

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

2004 Results

Pascal Contest
(Grade 9)

Cayley Contest
(Grade 10)

Fermat Contest
(Grade 11)

for the

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

Awards

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2004 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

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The Competition Organization

Organisation du Concours

Executive Committee / Comité exécutif

Barry Ferguson (Director / Directeur),
Peter Crippin, Judith Koeller, Ian VanderBurgh

Computer Operation / Ordinateur

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

Publications / Publications

Preparation of Materials / Préparation du matériel

French Edition / Version française

Linda Schmidt, University of Waterloo
Linda Schmidt, University of Waterloo
André Ladouceur, Collège Catholique Samuel-Genest, Ottawa
Gérard Proulx, Collège catholique Franco-Ouest, Ottawa

Technical Assistants / Adjoins à la technique

Joanne Kursikowski, Kim Schnarr, Kyra Keenan, Lindsay Stewart

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

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

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

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
Larry Rice, University of Waterloo, 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

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

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

**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 41st 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!

Peter Crippin
Director.

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 41^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
Directeur

Canadian Mathematics Competition Concours canadien de mathématiques



Barry A. Ferguson

The 2004 Pascal, Cayley and Fermat competitions are in the books! I believe that they were a great success. Averages for both the Pascal and Cayley contests were up about 4 points to 87.2 and 92.6 respectively, while the Fermat average was down slightly to 83.9. There were 18 perfect scores on the Pascal, 6 on the Cayley, and 6 on the Fermat.

There was a mistake made in the setting of the Pascal contest. A small discrepancy in wording between the English and French versions of question 20 resulted in 6, answer B, being correct for the French version, and 5, answer C, being correct in the English version. In scoring the contest we accepted either B or C as correct. I apologize for this error.

Thank you to all participants, both teachers and students. I hope that the papers provided some entertainment for you, and that you will continue to support our efforts as we continue to try to support yours.



Barry A. Ferguson,
Director.

L'édition 2004 des concours Pascal, Cayley et Fermat est chose du passé! Et j'estime qu'il s'est agi d'un franc succès. Les moyennes des concours Pascal et Cayley étaient supérieures d'environ 4 points, soit 87,2 et 92,6 respectivement, tandis que celle du concours Fermat était légèrement à la baisse, soit 83,9. On compte 18 notes parfaites pour le concours Pascal, 6 pour le concours Cayley et 6 pour le concours Fermat.

Une erreur a été commise lors de la préparation du concours Pascal. En raison d'une légère différence entre les formulations anglaise et française de la question 20, la bonne réponse pour la version française était 6 (réponse B) alors qu'elle était 5 (réponse C) pour la version anglaise. Nous avons accepté ces deux réponses. Toutes mes excuses pour cette erreur.

Je remercie tous les participants, tant les professeurs que les étudiants. J'espère que les concours vous ont divertis et que vous continuerez d'appuyer nos efforts. De notre côté, nous nous emploierons à appuyer les vôtres.



Barry A. Ferguson
Directeur

Enrolment by provinces / Inscriptions classées par province

Province	Number of schools / Nombre d'écoles	Number of students / Nombre d'élèves			Province
	Pascal/Cayley/Fermat	Pascal	Cayley	Fermat	
Newfoundland	66	1208	790	703	Terre-Neuve
Nova Scotia	51	892	796	726	Nouvelle-Écosse
New Brunswick	36	783	671	659	Nouveau-Brunswick
P.E.I.	10	214	59	62	Île-du-Prince-Édouard
Quebec	120	3363	2927	2583	Québec
Ontario	664	16091	13338	11283	Ontario
Manitoba	69	1463	938	833	Manitoba
Saskatchewan	42	848	673	624	Saskatchewan
Alberta	115	1977	1239	915	Alberta
British Columbia	221	6703	5849	4692	Colombie-Britannique
Total	1394	33542	27280	23080	

Total number of students enrolled / Nombre d'inscriptions individuelles :
83902

**2004 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2004**

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
Alan Guo	O'Neill C.V.I.	Oshawa, ON	9	14
Robert Hsieh	St. George's School	Vancouver, BC	9	15
Michael Kenyon	Kelvin High School	Winnipeg, MB	9	14
Antonio Lee	The Woodlands School	Mississauga, ON	9	14
Gilbert Leung	David Thompson Secondary School	Vancouver, BC	9	14
Sherry Liu	David Thompson Secondary School	Vancouver, BC	9	14
Jerry Lo	Vernon Barford School	Edmonton, AB	9	15
Yang Lu	Killarney Secondary School	Vancouver, BC	9	14
Geoffrey Mason	South Queens Junior High School	Liverpool, NS	9	15
Lara Reichman	Royal West Academy	Montréal, QC	9	14
Alarica Tang	Burnaby North Secondary School	Burnaby, BC	8	13
Andrew Vogt	Kelvin High School	Winnipeg, MB	9	14
Tony Wan	Stephen Leacock Collegiate Institute	Scarborough, ON	9	14
Matthew Wang	Woburn Collegiate Institute	Toronto, ON	8	13
Bobby Xiao	Walter Murray Collegiate Institute	Saskatoon, SK	9	14
Shawn Yin	William Lyon MacKenzie Collegiate Institute	Toronto, ON	9	14
Hui Zhang	Waterloo Collegiate Institute	Waterloo, ON	9	14
Rick Zhang	Unionville High School	Unionville, ON	9	14

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première :	David Thompson Secondary School	Vancouver, BC	444
Second / Deuxième :	Kelvin High School	Winnipeg, MB	438
Third / Troisième :	Burnaby North Secondary School	Burnaby, BC	436
Fourth / Quatrième :	Waterloo Collegiate Institute	Waterloo, ON	434
Fifth / Cinquième :	Zion Heights Junior High School	North York, ON	432
	St. George's School	Vancouver, BC	432
	VSU/UBC Transition Program	Vancouver, BC	432

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	Sir Winston Churchill High School	Calgary, AB	9	13
Eunse Chang	Don Mills Collegiate Institute	Don Mills, ON	10	15
Jason Choo	Southridge School	Surrey, BC	10	15
Jinho Kim	Argyle Secondary School	North Vancouver, BC	9	15
Peng Shi	Sir John A. Macdonald Collegiate Institute	Agincourt, ON	10	15
Yiyi Yang	Western Canada High School	Calgary, AB	10	15

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première :	Southridge School	Surrey, BC	433
Second / Deuxième :	Western Canada High School	Calgary, AB	432
Third / Troisième :	Don Mills Collegiate Institute	Don Mills, ON	430
Fourth / Quatrième :	E. S. St-Luc	Montreal, QC	424
	Bell High School	Nepean, ON	424
	St. John's-Ravenscourt School	Winnipeg, MB	424
	Burnaby North Secondary School	Burnaby, BC	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
Francis Chung	A.B. Lucas Secondary School	London, ON	11	16
Jaeseung Kim	Westmount Collegiate Institute	Thornhill, ON	10	16
Janos Kramar	University of Toronto Schools	Toronto, ON	11	16
Jimmy Shen	Vincent Massey Secondary School	Windsor, ON	11	16
Shaun White	Vincent Massey Secondary School	Windsor, ON	11	16

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première :	Vincent Massey Secondary School	Windsor, ON	438
Second / Deuxième :	University of Toronto Schools	Toronto, ON	428
Third / Troisième :	Waterloo Collegiate Institute	Waterloo, ON	427
Fourth / Quatrième :	Western Canada High School	Calgary, AB	424
Fifth / Cinquième :	Don Mills Collegiate Institute	Don Mill, ON	418

**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 2004 FERMAT CONTEST
POUR RENDEMENT SUPÉRIEUR AU CONCOURS FERMAT 2004**

PROVINCIAL CHAMPIONS / CHAMPIONS PROVINCIAUX

Shree Ziradkar	Holy Heart of Mary Regional High School	St. John's, NL	\$200
Keran Xu	The Halifax Grammar School	Halifax, NS	200
Mats Junek	The Halifax Grammar School	Halifax, NS	200
Chen Li	Fredericton High School	Fredericton, NB	200
Charlie Han	Colonel Gray Senior High School	Charlottetown, PEI	200
Daniel Rau	Ecole Maimonide-Camp. Parkhave	Cote St. Luc, QC	200
Megan Lickley	Lo-Ellen Park Secondary School	Sudbury	- ON North 200
Carl Song	Lisgar Collegiate Institute	Ottawa	- ON East 200
Janos Kramar	University of Toronto Schools	Toronto	- ON Metro 200
Jaeseung Kim	Westmount Collegiate Institute	Thornhill	- ON Central 200
Francis Chung	A.B. Lucas Secondary School	London	- ON West 200
Jimmy Shen	Vincent Massey Secondary School	Windsor	- ON West 200
Shaun White	Vincent Massey Secondary School	Windsor	- ON West 200
Hyunjin Shin	St.-John's-Ravenscourt School	Winnipeg, MB	200
Jiyun Lee	Balmoral Hall School	Winnipeg, MB	200
Dat Phan	Balfour Collegiate Institute	Regina, SK	200
Polly Han	Western Canada High School	Calgary, AB	200
Seung Park	Western Canada High School	Calgary, AB	200
Vincent Chan	John Diefenbaker High School	Calgary, AB	200
Steve Kim	Port Moody Senior Secondary School	Port Moody, BC	200

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

	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	SCORE NOTE
1	VINCENT MASSEY S.S.	WINDSOR	ON	438
2	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	428
3	WATERLOO C.I.	WATERLOO	ON	427
4	WESTERN CANADA H.S.	CALGARY	AB	424
5	DON MILLS C.I.	DON MILLS	ON	418
6	A.Y. JACKSON S.S.	NORTH YORK	ON	416
7	DR. NORMAN BETHUNE C.I.	SCARBOROUGH	ON	414
8	J.N. BURNETT S.S.	RICHMOND	BC	412
9	LISGAR C.I.	OTTAWA	ON	402
	YORK MILLS C.I.	NORTH YORK	ON	402
	LONDON CENTRAL S.S.	LONDON	ON	402
12	MARTINGROVE C.I.	ETOBICOKE	ON	401
13	JARVIS C.I.	TORONTO	ON	400
	BURNABY SOUTH S.S.	BURNABY	BC	400
15	OLD SCONA ACADEMIC H.S.	EDMONTON	AB	398
16	THE WOODLANDS S.	MISSISSAUGA	ON	396
17	BURNABY NORTH S.S.	BURNABY	BC	395
18	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	394
	WESTMOUNT C.I.	THORNHILL	ON	394
	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	394
21	HUGH MCROBERTS S.S.	RICHMOND	BC	393
22	BIALIK H.S.	COTE ST. LUC	QC	392
	BURNABY MOUNTAIN S.S.	BURNABY	BC	392
24	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	391
	PORT MOODY S.S.S.	PORT MOODY	BC	391
26	GEORGES VANIER S.S.	TORONTO	ON	390
	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	390
	ST. MICHAEL'S UNIV. SCHOOL	VICTORIA	BC	390
29	A.B. LUCAS S.S.	LONDON	ON	389
	ST. GEORGE'S SCHOOL	VANCOUVER	BC	389
31	UNIVERSITY HILL S.S.	VANCOUVER	BC	388
32	ECOLE MAIMONIDE-CAMP. PARKHAVE	COTE ST. LUC	QC	386
	DAVID THOMPSON S.S.	VANCOUVER	BC	386
34	AGINCOURT C.I.	TORONTO	ON	384
	SIR JOHN A. MACDONALD C.I.	AGINCOURT	ON	384
	UPPER CANADA COLLEGE	TORONTO	ON	384
37	E.S. ST-LUC	MONTREAL	QC	383
38	EARL HAIG S.S.	NORTH YORK	ON	381
39	RICHMOND HILL H.S.	RICHMOND HILL	ON	380
	KELVIN HIGH SCHOOL	WINNIPEG	MB	380
	BURNABY CENTRAL S.S.	BURNABY	BC	380
	PINETREE S.S.	COQUITLAM	BC	380
43	MOUNT DOUGLAS S.S.	VICTORIA	BC	378
44	WOBURN COLLEGIATE INSTITUTE	TORONTO	ON	377
45	EARL OF MARCH S.S.	KANATA	ON	375
	ST. JOHN'S KILMARNOCK SCHOOL	BRESLAU	ON	375
	HENRY WISE WOOD S.H.S.	CALGARY	AB	375
48	POINT GREY S.S.	VANCOUVER	BC	374
49	NORTHVIEW HEIGHTS S.S.	NORTH YORK	ON	373
	BRANKSOME HALL SCHOOL	TORONTO	ON	373
	RICHMOND S.S.	RICHMOND	BC	373

Rank / Position	Scores / Notes
52 - 97	372 - 356
107 - 197	355 - 333
201 - 284	332 - 322
303 - 395	321 - 310
402 - 499	309 - 298
514 - 598	297 - 291
614 - 699	290 - 281
711 - 797	280 - 271

There were 1043 three-student teams.
Il y avait 1043 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 ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
GROUP I / GROUPE I					
CHUNG	FRANCIS	A.B. LUCAS S.S.	LONDON	ON	11 16
KIM	JAESEUNG	WESTMOUNT C.I.	THORNHILL	ON	10 16
KRAMAR	JANOS	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	11 16
SHEN	JIMMY	VINCENT MASSEY S.S.	WINDSOR	ON	11 16
WHITE	SHAUN	VINCENT MASSEY S.S.	WINDSOR	ON	11 16
GROUP II / GROUPE II SCORES / NOTES 145 - 144					
AU	CHARLES	J.N. BURNETT S.S.	RICHMOND	BC	10 15
CHAN	VINCENT	JOHN DIEFENBAKER H.S.	CALGARY	AB	11 16
DAN	RONGTAO	POINT GREY S.S.	VANCOUVER	BC	11 16
GRANT	ELYOT	CAMERON HEIGHTS C.I.	KITCHENER	ON	11 16
HAN	POLLY	WESTERN CANADA H.S.	CALGARY	AB	11 17
KAZERANI	ALI	WATERLOO C.I.	WATERLOO	ON	11 16
KIM	STEVE	PORT MOODY S.S.S.	PORT MOODY	BC	11 16
LEE	BRYANT	BURNABY MOUNTAIN S.S.	BURNABY	BC	11 17
MARKINE	PETR	WATERLOO C.I.	WATERLOO	ON	10 15
PARK	SEUNG	WESTERN CANADA H.S.	CALGARY	AB	11 15
PENG	RICHARD	VAUGHAN ROAD ACADEMY	TORONTO	ON	10 15
SONG	CARL	LISGAR C.I.	OTTAWA	ON	11 16
TSIMERMAN	JACOB	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
ZHOU	LANTIAN	GEORGES VANIER S.S.	TORONTO	ON	11 17
GROUP III / GROUPE III SCORES / NOTES 142 - 139					
CHEN	QU	HARRY AINLAY H.S.	EDMONTON	AB	11 16
DENG	BO HONG	JARVIS C.I.	TORONTO	ON	10 15
HUANG	YINGFEN	THE WOODLANDS S.	MISSISSAUGA	ON	11 16
IVRII	OLEG	DON MILLS C.I.	DON MILLS	ON	11 16
JOO	WILLIAM	L.V. ROGERS S.S.	NELSON	BC	11 17
KIM	TAE HWAN	VICTORIA H.S.	VICTORIA	BC	9 14
LIU	SANDY	MARTINGROVE C.I.	ETOBICOKE	ON	11 16
QI	CHARLES	JARVIS C.I.	TORONTO	ON	11 16
SHEN	KE RRY	A.Y. JACKSON S.S.	NORTH YORK	ON	11 16
WONG	KEITH	H.J. CAMBIE S.S.	RICHMOND	BC	11 16
WU	STEVEN	A.Y. JACKSON S.S.	NORTH YORK	ON	11 16
ZHANG	ALLEN	BURNABY SOUTH S.S.	BURNABY	BC	10 15
GROUP IV / GROUPE IV SCORES / NOTES 138 - 138					
CHAN	WESLEY	J.N. BURNETT S.S.	RICHMOND	BC	11 16
CHEN	RUI	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	11 16
CHENG	YINGTING	YORK MILLS C.I.	NORTH YORK	ON	11 16
GAO	PHILIP	HUGH MCROBERTS S.S.	RICHMOND	BC	11 16
GUO	SAM	AGINCOURT C.I.	TORONTO	ON	11 17
JIN	SHA	YORK MILLS C.I.	NORTH YORK	ON	11 17
LAM	LINCOLN	DON MILLS C.I.	DON MILLS	ON	11 16
LEE	JIYUN	BALMORAL HALL SCHOOL	WINNIPEG	MB	11 17
LIU	ANDY	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	11 16
LIU	CHICHAO	ELGIN PARK S.S.	SURREY	BC	11 16
LIU	TAOTAO	VINCENT MASSEY S.S.	WINDSOR	ON	11 15
MA	WILLIAM	WATERLOO C.I.	WATERLOO	ON	10 15
MARINOV	BOYAN	HARRY AINLAY H.S.	EDMONTON	AB	11 16
PATULEA	CATALIN	COLL. CATH. FRANCO-OUEST	NEPEAN	ON	11 16
QI	YUAN	LONDON CENTRAL S.S.	LONDON	ON	11 16
QU	CHAO	DR. NORMAN BETHUNE C.I.	SCARBOROUGH	ON	11 16
RAU	DANIEL	ECOLE MAIMONIDE-CAMP. PARKHAVE	COTE ST. LUC	QC	11 16
SHAN	MENG	VINCENT MASSEY S.S.	WINDSOR	ON	11 16
SHI	SALLY	DR. NORMAN BETHUNE C.I.	SCARBOROUGH	ON	11 16
SHIN	HYUNJIN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11 16
WANG	AILEEN	UNIVERSITY HILL S.S.	VANCOUVER	BC	11 16

Fermat Contest – Canada

Concours Fermat – Canada

NAME	SCHOOL	LOCATION	PROV	GR	AGE
NOM	ECOLE	ENDROIT	PROV	NIVEAU	AGE
WRIGLEY	MALKA	OLD SCONA ACADEMIC H.S.	AB	11	15
XU	WENXIN	DON MILLS C.I.	ON	11	16
YANG	KAI	DR. NORMAN BETHUNE C.I.	ON	11	16
YANG	QI	SA TEC @ W. A. PORTER C.I.	ON	11	16
ZHANG	LIANG	DON MILLS C.I.	ON	11	17

GROUP V / GROUPE V SCORES / NOTES 136 - 134

CHANG	ERIN	BRANKSOME HALL SCHOOL	TORONTO	ON	10	16
DENG	JIMMY	EARL HAIG S.S.	NORTH YORK	ON	11	16
GUO	ZHENG	WESTERN CANADA H.S.	CALGARY	AB	10	15
JIA	RAY	KITCHENER-WATERLOO C.I. & V.I.	KITCHENER	ON	11	16
KERTESZ	AUDREY	HENRY WISE WOOD S.H.S.	CALGARY	AB	11	16
KIM	BRIAN	WESTMOUNT C.I.	THORNHILL	ON	11	17
LAM	KEVIN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11	16
LAU	PING SHING	WEST POINT GREY ACADEMY	VANCOUVER	BC	11	16
LEE	DONGHOON	ST. PAUL'S H.S.	WINNIPEG	MB	11	17
LI	QING	ST. JOHN'S KILMARNOCK SCHOOL	BRESLAU	ON	11	17
LIANG	SHA	VINCENT MASSEY S.S.	WINDSOR	ON	11	16
NG	GIDEON	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	11	16
NGUYEN	ATHENA	KELVIN HIGH SCHOOL	WINNIPEG	MB	11	16
PARK	JENNIFER	BLUEVALE C.I.	WATERLOO	ON	10	15
PARK	SOOJIN	DR. F.J. DONEVAN C.I.	OSHAWA	ON	11	16
RYOO	JEE HO	CENTENNIAL S.S.S.	COQUITLAM	BC	11	17
SIU	GEOFFREY	LONDON CENTRAL S.S.	LONDON	ON	11	15
SUNG	ALDIS	ST. ANDREW'S COLLEGE	AURORA	ON	11	16
TAI	TSUNG YIN	E.S. ST-LUC	MONTREAL	QC	11	17
TSENG	KUAN CHIEH	YALE S.S.	ABBOTSFORD	BC	10	15
WANG	JENNY	DON MILLS C.I.	DON MILLS	ON	11	16
WANG	YIKUANG	NORTHVIEW HEIGHTS S.S.	NORTH YORK	ON	11	16
WONG	JOSHUA	ST. FRANCIS XAVIER SECONDARY SCHOOL	MISSISSAUGA	ON	11	16
WU	XIAODI	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	11	16
XING	MICHELLE	HUGH MCROBERTS S.S.	RICHMOND	BC	11	17
YAO	QI	GLENFOREST S.S.	MISSISSAUGA	ON	11	16
YE	PENG JIMMY	SIR JOHN A. MACDONALD C.I.	AGINCOURT	ON	11	16
YU	XUE SHERRY	DON MILLS C.I.	DON MILLS	ON	11	17
ZHAO	YUFEI	DON MILLS C.I.	DON MILLS	ON	10	15
ZHOU	YU XIANG	RICHMOND HILL H.S.	RICHMOND HILL	ON	11	17
ZHU	DAVID	DAVID & MARY THOMSON C.I.	SCARBOROUGH	ON	11	16

GROUP VI / GROUPE VI SCORES / NOTES 133 - 131

BEN SHACH	GILAD	BIALIK H.S.	COTE ST. LUC	QC	11	15
BERLINER	DAVID	BIALIK H.S.	COTE ST. LUC	QC	11	16
CAMPBELL	TED	WESTERN TECH. COMM. SCHOOL	TORONTO	ON	11	16
CHA	JESSICA	ST. MARGARET'S SCHOOL	VICTORIA	BC	11	17
CHO I	CHRIS	KITSILANO S.S.	VANCOUVER	BC	11	16
CHUI	MATHEW	DON MILLS C.I.	DON MILLS	ON	11	17
FAN	VICTOR	DOVER BAY S.S.	NANAIMO	BC	11	16
FU	MICHAEL	UPPER CANADA COLLEGE	TORONTO	ON	11	16
GAO	AMY	WOODBRIIDGE COLLEGE	WOODBRIIDGE	ON	11	16
GU	JESSICA	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	11	16
HO	CHARLES	BURNABY NORTH S.S.	BURNABY	BC	11	16
JUNG	BRENDAN	ST. GEORGE'S SCHOOL	VANCOUVER	BC	11	16
KASHIGAR	AIDIN	SIR FREDERICK BANTING S.S.	LONDON	ON	11	16
KATCHKY	RYAN	C.H.A.T. (HEBREW ACADEMY)	RICHMOND HILL	ON	11	16
KOBAYASHI	KOJI	DAVID THOMPSON S.S.	VANCOUVER	BC	11	16
LAM	KENNETH	UPPER CANADA COLLEGE	TORONTO	ON	11	15
LANE	JEFF	WEST VANCOUVER S.S.	WEST VANCOUVER	BC	11	16
LIKHTAROV	ANTON	BURNABY NORTH S.S.	BURNABY	BC	11	17
LIN	YE QING	EARL OF MARCH S.S.	KANATA	ON	11	16
LIU	SHANSHAN	ROSS SHEPPARD COMP. H.S.	EDMONTON	AB	11	16
LIU	TIAN YU	LISGAR C.I.	OTTAWA	ON	11	16
MA	JAEHUN	WHITE OAKS S.S.	OAKVILLE	ON	11	17
MA	JENNIFER	RIDLEY COLLEGE	ST. CATHARINES	ON	11	16
MAO	HOLLY	VINCENT MASSEY S.S.	WINDSOR	ON	11	16
PARK	HOWARD	HOLY TRINITY SCHOOL	RICHMOND HILL	ON	11	17

Fermat Contest – Canada

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NAME	SCHOOL	LOCATION	PROV	GR	AGE
NOM	ECOLE	ENDROIT	PROV	NIVEAU	AGE
RAJALINGHAM	RISHI	ROYAL VALE	QC	11	17
SONG	HUNTER	A.Y. JACKSON S.S.	ON	11	16
SONG	JOHN	BURNABY NORTH S.S.	BC	11	16
SUN	SARAH	HOLY TRINITY ACADEMY	AB	10	15
TEEPLE	BRETT	WESTERN CANADA H.S.	AB	11	16
WANG	BOB	MERIVALE H.S.	ON	11	16
WEN	ALWIN	ST. MICHAEL'S UNIV. SCHOOL	BC	11	16
WU	ANGELA	SIR JOHN A. MACDONALD C.I.	ON	11	17
XU	SHAWN	CHAMBLY ACADEMY	QC	11	16
XUE	RUI	MARTINGROVE C.I.	ON	11	17
YU	BRIAN	OLD SCONA ACADEMIC H.S.	AB	10	16
ZHAO	WILLIAM	DON MILLS C.I.	ON	11	16

GROUP VII / GROUPE VII SCORES / NOTES 130 - 128

AN	JENNIFER	NEWTONBROOK S.S.	NORTH YORK	ON	11	17
BUSHUK	MITCHELL	GLENLAWN C.I.	WINNIPEG	MB	11	16
CHAN	CALVIN	PRINCE OF WALES MINI SCHOOL	VANCOUVER	BC	11	16
CHIANG	JACLYN	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10	15
CHO	CHERRY	ST. THOMAS MORE C.I.	BURNABY	BC	9	15
CHONG	BENSON	PINETREE S.S.	COQUITLAM	BC	11	16
COVO	TOM	LOWER CANADA COLLEGE	MONTREAL	QC	11	16
DE ROSE	CHRISTINA	WESTERN CANADA H.S.	CALGARY	AB	11	16
DING	YANG	LONDON CENTRAL S.S.	LONDON	ON	11	17
DRIANOV	PETAR	E.S. SOPHIE-BARAT	MONTREAL	QC	11	16
FAN	DOREEN	VINCENT MASSEY S.S.	WINDSOR	ON	11	17
FU	GORDON	KILLARNEY S.S.	VANCOUVER	BC	11	16
GAO	BOWEN	PORT MOODY S.S.S.	PORT MOODY	BC	11	16
GE	JING	OLD SCONA ACADEMIC H.S.	EDMONTON	AB	11	16
HO	MARTIN	J.N. BURNETT S.S.	RICHMOND	BC	10	16
HUANG	TERRY	BURNABY MOUNTAIN S.S.	BURNABY	BC	11	16
HUANG	YANG	DAVID THOMPSON S.S.	VANCOUVER	BC	11	16
HUR	YOUNG JUN	ST. MICHAEL'S UNIV. SCHOOL	VICTORIA	BC	11	17
IM	JE HONG	MARTINGROVE C.I.	ETOBICOKE	ON	11	16
KARANOFSKY	ROBERT	BIALIK H.S.	COTE ST. LUC	QC	11	16
KENZIN	ELGIZ	SCARLETT HEIGHTS ENT. ACADEMY	ETOBICOKE	ON	11	16
KIM	DOOYOUNG	HANDSWORTH S.S.	NORTH VANCOUVER	BC	11	17
KOLEV	RUSI	BURNABY SOUTH S.S.	BURNABY	BC	11	17
LAM	MARISSA	WESTERN CANADA H.S.	CALGARY	AB	11	16
LEE	JASON	TERRY FOX S.S.S.	PORT COQUITLAM	BC	11	16
LEE	MICHAEL	THE WOODLANDS S.	MISSISSAUGA	ON	10	15
LI	CHEN	FREDERICTON H.S.	FREDERICTON	NB	11	16
LI	YAO	WESTERN CANADA H.S.	CALGARY	AB	11	16
LIANG	CHENEN	WATERLOO C.I.	WATERLOO	ON	11	16
LIAO	WILLA	T.A. BLAKELOCK H.S.	OAKVILLE	ON	11	16
LIAO	YIFAN	ALBERNI D.S.S.	PORT ALBERNI	BC	11	16
LIN	BILLY	CHARLES E. LONDON S.S.	RICHMOND	BC	11	16
LIN	CALVIN	ST. MICHAEL'S UNIV. SCHOOL	VICTORIA	BC	11	16
LU	DAVID	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	16
NGUYEN	JEFFREY	ERIC HAMBER S.S.	VANCOUVER	BC	10	15
PARK	MIKE	THORNHILL S.S.	THORNHILL	ON	11	16
PAUL	ERIK	WESTERN CANADA H.S.	CALGARY	AB	11	16
PHAN	DAT	BALFOUR C.I.	REGINA	SK	11	16
SHAW	EILEEN	WESTERN CANADA H.S.	CALGARY	AB	11	16
SHELEPOV	DANIEL	BURNABY CENTRAL S.S.	BURNABY	BC	11	16
SHIN	JISOO	SUTHERLAND S.S.	NORTH VANCOUVER	BC	11	16
SIMARD	SEBASTIEN	COLLEGE ST-LOUIS	LASALLE	QC	11	16
SIT	KELVIN	BURNABY NORTH S.S.	BURNABY	BC	11	16
TANG	RAYMOND	RICHMOND HILL H.S.	RICHMOND HILL	ON	11	16
TAO	MANDY	SEAQUAM S.S.	NORTH DELTA	BC	11	16
WANG	KEVIN	RICHMOND S.S.	RICHMOND	BC	11	16
WEI	DAJIANG	OAKWOOD C.I.	TORONTO	ON	11	16
WEN	SHIRLEY	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	16
WONG	JASON	LONDON SOUTH S.S.	LONDON	ON	11	16
WU	TONY	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	16
WU	TONY	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	16
XING	JINGYAO	A.Y. JACKSON S.S.	NORTH YORK	ON	11	16

Fermat Contest – Canada

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NAME		SCHOOL	LOCATTON	PROV	GR	AGE
NOM		ECOLE	ENDROIT	PROV	NIVEAU	AGE
XU	TIM	BURNABY SOUTH S.S.	BURNABY	BC	11	16
YANG	JIMMY	WESTERN CANADA H.S.	CALGARY	AB	11	17
YOO	JUNBAE	ST. MICHAEL'S UNIV. SCHOOL	VICTORIA	BC	11	17
YU	DANNY	ST. GEORGE'S SCHOOL	VANCOUVER	BC	11	16
YU	SUNNIE	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	16
ZHANG		WESTERN CANADA H.S.	CALGARY	AB	11	17
ZHANG	BOYANG	THE WOODLANDS S.	MISSISSAUGA	ON	10	16
ZHANG	HUI JUE	ECOLE JOSEPH-FRANCOIS PERRAULT	MONTREAL	QC	11	17
ZHANG	JOHNNY	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	11	16
ZHAO	TINA	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	17
ZHEN	JENNIFER	PRINCE OF WALES S.S.	VANCOUVER	BC	11	16
ZHOU	RYAN	ADAM SCOTT C.&V.I.	PETERBOROUGH	ON	10	16
ZHU	JUSTIN	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	11	16
ZIRADKAR	SHREE	HOLY HEART OF MARY REG. H.S.	ST. JOHN'S	NL	11	15

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QUES. NUM. NO DE QUEST	CORRECT ANSWER BONNE RÉPONSE	PERCENTAGE OF CONTESTANTS SELECTING EACH OPTION POURCENTAGE DE CONCURRENTS 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	D	0.33	0.05	1.13	97.99	0.20	0.30	98.29	
2	A	96.95	0.80	0.15	1.23	0.52	0.34	97.29	
3	B	0.36	94.93	1.66	0.62	2.25	0.18	95.10	
4	D	5.05	0.80	11.11	77.93	0.63	4.49	81.59	
5	C	1.53	5.46	89.39	1.54	0.33	1.74	90.98	
6	A	75.48	10.51	3.98	3.24	3.55	3.25	78.01	
7	E	1.34	0.75	0.82	3.86	91.17	2.05	93.08	
8	A	62.79	11.65	1.14	2.98	17.38	4.06	65.44	
9	B	2.49	91.78	1.87	0.94	0.39	2.53	94.16	
10	C	4.29	11.05	64.30	3.54	4.28	12.54	73.52	
11	C	4.18	4.89	54.19	31.45	3.13	2.17	55.39	
12	D	1.32	3.52	1.98	71.96	8.19	13.03	82.74	
13	E	1.26	2.21	6.26	1.86	81.48	6.92	87.54	
14	B	9.02	50.66	7.42	6.19	3.42	23.29	66.04	
15	E	39.39	9.88	15.06	12.69	15.53	7.45	16.78	
16	B	4.41	27.08	7.90	7.17	3.46	49.98	54.13	
17	E	11.93	10.95	6.63	3.48	22.24	44.77	40.26	
18	B	4.02	18.29	6.78	8.52	4.50	57.89	43.42	
19	D	4.19	4.52	13.26	61.94	2.61	13.47	71.58	
20	C	6.39	7.86	37.88	4.61	6.56	36.70	59.85	
21	A	15.64	18.07	6.63	15.23	13.79	30.64	22.55	
22	A	8.60	8.92	8.50	8.31	3.51	62.17	22.73	
23	D	3.45	6.14	13.28	14.25	3.37	59.51	35.19	
24	B	8.18	5.28	6.35	7.24	3.60	69.35	17.23	
25	A	5.49	8.47	9.03	5.68	3.49	67.84	17.07	
16854 STUDENTS							AVERAGE MARK	83.94	
16854 ELEVES							MOYENNE	83.94	

Student Rankings

Classement des élèves

RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE
1	150	1229	110	10574	79	16862	47
7	145	1398	109	10910	78	16907	46
9	144	1468	108	11309	77	16967	45
21	142	1713	107	11708	76	17031	44
31	139	1801	106	12022	75	17068	43
35	138	2057	105	12292	74	17099	42
65	136	2154	104	12573	73	17126	41
79	134	2423	103	12861	72	17145	40
98	133	2533	102	13230	71	17168	39
99	132	2849	101	13502	70	17195	38
133	131	3024	100	13750	69	17211	37
137	130	3364	99	13959	68	17230	36
164	129	3544	98	14183	67	17244	35
165	128	3920	97	14452	66	17256	34
206	127	4145	96	14674	65	17268	33
214	126	4533	95	14877	64	17280	32
280	125	4808	94	15043	63	17291	31
287	124	5234	93	15215	62	17303	30
329	123	5559	92	15383	61	17306	29
342	122	5943	91	15544	60	17310	28
409	121	6259	90	15703	59	17318	27
419	120	6631	89	15827	58	17323	26
513	119	7014	88	15966	57	17327	25
528	118	7405	87	16084	56	17332	24
624	117	7802	86	16227	55	17334	23
645	116	8199	85	16334	54	17339	22
771	115	8577	84	16430	53	17341	21
810	114	8956	83	16516	52	17342	20
976	113	9430	82	16582	51	17342	18
1011	112	9839	81	16666	50	17361	17
1182	111	10196	80	16741	49	17362	16
				16810	48	17363	14