

# 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

# 2002 *Results*

## *Pascal Contest* (Grade 9)

## *Cayley Contest* (Grade 10)

## *Fermat Contest* (Grade 11)

for the

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

# 2002 *Résultats*

## *Concours Pascal* (9<sup>e</sup> année – Sec. III)

## *Concours Cayley* (10<sup>e</sup> année – Sec. IV)

## *Concours Fermat* (11<sup>e</sup> année – Sec. V)

pour les prix

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## Table of Contents

## Table des matières

<b>Foreword / Avant-Propos .....</b>	1
<b>Comments / Commentaires .....</b>	2
<b>Enrolment / Inscription .....</b>	3
<b>Champions - 2002 / Champions - 2002 .....</b>	4
<b>The Centre for Education in Mathematics and Computing Prize List / Liste des prix de la Centre d'Éducation en Mathématiques et en Informatique .....</b>	6
<b>Pascal Contest / Concours Pascal</b>	
Canadian Team Honour Roll / Palmarès des équipes à l'échelle nationale .....	8
Canadian Student Honour Roll / Palmarès des élèves à l'échelle nationale .....	9
Statistics for Canada / Statistiques pour Canada .....	15
Student Rankings / Classement des élèves .....	15
<b>Cayley Contest / Concours Cayley</b>	
Canadian Team Honour Roll / Palmarès des équipes à l'échelle nationale .....	16
Canadian Student Honour Roll / Palmarès des élèves à l'échelle nationale .....	17
Statistics for Canada / Statistiques pour Canada .....	22
Student Rankings / Classement des élèves .....	22
<b>Fermat Contest / Concours Fermat</b>	
Canadian Team Honour Roll / Palmarès des équipes à l'échelle nationale .....	23
Canadian Student Honour Roll / Palmarès des élèves à l'échelle nationale .....	24
Statistics for Canada / Statistiques pour Canada .....	29
Student Rankings / Classement des élèves .....	29
<b>International Results / Résultats internationaux .....</b>	30
<b>Answers / Réponses .....</b>	35

## The Competition Organization

## Organisation du Concours

### Executive Committee / Comité exécutif

Barry Ferguson (Director / Directeur),  
Peter Crippin, Ruth Malinowski, Ian VanderBurgh  
Barry Ferguson, University of Waterloo  
Steve Breen, University of Waterloo  
Don Cowan, University of Waterloo  
Matthew Oliver, University of Waterloo  
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, Yousif Braz, Stéphane Doiron

### Director of Operations / Le directeur d'opération

### Computer Operation / Ordinatique

### Publications / Publications

### Preparation of Materials / Préparation du matériel

### French Edition / Version française

### Technical Assistants / Adjoints 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  
Mike Eden, Preston D.H.S., Cambridge  
Jim Schurter, (retired / retraité) Listowel  
Tyler Somer, Academy For Gifted Chidren - P.A.C.E., Richmond Hill  
Anna Spanik, Halifax West H.S., Halifax

#### Challenges /

Jim Nakamoto, (Chair / président), Sir Winston Churchill C.I., Vancouver  
Don Curran, (retired / retraité), Oshawa  
Rad de Peiza, Upper Canada College, Toronto  
André Ladouceur, Réseau de l'est, Vanier  
Tino Lenti, Lo Ellen Park S.S., Sudbury  
Peter O'Hara, Glendale H.S., Tillsonburg

#### Cayley Contest / Concours Cayley

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

#### 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

#### Fermat Contest / Concours Fermat

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

#### Validation Committee / Comité de validation

John Barsby, St. John's-Ravenscourt School, Winnipeg  
Jean Collins, (retired / retraité), Thornhill  
Tom Griffiths, (retired / retraité), London  
Frank Rachich, (retired / retraité), Ingersoll  
Larry Rice, University of Toronto Schools, Toronto  
Ron Scions, University of Waterloo, Waterloo

### Canadian Open Mathematics Challenge / Défi ouvert canadien de mathématiques

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

**The CENTRE for EDUCATION  
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**Le CENTRE d'ÉDUCATION  
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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 39<sup>th</sup> 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 Canadian 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 39<sup>e</sup> 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 résoudreurs 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!

## 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. Some people have suggested that this has made the contests "too easy" and on which it is "not a challenge to score perfect". The number of perfect scores in this year's contests were 26 in Pascal, 23 in Cayley, and 26 in Fermat. This represents less than 0.2% of all contestants, which is not too high a rate. 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, my first as Director following the retirement of Ron Scions. I look forward to continuing in support of your efforts on behalf of students.



Barry A. Ferguson,  
Director.

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 introductory et intermédiaire des concours accessibles à un plus grand nombre de participants. Résultat : les notes moyennes sont les plus élevées depuis dix ans. On a laissé entendre que cette accessibilité accrue avait diminué le niveau de difficultés des concours et augmenté le nombre de notes parfaites. En réalité, moins de 0,2% des participants ont obtenu une note parfaite (soit 26 pour le concours Pascal, 23 pour le concours Cayley et 26 pour le concours Fermat), ce qui est tout à fait acceptable. 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.

Enfin, j'aimerais remercier tous les participants des concours de l'édition 2002, ma première édition à titre de directeur à la suite du départ de Ron Scions. Je souhaite sincèrement avec votre appui faire des prochaines éditions un franc succès pour tous les élèves.



Barry A. Ferguson  
Directeur

### Enrolment by provinces / Inscriptions classées par province

	Number of schools / Nombre d'écoles	Number of students / Nombre d'élèves			
Province	Pascal/Cayley/Fermat	Pascal	Cayley	Fermat	Province
Newfoundland	90	1605	1087	977	Terre-Neuve
Nova Scotia	40	497	842	680	Nouvelle-Écosse
New Brunswick	38	710	786	816	Nouveau-Brunswick
P.E.I.	13	277	40	50	Île-du-Prince-Édouard
Quebec	128	3514	2724	2489	Québec
Ontario	682	15931	14223	12690	Ontario
Manitoba	70	1394	1005	850	Manitoba
Saskatchewan	47	916	826	727	Saskatchewan
Alberta	106	2224	1277	1060	Alberta
British Columbia	204	6389	5642	4454	Colombie-Britannique
Total	<hr/> 1418	<hr/> 33457	<hr/> 28452	<hr/> 24793	

Total number of students enrolled / Nombre d'inscriptions individuelles :  
86 702

**2002 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS**  
**PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2002**

**PASCAL CONTEST / CONCOURS PASCAL**

**STUDENTS / ÉLÈVES**

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

<b>Gold Medals</b> <b>Médailles d'or</b>	<b>School</b> <b>École</b>	<b>Location</b> <b>Endroit</b>	<b>Grade</b> <b>Niveau</b>	<b>Age</b> <b>Âge</b>
Milos Agatonovic	Waterloo Collegiate Institute	Waterloo, ON	9	13
Andrei Borac	Home School	Picton, ON	9	14
Jimmy Deng	Earl Haig Secondary School	North York, ON	9	14
Amy Gao	Westdale Secondary School	Hamilton, ON	9	14
Alexander Ip	Agincourt Collegiate Institute	Agincourt, ON	9	14
Ari Jeon	North Toronto Collegiate Institute	Toronto, ON	9	15
Daniel Kwak	Lower Canada College	Montreal, QC	9	14
Vincent Lau	Eric Hamber Secondary School	Vancouver, BC	9	14
Peng Liu	Glebe Collegiate Institute	Ottawa, ON	9	15
Sandy Liu	Scarlett Heights Ent. Academy	Etobicoke, ON	9	14
Taotao Liu	Vincent Massey Secondary School	Windsor, ON	9	13
Ho Man Lo	Traditional Learning Academy	Coquitlam, BC	9	13
Kalvin Lung	University of Toronto Schools	Toronto, ON	8	13
Jingting Ma	Kelvin High School	Winnipeg, MB	9	15
Susan Ma	Bell High School	Nepean, ON	9	14
Jie Min	Zion Heights Junior High School	North York, ON	9	14
Yuchen Mu	Acadia Junior High School	Winnipeg, MB	8	13
Hunter Song	Highland Junior High School	North York, ON	9	14
Lui Theodore	Upper Canada College Preparatory School	Toronto, ON	8	13
Bob Wang	Merivale High School	Nepean, ON	9	14
Cecilia Wang	Vernon Barford School	Edmonton, AB	9	15
Steven Wu	Eric Hamber Secondary School	Vancouver, BC	9	14
Jimmy Ye	L'Amoreaux Collegiate Institute	Agincourt, ON	9	15
Xiao Yu	E.S. Félix-Leclerc	Pointe-Claire, QC	9	15
Johnny Zhang	William Lyon Mackenzie Collegiate Institute	Toronto, ON	9	14
Jennifer Zhen	Prince of Wales Secondary School	Vancouver, BC	9	14

**TEAMS / ÉQUIPES**

	<b>School</b> <b>École</b>	<b>Location</b> <b>Endroit</b>	<b>Score</b> <b>Note</b>
Champion / Première :	Zion Heights Junior High School	North York, ON	438
	Acadia Junior High School	Winnipeg, MB	438
	Earl Haig Secondary School	North York, ON	438
	Eric Hamber Secondary School	Vancouver, BC	438
	Vincent Massey Secondary School	Windsor, ON	438
	University of Toronto Schools	Toronto, ON	438

**CAYLEY CONTEST / CONCOURS CAYLEY****STUDENTS / ÉLÈVES**

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

<b>Gold Medals Médailles d'or</b>	<b>School École</b>	<b>Location Endroit</b>	<b>Grade Niveau</b>	<b>Age Âge</b>
Jacob Baskin	University of Toronto Schools	Toronto, ON	10	14
Allan Cai	Bayview Secondary School	Richmond Hill, ON	10	16
Li Anne Chan	Woburn Collegiate Institute	Toronto, ON	10	15
Wesley Chan	J.N. Burnett Secondary School	Richmond, BC	9	14
Tony Chen	Sequam Secondary School	North Delta, BC	9	14
Leo Cheng	David Thompson Secondary School	Vancouver, BC	10	15
David Collister	St. John's-Ravenscourt School	Winnipeg, MB	10	16
Hamoon Ekhtiari	Newtonbrook Secondary School	North York, ON	10	15
Arash Joushaghani	Newtonbrook Secondary School	North York, ON	10	15
Heejune Jun	St. Robert Catholic High School	Thornhill, ON	10	16
Eleanor Lin	David Thompson Secondary School	Vancouver, BC	10	15
Vishvajit Singh	Markville Secondary School	Markham, ON	10	15
Geoffrey Siu	London Central Secondary School	London, ON	9	13
S.R.H. Sun	St. Mary's School	Okotoks, AB	8	13
Yehua Wei	York Mills Collegiate Institute	North York, ON	10	16
Diane Wu	Burnaby North Secondary School	Burnaby, BC	10	14
Yang Xia	Vincent Massey Secondary School	Windsor, ON	10	15
George Ye	Sir John A. Macdonald Collegiate Institute	Agincourt, ON	10	15
Ti Yin	William Lyon Mackenzie Collegiate Institute	Toronto, ON	10	14
Tom Yue	A.Y. Jackson Secondary School	North York, ON	10	15
Yang Zhan	The Woodlands Secondary School	Mississauga, ON	10	15
David Zhang	Burnaby North Secondary School	Burnaby, BC	10	16
Xixiang Zhou	David Thompson Secondary School	Vancouver, BC	10	15

**TEAMS / ÉQUIPES**

	<b>School École</b>	<b>Location Endroit</b>	<b>Score Note</b>
Champion / Première :	David Thompson Secondary School	Vancouver, BC	450
Second / Deuxième :	Burnaby North Secondary School	Burnaby, BC	444
Third / Troisième :	Vincent Massey Secondary School	Windsor, ON	438
Fifth / Cinquième :	York Mills Collegiate Institute	North York, ON	438
	Newtonbrook Secondary School	North York, ON	436

**FERMAT CONTEST / CONCOURS FERMAT****STUDENTS / ÉLÈVES**

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

<b>Gold Medals Médailles d'or</b>	<b>School École</b>	<b>Location Endroit</b>	<b>Grade Niveau</b>	<b>Age Âge</b>
Robbie Campbell	Selwyn House School	Montreal, QC	11	16
Aaron Chan	J.N. Burnett Secondary School	Richmond, BC	11	16
Liz Chang	Earl Haig Secondary School	North York, ON	11	16
Mike Chang	Richmond Secondary School	Richmond, BC	11	13
Wein Chang	Enver Creek Secondary School	Surrey, BC	11	17
Tiffany Chao	Sir Winston Churchill Secondary School	Vancouver, BC	11	16
Carl Choi	Ridley College	St. Catharines, ON	11	16
William Choi	Pine Ridge Secondary School	Pickering, ON	11	17
Alex Chou	Semiahmoo Sr. Secondary School	Surrey, BC	11	17
Alexander Fink	Queen Elizabeth High School	Calgary, AB	11	15
Justin Francis	Lisgar Collegiate Institute	Ottawa, ON	11	16
Ralph Furmaniak	Tom Griffiths Home School	London, ON	11	16
Marina Hu	Burnaby South Secondary School	Burnaby, BC	11	16
Gladys Lai	University Hill Secondary School	Vancouver, BC	11	16
Yichuan Liu	University Hill Secondary School	Vancouver, BC	10	16
Andrew Mao	H.B. Beal Secondary School	London, ON	10	15
Maximillian Butler	Tom Griffiths Home School	London, ON	11	16
Sergei Mochtchenkov	Richmond Secondary School	Richmond, BC	11	16
Sunphil Paik	Dr. Charles Best Secondary School	Coquitlam, BC	11	17
Meghan Shan	Winston Churchill High School	Lethbridge, AB	11	15
Adam Silver	Don Mills Collegiate Institute	Don Mills, ON	11	17
Jacob Tsimerman	University of Toronto Schools	Toronto, ON	8	13
Yifei Wang	Vincent Massey Secondary School	Windsor, ON	11	16
Samuel Wong	University Hill Secondary School	Vancouver, BC	11	16
Jeff Zhao	Eric Hamber Secondary School	Vancouver, BC	10	16
Liang Zhao	College St-Louis	Lasalle, QC	11	17

**TEAMS / ÉQUIPES**

	<b>School École</b>	<b>Location Endroit</b>	<b>Score Note</b>
Champion / Première :	University Hill Secondary School	Vancouver, BC	450
Second / Deuxième :	Vincent Massey Secondary School	Windsor, ON	438
	Richmond Secondary School	Richmond, BC	438
	Don Mills Collegiate Institute	Don Mills, ON	438
Fifth / Cinquième :	Eric Hamber Secondary School	Vancouver, BC	436

**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 2002 FERMAT CONTEST**  
**POUR RENDEMENT SUPÉRIEUR AU CONCOURS FERMAT 2002**

**PROVINCIAL CHAMPIONS / CHAMPIONS PROVINCIAUX**

Catherine Snow	St. Bonaventure's High School	St. John's, NF	\$200
Ben Turnbull	The Halifax Grammar School	Halifax, NS	200
Stuart MacGillivray	Fredericton High School	Fredericton, NB	200
Allan Stewart	Charlottetown Rural High School	Charlottetown, PEI	200
Liang Zhao	College St. Louis Lasalle	Lasalle, QC	200
Robbie Campbell	Selwyn House School	Montreal, QC	200
Adam Cousins	St. Ignatius High School	Thunder Bay	- ON North 200
Kathleen Lee	Lo-Ellen Secondary School	Sudbury	- ON North 200
William Choi	Pine Ridge Secondary School	Pickering	- ON East 200
Justin Francis	Lisgar Collegiate Institute	Ottawa	- ON East 200
Liz Chang	Earl Haig Secondary School	North York	- ON Metro 200
Adam Silver	Don Mills Secondary School	Don Mills	- ON Metro 200
Jacob Tsimerman	University of Toronto Schools	Toronto	- ON Metro 200
Carl Choi	Ridley College	St. Catharines	- ON Central 200
Max Butler	Tom Griffiths Home School	London	- ON West 200
Ralph Furmaniuk	Tom Griffiths Home School	London	- ON West 200
Andrew Mao	H.B. Beal Secondary School	London	- ON West 200
Yifei Wang	Vincent Massey Secondary School	Windsor	- ON West 200
Li Ji Huang	Portage Collegiate Institute	Portage la Prairie, MB	200
William Truong	Campbell Collegiate Institute	Regina, SK	200
Meghan Shan	Winston Churchill High School	Lethbridge, AB	200
Alexander Fink	Queen Elizabeth High School	Calgary, AB	200
Mike Chang	Richmond Secondary School	Richmond, BC	200
Wein Chang	Enver Creek Secondary School	Surrey, BC	200
Aaron Chan	J.N. Burnett Secondary School	Richmond, BC	200
Tiffany Chao	Sir Winston Churchill Secondary School	Vancouver, BC	200
Alex Chou	Semiahmoo Sr. Secondary School	Surrey, BC	200
Marina Hu	Burnaby South Secondary School	Burnaby, BC	200
Gladys Lai	University Hill Secondary School	Vancouver, BC	200
Yichuan Liu	University Hill Secondary School	Vancouver, BC	200
Sergei Mochtchenkov	Richmond Secondary School	Richmond, BC	200
Sunphil Paik	Dr. Charles Best Secondary School	Coquitlam, BC	200
Samuel Wong	University Hill Secondary School	Vancouver, BC	200
Jeff Zhao	Eric Hamber Secondary School	Vancouver, BC	200

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

	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	SCORE NOTE
1	UNIVERSITY HILL S.S.	VANCOUVER	BC	450
2	VINCENT MASSEY S.S. RICHMOND S.S.	WINDSOR RICHMOND	ON BC	438 438
	DON MILLS C.I.	DON MILLS	ON	438
5	ERIC HAMBER S.S.	VANCOUVER	BC	436
6	BURNABY SOUTH S.S.	BURNABY	BC	433
7	DAVID THOMPSON S.S. LISGAR C.I.	VANCOUVER OTTAWA	BC ON	432 432
9	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	431
10	EARL HAIG S.S. JARVIS C.I.	NORTH YORK TORONTO	ON ON	430 430
12	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	429
13	NORTHERN S.S.	TORONTO	ON	428
14	GLENFOREST S.S. A.Y. JACKSON S.S.	MISSISSAUGA NORTH YORK	ON ON	426 426
16	WESTERN CANADA H.S.	CALGARY	AB	424
17	J.N. BURNETT S.S.	RICHMOND	BC	422
18	MARC GARNEAU C.I. SELWYN HOUSE SCHOOL	DON MILLS MONTREAL	ON QC	420 420
	MOSCROP Secondary School	BURNABY	BC	420
21	UPPER CANADA COLLEGE	TORONTO	ON	419
22	LESTER B. PEARSON H.S.	BURLINGTON	ON	418
23	VAUGHAN S.S. WATERLOO C.I.	THORNHILL WATERLOO	ON ON	416 416
25	PORT MOODY S.S.S. ST. MICHAEL'S COLLEGE SCHOOL	PORT MOODY TORONTO	BC ON	415 415
	THORNHILL S.S.	THORNHILL	ON	415
	BURNABY NORTH S.S.	BURNABY	BC	415
29	ST. JOHN'S-RAVENSCOURT SCHOOL E.S. ST-LUC	WINNIPEG MONTREAL	MB QC	414 414
31	CROFTON HOUSE SCHOOL	VANCOUVER	BC	412
32	LOWER CANADA COLLEGE E.S. DE ROCHEBELLE	MONTREAL STE. FOY	QC QC	411 411
	ENVER CREEK S.S.	SURREY	BC	411
35	PACIFIC ACADEMY	SURREY	BC	410
36	LORD BYNG S.S.	VANCOUVER	BC	409
37	LINDSAY PLACE H.S. SEAQUAM S.S.	POINTE CLAIRE NORTH DELTA	QC BC	408 408
	WILLIAM LYON MACKENZIE C.I.	TORONTO	ON	408
40	DR. NORMAN BETHUNE C.I. CHARLES E. LONDON S.S.	SCARBOROUGH RICHMOND	ON BC	407 407
42	THE WOODLANDS S.S. SEMIAHMOO S.S.S.	MISSISSAUGA SURREY	ON BC	406 406
	ST. GEORGE'S SCHOOL	VANCOUVER	BC	406
45	MARKHAM D.H.S.	MARKHAM	ON	405
46	THE HALIFAX GRAMMAR SCHOOL H.J. CAMBIE S.S.	HALIFAX RICHMOND	NS BC	404 404
	ALBERT CAMPBELL C.I. ELMIRA D.S.S.	SCARBOROUGH ELMIRA	ON ON	404 404
50	HAVERGAL COLLEGE	TORONTO	ON	403
51	SAINT JOHN H.S. ECOLE JEAN XXIII	SAINT JOHN DORVAL	NB QC	402 402
	SENTINEL S.S.	WEST VANCOUVER	BC	402

Rank / Position	Scores / Notes
54 - 99	401 - 385
101 - 196	384 - 365
205 - 295	364 - 352
305 - 392	351 - 340
402 - 495	339 - 328
502 - 595	327 - 317
605 - 695	316 - 304
704 - 799	303 - 288

There were 975 three-student teams.  
Il y avait 975 équipes de trois élèves.









**Fermat Contest – Canada****Concours Fermat – Canada**

CHEUNG	AGATHA	THORNHILL S.S.	THORNHILL	ON	11	16
CHEUNG	JONATHAN	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	11	16
CHEW	DEREK	PORT MOODY S.S.S.	PORT MOODY	BC	11	16
CHOW	DENNING	DON MILLS C.I.	DON MILLS	ON	11	16
CHOW	VINCA	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	11	16
DEBOER	RYAN	LESTER B. PEARSON H.S.	BURLINGTON	ON	11	16
DRESSER	DANIEL	NEWMARKET H.S.	NEWMARKET	ON	11	16
ESFAHANIAN	EHSAN	R.C. PALMER S.S.	RICHMOND	BC	11	16
GANDHI	MANOJ	GLENFOREST S.S.	MISSISSAUGA	ON	11	16
GONG	CHRIS	RICHMOND S.S.	RICHMOND	BC	11	16
GREEN	JEREMY	RICHVIEW C.I.	ETOBI COKE	ON	11	16
GREENE	EUGENE	VINCENT MASSEY S.S.	WINDSOR	ON	11	16
GU	LIFENG	ECOLE INTER. DE MONTREAL	WESTMOUNT	QC	11	16
HUI	ISAAC	ERIC HAMBER S.S.	VANCOUVER	BC	11	16
HUNG	JOE	DAVID THOMPSON S.S.	VANCOUVER	BC	11	13
IUCHI	JULIAN	WESTERN CANADA H.S.	CALGARY	AB	11	16
JASON	LU	FRASER HEIGHTS S.S.	SURREY	BC	11	16
JIANG	MIKE	WATERLOO C.I.	WATERLOO	ON	11	16
KELNER	LEONID	POLYVALENTE SAINT-HENRI	MONTREAL	QC	11	16
LEE	JJ	BURNABY MOUNTAIN S.S.	BURNABY	BC	11	16
LEE	KENNETH	THE WOODLANDS S.S.	MISSISSAUGA	ON	11	16
LEUNG	JONATHAN	ST. ROBERT C.H.S.	THORNHILL	ON	11	16
LEVIN	JORDAN	KAMLOOPS S.S.S.	KAMLOOPS	BC	11	16
LI	C SILVIA	RIVERDALE C.I.	TORONTO	ON	11	16
LOWES	DEREK	TAMANAWIS	SURREY	BC	11	15
PARK	JESSICA	PACIFIC ACADEMY	SURREY	BC	11	17
PROMISLOW	STEVEN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11	16
RAJA	SHEIL	LOWER CANADA COLLEGE	MONTREAL	QC	11	17
SUN	HUAFEI	SECONDAIRE EMILE LEGAULT	SAINT-LAURENT	QC	11	17
TAIAKINA	VALENTINA	T.A. BLAKELOCK H.S.	OAKVILLE	ON	11	16
TANG	TERRY	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	11	16



**PASCAL CONTEST / CONCOURS PASCAL**  
**TEAMS / ÉQUIPES**

SCHOOL ÉCOLE	LOCATION ENDROIT	SCORE NOTE
1 MATHEMATICS TRAINERS' GUILD THE INT. SCHOOL OF BEIJING	ZAMBOANGA CITY, PHILLIPINES BEIJING, CHINA	400 400
3 INTER. SCHOOL OF BRUSSELS	BRUSSELS, BELGIUM	388
4 NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	380
5 CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	371
6 COLAISTE AN SPIORAIID NAOIMH	CORK, IRELAND	363
7 TIANJIN INTER. SCHOOL	TIANJIN, CHINA	362
8 WARWICK ACADEMY	WARWICK, BERMUDA	356
9 NAGOYA INTER. SCHOOL	NAGOYA, JAPAN	348
CANADIAN INTERNATIONAL SCHOOL	SINGAPORE	348
11 DELIA SCHOOL OF CANADA S.S.	HONG KONG	340
12 INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	327
13 YEW CHUNG INT. SCHOOL	KOWLOON, HONG KONG	320
14 PRESENTATION COLLEGE	SAN FERNANDO, WEST INDIES	318
15 CANTERBURY SCHOOL	NEW MILFORD, CONNECTICUT	313
16 CANADIAN SCHOOL OF INDIA	BANGALORE, INDIA	271
17 PRESENTATION S.S.	CORK, IRELAND	172

## STUDENTS / ÉLÈVES

NAME NOM	SCHOOL ÉCOLE	LOCATION ENDROIT	GR NIVEAU	AGE AGE
<b>GROUP I / GROUPE I</b>				
CHEU	KYNA	MATHEMATICS TRAINERS' GUILD	8	12
CHO	GLORIA	TIANJIN INTER. SCHOOL	9	14
MARFIL	RAMON	MATHEMATICS TRAINERS' GUILD	8	13
PARK	CHANG KYUN	DELIA SCHOOL OF CANADA S.S.	9	14
YOON	CHANGHOON	THE INT. SCHOOL OF BEIJING	9	15
<b>GROUP II / GROUPE II SCORES / NOTES 132 - 124</b>				
BALDEO	CHERISSE	NAPARIMA GIRLS H.S.	9	14
GE	YUNLEI	THE INT. SCHOOL OF BEIJING	9	14
HATTON	MICHAEL	INTER. SCHOOL OF BRUSSELS	9	14
HURLEY	LAURA	COLAISTE AN SPIORAIID NAOIMH	9	14
HWANH	JUNGEUN	THE INT. SCHOOL OF BEIJING	9	15
PARKER	BERNARD	THE INT. SCHOOL OF BEIJING	8	12
RAMHARACK	NADINE	NAPARIMA GIRLS H.S.	9	14
RAY	KOLYAN	LA CHATAIGNERAIE INT. SCHOOL	9	14
SEMPER	CHARISSE	NAPARIMA GIRLS H.S.	9	14
SHPIRO	ADAM	INTER. SCHOOL OF BRUSSELS	9	14
SUGIKI	TAKASHI	INTER. SCHOOL OF BRUSSELS	9	15
WONG	SZE HO	CANADIAN INTER. SCHOOL OF HONG KONG	9	14
YEUNG	JAMES	THE INT. SCHOOL OF BEIJING	9	15
YEUNG	MELISSA	THE INT. SCHOOL OF BEIJING	8	14
<b>GROUP III / GROUPE III SCORES / NOTES 123 - 120</b>				
BARSADEH	ORGAD	INTER. SCHOOL OF BRUSSELS	9	15
BRANGMAN	JUSTIN	WARWICK ACADEMY	9	14
CHOW	EDWARD	CANADIAN INTER. SCHOOL OF HONG KONG	9	14
DUALEH	AMALIE	LA CHATAIGNERAIE INT. SCHOOL	9	14
GALLO	JOHNNY	WARWICK ACADEMY	9	14
HAN	SEONGNOOK	NAGOYA INTER. SCHOOL	9	15
HELLER	ASAF	INTER. SCHOOL OF BRUSSELS	9	15
HONG	NARANG	NAGOYA INTER. SCHOOL	9	14
HUANG	VICKY	THE INT. SCHOOL OF BEIJING	9	15
KIM	MINSUK	CANADIAN INTERNATIONAL SCHOOL	9	14
MIRAVITE	PATRICIA	MATHEMATICS TRAINERS' GUILD	8	11
OWSLEY	ELIZABETH	TIANJIN INTER. SCHOOL	9	14
REA	KENNETH	Colaiste an Spioraid Naoimh	9	15
REN LD	ANDREA	INTER. SCHOOL OF BRUSSELS	9	15
ROOPCHAND	SAPNA	NAPARIMA GIRLS H.S.	9	14

## **International Results**

## **Résultats internationaux**

GROUP IV / GROUPE IV			SCORES / NOTES	119 - 114
BACHAN	KRYSYAL	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	9     14
BENTO	EDWIN	WARWICK ACADEMY	WARWICK, BERMUDA	9     14
CHAN	RYAN	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	9     15
CHAN	TOMMY	YEW CHUNG INT. SCHOOL	KOWLOON, HONG KONG	9     14
CHUA	JOHN BRYAN	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8     12
CHUA	NELLIE	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8     11
COONEY	CLARE	COLAISTE AN SPIORAID NAOIMH	CORK, IRELAND	8     13
czarnecki	ANDREW	INTER. SCHOOL OF BRUSSELS	BRUSSELS, BELGIUM	9     15
DAWSON	AMANDA	INTER. SCHOOL OF BRUSSELS	BRUSSELS, BELGIUM	9     14
GUPTA	VIVEK	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	9     14
HENDRICKSON	JANE	INTER. SCHOOL OF BRUSSELS	BRUSSELS, BELGIUM	9     14
JUNG	VENESSA	DELIA SCHOOL OF CANADA S.S.	HONG KONG	9     15
JUNG T AEK	LEE	INTER. SCHOOL OF BRUSSELS	BRUSSELS, BELGIUM	9     14
KEHRLI	MAXIMILLIA	WARWICK ACADEMY	WARWICK, BERMUDA	9     14
KENNEDY	DONAL	COLAISTE AN SPIORAID NAOIMH	CORK, IRELAND	9     15
KING	SOPHIE	LA CHATAIGNERAIE INT. SCHOOL	SWITZERLAND	9     13
LOPEZ	ALEX	COLAISTE AN SPIORAID NAOIMH	CORK, IRELAND	9     14
MARSHALL	TYLER	WARWICK ACADEMY	WARWICK, BERMUDA	9     14
MONZON	JAN DAVID	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8     13
PHILLIPSON	BRETTE	CANADIAN INTERNATIONAL SCHOOL	SINGAPORE	9     14
RAGOONANAN	TERRIANN	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	9     14
RAMLAKHAN	GIRIJAA	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	9     13
SHEEHAN	DAVID	COLAISTE AN SPIORAID NAOIMH	CORK, IRELAND	9     14
SMITH	OLA	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	9     14
TELISO	LEO PATRIC	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8     13
TSE	CHERRIE	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	9     14
VILLAR	DANIEL	LA CHATAIGNERAIE INT. SCHOOL	SWITZERLAND	9     14
WU	KAREN	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	8     13

## **CAYLEY CONTEST / CONCOURS CAYLEY**

### **TEAMS / ÉQUIPES**

	SCHOOL ECOLE	LOCATION ENDROIT	SCORE NOTE
1	DELIA SCHOOL OF CANADA S.S.	HONG KONG	414
2	TIANJIN INTER. SCHOOL	TIANJIN, CHINA	404
3	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	398
4	PRESENTATION COLLEGE	SAN FERNANDO, WEST INDIES	394
5	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	393
6	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	392
7	YEW CHUNG INT. SCHOOL	KOWLOON, HONG KONG	389
8	BELVEDERE COLLEGE	DUBLIN, IRELAND	380
9	CANADIAN INTER. SCHOOL OF HONG KONG INTERNATIONAL SCHOOL OF GENEVA	ABERDEEN, HONG KONG GENEVA, SWITZERLAND	370
11	HILLVIEW COLLEGE	TUNAPUNA, WEST INDIES	362
12	COLAISTE AN SPIORAID NAOIMH	CORK, IRELAND	351
13	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	343
14	WARWICK ACADEMY	WARWICK, BERMUDA	329
15	CANADIAN SCHOOL OF INDIA	BANGALORE, INDIA	326
16	CANADIAN INTERNATIONAL SCHOOL	SINGAPORE	318
17	CANTERBURY SCHOOL	NEW MILFORD, CONNECTICUT	317
18	NAGOYA INTER. SCHOOL	NAGOYA, JAPAN	306
19	PRESENTATION S.S.	CORK, IRELAND	161

### **STUDENTS / ÉLÈVES**

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	GR AGE	NIVEAU AGE
GROUP I / GROUPE I				
ANTOINE	BRANDON	PRESENTATION COLLEGE	SAN FERNANDO, WEST INDIES	9     15
CHAU	JIMMY	YEW CHUNG INT. SCHOOL	KOWLOON, HONG KONG	10    14
CHOONG GUN	LEE	DELIA SCHOOL OF CANADA S.S.	HONG KONG	10    16
EUN CHANG	LEE	DELIA SCHOOL OF CANADA S.S.	HONG KONG	10    16
SUN	JOHNNY	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	10    16
WARSavage	THEODORE	TIANJIN INTER. SCHOOL	TIANJIN, CHINA	10    16

## International Results

## Résultats internationaux

GROUP II / GROUPE II		SCORES / NOTES 134 - 130			
CLANCY	ROBERT	BELVEDERE COLLEGE		DUBLIN, IRELAND	10 15
FUNG	TERESA	YEW CHUNG INT. SCHOOL		KOWLOON, HONG KONG	10 14
GOKSU	ARINC	AMERICAN COLLEGIATE INST.		IZMIR, TURKEY	10 15
HUH	JINHONG	THE INT. SCHOOL OF BEIJING		BEIJING, CHINA	10 16
KUTUKCU	CAN	AMERICAN COLLEGIATE INST.		IZMIR, TURKEY	10 15
LEE	JED	MATHEMATICS TRAINERS' GUILD		ZAMBOANGA CITY, PHILLIPINES	8 14
LEE LOY	JUSTIN	HILLVIEW COLLEGE		TUNAPUNA, WEST INDIES	10 15
LOCHOVSKY	CONRAD	CANADIAN INTER. SCHOOL OF HONG KONG		ABERDEEN, HONG KONG	10 16
MALLARI	MONZENN	MATHEMATICS TRAINERS' GUILD		ZAMBOANGA CITY, PHILLIPINES	8 13
MANGALSINGH	DALELAN	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	10 17
NISHIMOTO	MEGUMI	DELIA SCHOOL OF CANADA S.S.		HONG KONG	10 16
OWSLEY	LUKE	TIANJIN INTER. SCHOOL		TIANJIN, CHINA	10 16
SABIT	FIRAT	AMERICAN COLLEGIATE INST.		IZMIR, TURKEY	10 16
GROUP III / GROUPE III		SCORES / NOTES 128 - 124			
ANG	CHARLES	MATHEMATICS TRAINERS' GUILD, P		ZAMBOANGA CITY, PHILLIPINES	8 13
CAPRIO	RALPH	INTERNATIONAL SCHOOL OF GENEVA		GENEVA, SWITZERLAND	10 13
CHO	HONGSEOK	TIANJIN INTER. SCHOOL		TIANJIN, CHINA	10 16
CHOU	YUN HSUAN	TEDA INTERNATIONAL SCHOOL		TIANJIN, CHINA	9 15
ELY	KRISTA	TIANJIN INTER. SCHOOL		TIANJIN, CHINA	10 15
KHAN	SADE	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	10 16
KHOR	HUIXUAN	TIANJIN INTER. SCHOOL		NANKAI DIST. TIANJIN	10 16
MAO	MARVIN	THE INT. SCHOOL OF BEIJING		JAING TAI RD. BEIJING	10 15
MOHAN	VIDASH	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	9 15
RYAN	STEPHEN	BELVEDERE COLLEGE		DUBLIN, IRELAND	9 14
RYU	HYEMIN	TIANJIN INTER. SCHOOL		TIANJIN, CHINA	10 16
SHIN	HYELIM	TIANJIN INTER. SCHOOL		TIANJIN, CHINA	10 17
SINGH	VARINDA	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	10 16
WILLIAMS	AARON	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	9 15
ZHAN	JIMMY	INTERNATIONAL SCHOOL OF GENEVA		GENEVA, SWITZERLAND	10 14
GROUP IV / GROUPE IV		SCORES / NOTES 123 - 118			
BHAGALOO	VISHAM	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	9 15
CHEN	WEI HAN	TEDA INTERNATIONAL SCHOOL		TIANJIN, CHINA	10 16
DALY	CONRAD	COLAISTE AN SPIORAID NAOIMH		CORK, IRELAND	10 16
DUFFY	SARAH	COLAISTE AN SPIORAID NAOIMH		CORK, IRELAND	10 16
LAU	JOHNY	YEW CHUNG INT. SCHOOL		KOWLOON, HONG KONG	10 15
LEE	CATARINA	TIANJIN INTER. SCHOOL		TIANJIN, CHINA	10 17
LEE	MARGARET	CANADIAN INTER. SCHOOL OF HONG KONG		ABERDEEN, HONG KONG	10 15
MATHURA	DAVID	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	10 16
NAGANE	NORIKO	TIANJIN INTER. SCHOOL		TIANJIN, CHINA	10 16
NAHMIAS	ISAK	AMERICAN COLLEGIATE INST.		IZMIR, TURKEY	10 15
NOOR	NURMAN	DELIA SCHOOL OF CANADA S.S.		HONG KONG	10 15
ODONOGHUE	JACK	BELVEDERE COLLEGE		DUBLIN, IRELAND	10 15
OGUZ	SAMI	AMERICAN COLLEGIATE INST.		IZMIR, TURKEY	10 16
RAMNATH	LARRY	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	10 16
RAMROOP	RAJESH	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	10 16
RAMSUNDAR	CARLYLE	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	10 16
RAVELLO	CARLOS	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	10 16
RYDER	MICHAEL	BELVEDERE COLLEGE		DUBLIN, IRELAND	9 15
SHUM	ANSLIE	CANADIAN INTER. SCHOOL OF HONG KONG		ABERDEEN, HONG KONG	10 15
SO	BRIAN	MATHEMATICS TRAINERS' GUILD		ZAMBOANGA CITY, PHILLIPINES	8 13
SOOKRAM	YASHODA	NAPARIMA GIRLS H.S.		SAN FERNANDO, WEST INDIES	10 15
SY	WESLEY	MATHEMATICS TRAINERS' GUILD		ZAMBOANGA CITY, PHILLIPINES	8 13
TAM	JONATHAN	YEW CHUNG INT. SCHOOL		KOWLOON, HONG KONG	10 15
TESADA	AUGUSTINE	MATHEMATICS TRAINERS' GUILD		ZAMBOANGA CITY, PHILLIPINES	7 14
THOMAS	LYNDON	PRESENTATION COLLEGE		SAN FERNANDO, WEST INDIES	10 15
VASHIST	ADITI	THE INT. SCHOOL OF BEIJING		BEIJING, CHINA	10 15
WATANABE	TAKANORI	NAGOYA INTER. SCHOOL		NAGOYA, JAPAN	10 15
WICKRAMASEKARA	SACHIRA	INTERNATIONAL SCHOOL OF GENEVA		GENEVA, SWITZERLAND	10 15

**FERMAT CONTEST / CONCOURS FERMAT**  
**TEAMS / ÉQUIPES**

SCHOOL ECOLE	LOCATION ENDROIT	SCORE NOTE
1 MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	437
2 THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	426
3 AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	413
4 CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	403
5 NAGOYA INTER. SCHOOL	NAGOYA, JAPAN	387
6 INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	374
7 HILLVIEW COLLEGE	TUNAPUNA, WEST INDIES	370
8 PRESENTATION COLLEGE	SAN FERNANDO, WEST INDIES	368
9 COLAISTE AN SPIORAI D NAOIMH	CORK, IRELAND	366
10 NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	362
11 CANADIAN SCHOOL OF INDIA	BANGALORE, INDIA	354
12 TIANJIN INTER. SCHOOL	TIANJIN, CHINA	348
13 CANADIAN INTERNATIONAL SCHOOL	SINGAPORE	340
14 DELIA SCHOOL OF CANADA S.S.	HONG KONG	331
15 WARWICK ACADEMY	WARWICK, BERMUDA	319
16 PRESENTATION S.S.	CORK, IRELAND	264

**STUDENTS / ÉLÈVES**

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	GR NIVEAU	AGE AGE
<b>GROUP I / GROUPE I</b>				
LOONG	RYAN	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11 16
NISHIO	KIYOKI	NAGOYA INTER. SCHOOL	NAGOYA, JAPAN	11 17
RICK	SIU	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	11 16
SAAVEDRA	KENDRICK	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	9 15
SO	DAVID	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 14
TAN	MICHAEL	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	9 15
TENSUAN	RAFAEL	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 14
WEI	HENRY	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11 16
WEI	JONATHAN	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11 17
YILDIZ	YILMAZ	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11 16
YU	ALBERT	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11 17
<b>GROUP II / GROUPE II SCORES / NOTES 138 - 134</b>				
BATILLER	JOSE RAMON	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 14
CASTAGNE	CHRISTOPHER	HILLVIEW COLLEGE	TUNAPUNA, WEST INDIES	11 16
CEYLAN	DUYGU	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11 16
CHOI	WON SEOK	NAGOYA INTER. SCHOOL	NAGOYA, JAPAN	11 16
ERASE	LESTER	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 14
HURLEY	HUGH	COLAISTE AN SPIORAI D NAOIMH	CORK, IRELAND	11 17
LEE	IVAN	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	11 16
WANG	EMILY	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11 17
YU	RICHARD	CANTERBURY SCHOOL	NEW MILFORD, CONNECTICUT	11 17
ZHANG	XIAOBIN	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	11 16
<b>GROUP III / GROUPE III SCORES / NOTES 133 - 125</b>				
ACAN	OZLEM	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11 17
BOYACI	ISIL	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11 17
CAMINA	STEVEN	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 14
CHAN	FEI FEI	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11 17
ERKOL	SAFAK	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11 17
GAN	PHOEBE	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 14
GANPATT	NISHA	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	11 16
GUVEZNE	YESIM	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11 16
KARATEPE	KUTAY	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11 16
KECECI	DAMLANUR	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11 16
LIU	WENDY	THE INT. SCHOOL OF BEIJING	JAING TAI RD. BEIJING	11 17
ONG	KARLVIN	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8 14
RAMBARRAN	DEWAN	PRESNTATION COLLEGE	SAN FERNANDO, WEST INDIES	11 17

## International Results

## Résultats internationaux

SAYAR SU	DENIZ WILHELM	AMERICAN COLLEGIATE INST. MATHEMATICS TRAINERS' GUILD	IZMIR, TURKEY ZAMBOANGA CITY, PHILLIPINES	11 8	17 14
GROUP IV / GROUPE IV SCORES / NOTES 124 - 118					
ABRAHAM	ANDRE	PRESENTATION COLLEGE	SAN FERNANDO, WEST INDIES	11	17
BALTAZAR	RUSTAN	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8	14
BOZDAG	MUSTAFA	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11	16
CHAN	CLARENCE	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11	17
CHENG	PAUL CHRIS	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8	15
CHO	GRACE	TIANJIN INTER. SCHOOL	TIANJIN, CHINA	11	16
CHUNG	ADAMS	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	11	17
FUNG	SARA OIYAN	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11	17
GOBINPERSAD	BRIAN	PRESENTATION COLLEGE	san fernando	11	17
LEE	SOO JIN	DELIA SCHOOL OF CANADA S.S.	HONG KONG	11	16
LEE	SOOHYUN	THE INT. SCHOOL OF BEIJING	JAING TAI RD. BEIJING	11	17
LIMKIN	JEROME	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY	8	14
MARAJ	TISHAN	PRESENTATION COLLEGE	SAN FERNANDO, WEST INDIES	11	17
MARTIN	BENSON	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8	14
MATSUSHIMA	SHUN	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	11	16
MC LEOD	ZWENA	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	11	16
MULJONO	ARDHITYA	CANADIAN INTERNATIONAL SCHOOL	SINGAPORE	11	16
OLANO	AYLMER	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8	14
OUTTERSIDE	NATALIE	LA CHATAIGNERAIE INT. SCHOOL	SWITZERLAND	11	16
RATAN	RAJEEV	HILLVIEW COLLEGE	TUNAPUNA, WEST INDIES	11	17
SANCHO	MARCO	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8	14
SASIRT	ALEV	AMERICAN COLLEGIATE INST.	IZMIR, TURKEY	11	17
SHIN	MIKYUNG	INTERNATIONAL SCHOOL OF GENEVA	GENEVA, SWITZERLAND	11	15
SIPANI	MOHIT	CANADIAN SCHOOL OF INDIA	BANGALORE, INDIA	11	17
TAN	DAVID	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8	14
TEO	JANSEN	MATHEMATICS TRAINERS' GUILD	ZAMBOANGA CITY, PHILLIPINES	8	14
THOMAS	JAMEON R	PRESENTATION COLLEGE	SAN FERNANDO, WEST INDIES	11	17
TSANG	JUSTIN	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11	16
WU	GORDON	CANADIAN INTER. SCHOOL OF HONG KONG	ABERDEEN, HONG KONG	11	16
YU	ROT	THE INT. SCHOOL OF BEIJING	BEIJING, CHINA	11	17

**2002 Pascal Contest / Concours Pascal 2002**

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

**2002 Cayley Contest / Concours Cayley 2002**

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

**2002 Fermat Contest / Concours Fermat 2002**

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

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