	9	15
SCHREUR	JAN	TIANJIN INTER. SCHOOL	CHINA	9	15
SY	FRANZ	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	6	12
WERNER ALLEN	AMY	ICAE	TROY, MICHIGAN	8	14
YECHOOR	KAMAL	ICAE	TROY, MICHIGAN	8	13
YIM	SEO HYUN	TIANJIN INTER. SCHOOL	CHINA	9	15

CAYLEY CONTEST / CONCOURS CAYLEY

TEAMS / ÉQUIPES

	SCHOOL ECOLE	LOCATION ENDROIT	SCORE NOTE
1	ICAE	TROY, MICHIGAN	420
2	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	411
3	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	392
4	BELVEDERE COLLEGE	DUBLIN, IRELAND	388
5	WARWICK ACADEMY	WARWICK, BERMUDA	380
6	INDIAN SCHOOL AL GHUBRA	SULTANATE	360
7	NAPARIMA GIRLS H.S.	SAN FERNANDO, TRINIDAD	358
8	YEW CHUNG INT. SCHOOL	KOWLOON, HONG KONG	346
9	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	337
10	NAGOYA INTER. SCHOOL	NAGOYA, JAPAN	335
11	COLAISTE AN SPIORAID NAOIMH	CORK, IRELAND	324
12	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	323
13	CHRISTIAN BROTHERS COLLEGE	CORK, IRELAND	320
14	COLAISTE CHRIOST RI	CORK, IRELAND	309
15	DELIA SCHOOL OF CANADA SEC. SCHOOL	HONG KONG	
16	PRESENTATION S.S.	CORK, IRELAND	

STUDENTS / ÉLÈVES

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	GR NIVEAU	AGE AGE
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GROUP I / GROUPE I

ALIGGUY	JERWIN	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	7	14
CARINO	MIGUEL	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	7	14
HAN	MICHAEL	ICAE	TROY, MICHIGAN	10	15
MISRA	AMRI T	ICAE	TROY, MICHIGAN	10	14
MOUDGIL	ARNAV	ICAE	TROY, MICHIGAN	9	15
NANNAPANENI	NISHANT	ICAE	TROY, MICHIGAN	10	14
PAN	DANIEL	ICAE	TROY, MICHIGAN	9	14
RAY	KOLYAN	LA CHATAIGNERAIE INT. SCHOOL	SWITZERLAND	10	15
YANG	JULIE	ICAE	TROY, MICHIGAN	10	16

International Results

Résultats internationaux

GROUP II / GROUPE II SCORES / NOTES 136 - 134

ARCILLAS	JESREAL	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	7	13
BEHERA	VIVEK	ICAE	TROY, MICHIGAN	9	14
RAMESH	RAHUL	ICAE	TROY, MICHIGAN	10	16
SINHA	ATISHAY	ICAE	TROY, MICHIGAN	10	15
TAO	RICHARD	ICAE	TROY, MICHIGAN	9	15
TSAO	JOSEPH	ICAE	TROY, MICHIGAN	10	15
ZHOU	JOHN	ICAE	TROY, MICHIGAN	9	14

GROUP III / GROUPE III SCORES / NOTES 132 - 130

BRANGMAN	JUSTIN	WARWICK ACADEMY	WARWICK, BERMUDA	10	15
CERALDE	ABEGAIL	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	7	13
ESCOLAR	EMERSON	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8	13
GUNDUZ	PIRIL	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	9	15
KIRMACI	ECE	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	9	15
MCLHINNEY	PAUL	BELVEDERE COLLEGE	DUBLIN, IRELAND	8	13
MORAN	THOMAS	BELVEDERE COLLEGE	DUBLIN, IRELAND	10	16
PLAN	EMMANUEL	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	7	13
RABBANI	CYRUS	ICAE	TROY, MICHIGAN	10	16
RAHEJA	SURAJ	ICAE	TROY, MICHIGAN	10	15
XU	ALEX	ICAE	TROY, MICHIGAN	9	14

GROUP IV / GROUPE IV SCORES / NOTES 128 - 124

BENTO	EDWIN	WARWICK ACADEMY	WARWICK, BERMUDA	10	15
BIKKINA	PRIYANKA	ICAE	TROY, MICHIGAN	10	15
CIKUREL	DAVID	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	9	15
GUL	UGUR DOGAN	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	9	15
HSUEH	WAYNE	ICAE	TROY, MICHIGAN	10	15
KING	SOPHIE	LA CHATAIGNERAIE INT. SCHOOL	SWITZERLAND	10	14
LEE	DARYL	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	7	14
MARFIL	RAMON	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	7	14
MCCAFFREY	JOE	BELVEDERE COLLEGE	DUBLIN, IRELAND	10	15
MONZON	JAN DAVID	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	7	13
PAYZIN	OZGECAN	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	9	14
POONNEN	PRADEEP	ICAE	TROY, MICHIGAN	10	15
SAMPIANO	NYRE CYRE	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	7	14
VEMPATI	NARENDRA	ICAE	TROY, MICHIGAN	10	15
YU	ANDREW	YEW CHUNG INT. SCHOOL	KOWLOON, HONG KONG	10	16

FERMAT CONTEST / CONCOURS FERMAT TEAMS / ÉQUIPES

	SCHOOL ÉCOLE	LOCATION ENDROIT	SCORE NOTE
1	ICAE	TROY, MICHIGAN	404
2	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	394
3	INDIAN SCHOOL AL GHUBRA	SULTANATE	391
4	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	371
5	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	361
6	NAPARIMA GIRLS H.S.	SAN FERNANDO, TRINIDAD	346
	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	346
8	YEW CHUNG INT. SCHOOL	KOWLOON, HONG KONG	337
9	COLAISTE AN SPIORAID NAOIMH	CORK, IRELAND	319
10	CHRISTIAN BROTHERS COLLEGE	CORK, IRELAND	311
11	NAGOYA INTER. SCHOOL	NAGOYA, JAPAN	
12	DELIA SCHOOL OF CANADA SEC. SCHOOL	HONG KONG	
13	WARWICK ACADEMY	WARWICK, BERMUDA	
14	PRESENTATION S.S.	CORK, IRELAND	

International Results

Résultats internationaux

STUDENTS / ÉLÈVES

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	GR NIVEAU	AGE AGE
GROUP I / GROUPE I				
CLARKE	COLIN	ICAE	TROY, MICHIGAN	11 16
MISRA	ASISH	ICAE	TROY, MICHIGAN	11 16
USTUN	BER K	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	11 15
VARKEY M THEW	CHERIAN	INDIAN SCHOOL AL GHUBRA	SULTANATE	11 16
WICKRAMASEKARA	SACHIRA	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	11 16
GROUP II / GROUPE II SCORES / NOTES 130 - 128				
CHEN	YUYIN	ICAE	TROY, MICHIGAN	11 16
FLOOR	TEO	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	11 16
LOCHOVSKY	CONRAD	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	11 17
RAMACHANDRAN	ROHINI	INDIAN SCHOOL AL GHUBRA	SULTANATE	11 15
SAAVEDRA	KENDRICK	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	10 16
GROUP III / GROUPE III SCORES / NOTES 127 - 120				
CHEN	WEI HAN	TIANJIN INTER. SCHOOL	HONG KONG	11 17
CHOPDE	ANUP	INDIAN SCHOOL AL GHUBRA	SULTANATE	11 16
KRISHNAN	SANDHYA	ICAE	TROY, MICHIGAN	11 16
KUTUKCU	CAN	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	10 16
LEE	SAM	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 15
SINGH	ANKIT	INDIAN SCHOOL AL GHUBRA	SULTANATE	11 15
TAN	DAVID	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	9 15
TEE	DERIC	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 14
VENUGOPALAN	ARAVIND	INDIAN SCHOOL AL GHUBRA	SULTANATE	11 15
VERMA	SWATI	INDIAN SCHOOL AL GHUBRA	SULTANATE	11 16
GROUP IV / GROUPE IV SCORES / NOTES 119 - 115				
ANANDEE	ALLISON	NAPARIMA GIRLS H.S.	SAN FERNANDO, TRINIDAD	11 16
BABA OGLU	NURETTIN	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	10 17
BYLEHN	MICHAEL	LA CHATAIGNERAIE INT. SCHOOL	SWITZERLAND	11 15
CHERNY AUSKIY	ALEXEY	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	11 15
CHO	HONG SEOK	TIANJIN INTER. SCHOOL	HONG KONG	11 17
CHRISTIAN	ANDREW	TIANJIN INTER. SCHOOL	HONG KONG	11 16
DIMOVA	ALEXANDRA	INDIAN SCHOOL AL GHUBRA	SULTANATE	11 17
ERESE	LESTER	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 15
JASMINE	NG	YEW CHUNG INT. SCHOOL	KOWLOON, HONG KONG	11 17
LEE	JED	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	9 14
NAHMIAS	ISAK	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	10 16
OZBAS	ALAATTIN	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	10 16
SIA	MICHELLE	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 13
SIEW	VIJAYA	NAPARIMA GIRLS H.S.	SAN FERNANDO, TRINIDAD	11 16
TEJADA	AUGUSTINE	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 15
WARSAVAGE	THEODORE	TIANJIN INTER. SCHOOL	HONG KONG	11 17

2003 Pascal Contest / Concours Pascal 2002

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|------|-------|-------|-------|-------|
| 1. A | 6. C | 11. A | 16. E | 21. C |
| 2. D | 7. E | 12. B | 17. A | 22. D |
| 3. B | 8. A | 13. B | 18. E | 23. A |
| 4. E | 9. C | 14. D | 19. C | 24. B |
| 5. C | 10. D | 15. D | 20. D | 25. A |

2003 Cayley Contest / Concours Cayley 2002

- | | | | | |
|------|-------|-------|-------|-------|
| 1. D | 6. A | 11. E | 16. B | 21. E |
| 2. A | 7. C | 12. D | 17. E | 22. D |
| 3. D | 8. C | 13. B | 18. A | 23. B |
| 4. A | 9. A | 14. B | 19. C | 24. E |
| 5. B | 10. D | 15. A | 20. D | 25. C |

2003 Fermat Contest / Concours Fermat 2002

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|------|-------|-------|-------|-------|
| 1. E | 6. D | 11. A | 16. C | 21. D |
| 2. A | 7. C | 12. E | 17. C | 22. A |
| 3. E | 8. A | 13. B | 18. D | 23. C |
| 4. B | 9. A | 14. A | 19. A | 24. C |
| 5. D | 10. B | 15. D | 20. C | 25. B |

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