

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)

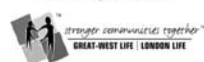
pour les prix

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

C.M.C. Supporters:
Avec la participation de :



Canadian Institute of Actuaries
Institut canadien des actuaires



Great West Life and London Life
London Life, compagnie d'assurance-vie et
La Great-West, compagnie d'assurance-vie



Sybase
Inc. (Waterloo)



C.M.C. Contributors:
Avec l'appui de :

Manulife Financial
Financière Manuvie

Table of Contents

Table des matières

Foreword / Avant-Propos	1
Comments / Commentaires	2
Enrolment / Inscription	3
Champions - 2003 / Champions - 2003	4
The Centre for Education in Mathematics and Computing Prize List / Liste des prix de la Centre d'Éducation en Mathématiques et en Informatique	6
Pascal Contest / Concours Pascal	
Canadian Team Honour Roll / Palmarès des équipes à l'échelle nationale	7
Canadian Student Honour Roll / Palmarès des élèves à l'échelle nationale	8
Statistics for Canada / Statistiques pour Canada	13
Student Rankings / Classement des élèves	13
Cayley Contest / Concours Cayley	
Canadian Team Honour Roll / Palmarès des équipes à l'échelle nationale	14
Canadian Student Honour Roll / Palmarès des élèves à l'échelle nationale	15
Statistics for Canada / Statistiques pour Canada	23
Student Rankings / Classement des élèves	23
Fermat Contest / Concours Fermat	
Canadian Team Honour Roll / Palmarès des équipes à l'échelle nationale	24
Canadian Student Honour Roll / Palmarès des élèves à l'échelle nationale	25
Statistics for Canada / Statistiques pour Canada	29
Student Rankings / Classement des élèves	29
International Results / Résultats internationaux	30
Answers / Réponses	35

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	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	430
2	DAVID THOMPSON S.S.	VANCOUVER	BC	428
3	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	426
4	KELVIN H.S.	WINNIPEG	MB	425
5	WESTERN CANADA H.S. WATERLOO C.I.	CALGARY WATERLOO	AB ON	424 424
7	VICTORIA PARK S.S. A.Y. JACKSON S.S. ERIC HAMBER S.S. DON MILLS C.I.	NORTH YORK NORTH YORK VANCOUVER DON MILLS	ON ON BC ON	422 422 422 422
11	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	420
12	DR. NORMAN BETHUNE C.I. BURNABY NORTH S.S. NORTH TORONTO C.I. UPPER CANADA COLLEGE UNIVERSITY HILL S.S. MERIVALE H.S. THORNHILL S.S.	SCARBOROUGH BURNABY TORONTO TORONTO VANCOUVER OTTAWA THORNHILL	ON BC ON ON BC ON ON	418 418 418 418 418 418 418
19	VINCENT MASSEY S.S.	WINDSOR	ON	416
20	EARL HAIG S.S. ATT:SILZER	NORTH YORK	ON	415
21	ST. JOHN'S-RAVENSCOURT SCHOOL MARC GARNEAU C.I. E.S. ST-LUC ST. GEORGE'S SCHOOL PORT MOODY S.S.S.	WINNIPEG DON MILLS MONTREAL VANCOUVER PORT MOODY	MB ON QC BC BC	414 414 414 414 414
26	ALBERT CAMPBELL C.I. JOHN DIEFENBAKER H.S.	SCARBOROUGH CALGARY	ON AB	412 412
28	J.N. BURNETT S.S.	RICHMOND	BC	411
29	LISGAR C.I. RICK HANSEN S.S. YORK MILLS C.I.	OTTAWA MISSISSAUGA NORTH YORK	ON ON ON	410 410 410
32	HANDSWORTH S.S. WESTDALE S.S. THORNLEA S.S.	NORTH VANCOUVER HAMILTON THORNHILL	BC ON ON	408 408 408
35	GLEBE COLLEGIATE INSTITUTE THE WOODLANDS S.	OTTAWA MISSISSAUGA	ON ON	406 406
37	LORD BYNG S.S. E.S. DE ROCHEBELLE	VANCOUVER STE. FOY	BC QC	405 405
39	BURNABY MOUNTAIN S.S. RICHMOND S.S. HENRY WISE WOOD S.H.S. BURNABY CENTRAL S.S. SIR JOHN A. MACDONALD C.I.	BURNABY RICHMOND CALGARY BURNABY AGINCOURT	BC BC AB BC ON	404 404 404 404 404
44	SEAQUAM S.S. PRINCE OF WALES S.S.	NORTH DELTA VANCOUVER	BC BC	403 403
46	JASPER PLACE SCHOOL SARDIS SENIOR S. JARVIS C.I. SCARLETT HEIGHTS ENT. ACADEMY PINETREE S.S.	EDMONTON SARDIS TORONTO ETOBICOKE COQUITLAM	AB BC ON ON BC	402 402 402 402 402
51	ARBUTUS J.S.S. BIALIK H.S.	VICTORIA COTE ST. LUC	BC QC	401 401

Rank / Position Scores / Notes

53 - 95	400 - 387
100 - 195	386 - 366
203 - 294	365 - 353
301 - 395	352 - 339
400 - 494	338 - 326
502 - 597	325 - 314
609 - 697	313 - 302
706 - 795	301 - 287

There were 1031 three-student teams.
Il y avait 1031 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					
BRAVERMAN	BORIS	BRANTON J.H.S.	CALGARY	AB	8 12
CHAN	JOHN	J.N. BURNETT S.S.	RICHMOND	BC	10 15
FU	GORDON	KILLARNEY S.S.	VANCOUVER	BC	10 15
LIU	SANDY	SCARLETT HEIGHTS ENT. ACADEMY	ETOBICOKE	ON	10 15
SEO	DANIEL	PRINCE OF WALES S.S.	VANCOUVER	BC	8 13
YANG	JACK	UNIVERSITY HILL S.S.	VANCOUVER	BC	10 15
GROUP II / GROUPE II SCORES / NOTES 144 - 144					
CHANG	TIMOTHY	WEST POINT GREY ACADEMY	VANCOUVER	BC	10 15
CHEN	RUI	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	10 15
DENG	JIMMY	EARL HAIG S.S. ATT: SILZER	NORTH YORK	ON	10 16
FELLOWS	SCOTT	JOHN DIEFENBAKER H.S.	CALGARY	AB	10 15
HAN	POLLY	WESTERN CANADA H.S.	CALGARY	AB	10 16
JIANG	TONY	DAVID THOMPSON S.S.	VANCOUVER	BC	10 16
LAM	CINDY	ERIC HAMBER S.S.	VANCOUVER	BC	10 16
LI	JEFFREY	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	10 16
LIU	ANDY	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	10 15
LU	DAVID	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	10 15
MCDONALD	MIKE	WATERLOO C.I.	WATERLOO	ON	9 13
NGUYEN	ATHENA	KELVIN H.S.	WINNIPEG	MB	10 15
OBAL	ALEX	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
SIMOIU	CAMELIA	VICTORIA PARK S.S.	NORTH YORK	ON	10 16
TSAO	MIRIAM	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
XIE	YANGDA	MERIVALE H.S.	OTTAWA	ON	10 16
YOO	JUNBAE	ARBUTUS J.S.S.	VICTORIA	BC	10 16
GROUP III / GROUPE III SCORES / NOTES 142 - 142					
GUO	NILES	A.Y. JACKSON S.S.	NORTH YORK	ON	10 15
JEON	ARI	NORTH TORONTO C.I.	TORONTO	ON	10 16
JERAJ	JAVID	VICTORIA PARK S.S.	NORTH YORK	ON	10 15
JIN	ROBERT	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	9 15
KAO	GARY	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	10 15
KIM	DOOYOUNG	HANDSWORTH S.S.	NORTH VANCOUVER	BC	10 16
KIM	JAESEUNG	BAYVIEW SECONDARY SCHOOL	RICHMOND HILL	ON	9 15
KIM	JIN	BURNABY NORTH S.S.	BURNABY	BC	10 16
KIM	JOOHWAN	UPPER CANADA COLLEGE	TORONTO	ON	10 16
KOBAYASHI	KOJI	DAVID THOMPSON S.S.	VANCOUVER	BC	10 15
LEUNG	DAVID	DAVID THOMPSON S.S.	VANCOUVER	BC	10 15
LUK	TIMOTHY	PEOPLES CHRISTIAN ACADEMY	NORTH YORK	ON	10 15
MAWANI	NOORIN	PICKERING COLLEGE	NEWMARKET	ON	10 15
MISSIOS	GEORGE	DR. NORMAN BETHUNE C.I.	SCARBOROUGH	ON	10 15
PARK	MIKE	THORNHILL S.S.	THORNHILL	ON	10 15
QI	ALEXANDER	WATERLOO C.I.	WATERLOO	ON	10 15
SHAW	EILEEN	WESTERN CANADA H.S.	CALGARY	AB	10 15
SHEN	KERRY	A.Y. JACKSON S.S.	NORTH YORK	ON	10 15
SULTAN	FUAD	ADAM SCOTT C.&V.I.	PETERBOROUGH	ON	10 16
TING	TOMMY	KELVIN H.S.	WINNIPEG	MB	10 15
TOMCEJ	DANIEL	ROSS SHEPPARD COMP. H.S.	EDMONTON	AB	10 15
WANG	JENNY	DON MILLS C.I.	DON MILLS	ON	10 15
WHITE	SHAUN	VINCENT MASSEY S.S.	WINDSOR	ON	10 15
WU	STEVEN	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	10 15
YANG	ANGELA	KELOWNA S.S.	KELOWNA	BC	10 16
ZHAO	YUFEI	DON MILLS C.I.	DON MILLS	ON	9 14
GROUP IV / GROUPE IV SCORES / NOTES 140 - 138					
ADOLPH	NATHAN	HENRY WISE WOOD S.H.S.	CALGARY	AB	10 14
AHN	BRIAN	EARL HAIG S.S.	NORTH YORK	ON	10 16
AHN	SE YOUNG	ST. GEORGE'S SCHOOL	VANCOUVER	BC	10 15
ALEKSANDROV	EVGENY	COBEQUID EDUCATIONAL CENTRE	TRURO	NS	10 15
AN	JAMES	MARC GARNEAU C.I.	DON MILLS	ON	10 15
BAE	JINA	RICK HANSEN S.S.	MISSISSAUGA	ON	10 15

Cayley Contest – Canada

Concours Cayley – Canada

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
BENARROCH	STEEVE	E.MAIMONIDE/CAMP JACOB SAFRA	VILLE ST-LAURENT	QC	10
BERUBE	ANTOINE	E.S. DE ROCHEBELLE	STE. FOY	QC	10 15
CALBRY MUZYKA	ADELAIDE	HAVERGAL COLLEGE	TORONTO	ON	10 15
CAO	CHUNAN	GLENFOREST S.S.	MISSISSAUGA	ON	10 15
CHADI	NICHOLAS	ACADEMIE LAFONTAINE	LAFONTAINE	QC	10 15
CHAKMA	JUSTIN	WATERLOO C.I.	WATERLOO	ON	9 14
CHAN	JAY	ALPHA S.S.	BURNABY	BC	10 16
CHAN	WALTER	UPPER CANADA COLLEGE	TORONTO	ON	10 15
CHARCHUK	DANIEL	JASPER PLACE SCHOOL	EDMONTON	AB	10 15
CHO	EUNICE	PORT CREDIT S.S.	MISSISSAUGA	ON	10 15
CHONG	HON SAN	PINETREE S.S.	COQUITLAM	BC	10 15
CHUANG	TAMMY	YORK HOUSE SCHOOL	VANCOUVER	BC	10 15
COVO	TOM	LOWER CANADA COLLEGE	MONTREAL	QC	10 15
COX	NATALIE	WESTERN CANADA H.S.	CALGARY	AB	10 15
DASWANI	BEN	DELVIEW J.S.S.	DELTA NORTH	BC	10 15
DRAPER	AMANDA	FRANK HURT S.S.	SURREY	BC	10 15
FANG	ANGELA	KILLARNEY S.S.	VANCOUVER	BC	10 16
FERGUSON	DAN	WESTERN CANADA H.S.	CALGARY	AB	10 15
FU	MICHAEL	UPPER CANADA COLLEGE	TORONTO	ON	10 15
GAO	BOWEN	PORT MOODY S.S.S.	PORT MOODY	BC	10 15
GAO	ELIZABETH	NORTH TORONTO C.I.	TORONTO	ON	10 15
HAMILTON	IAIN	WESTERN CANADA H.S.	CALGARY	AB	10 15
HAN	CHANGJOON	ALBERT COLLEGE	BELLEVILLE	ON	10 16
HASANZADEH	NAVID	MARC GARNEAU C.I.	DON MILLS	ON	10 15
HIGGINS	MARK	ASHBURY COLLEGE	OTTAWA	ON	10 15
HO	CHARLES	BURNABY NORTH S.S.	BURNABY	BC	10 15
HO	JEFFREY	BRITANNIA S.S.	VANCOUVER	BC	9 14
HSIEH	LISA	NORTH TORONTO C.I.	TORONTO	ON	10 15
HUANG	CAROL	WOBURN COLLEGIATE INSTITUTE	TORONTO	ON	10 15
HUANG	MICHAEL	A.Y. JACKSON S.S.	NORTH YORK	ON	10 16
HWANG	JOONHEE	FRASER HEIGHTS S.S.	SURREY	BC	10 15
JANZEN	ANDREW	MENNONITE ED. INST.	CLEARBROOK	BC	10 15
JAY	JIN	RICK HANSEN S.S.	MISSISSAUGA	ON	10 15
JEONG	SCOTT	WESTERN CANADA H.S.	CALGARY	AB	10 16
JIANG	CHAOBO	KELVIN H.S.	WINNIPEG	MB	10 15
JIANG	JAMES	CHARLES E. LONDON S.S.	RICHMOND	BC	10 15
JUNG	WILLIAM	HOLY TRINITY C.S.S.	OAKVILLE	ON	10 15
KAZERANI	ALI	WATERLOO C.I.	WATERLOO	ON	10 14
KIM	JAMES	HANDSWORTH S.S.	NORTH VANCOUVER	BC	10 17
KIM	JOOSUNG	YALE S.S.	ABBOTSFORD	BC	9 15
KOO	ANDREW	ST. GEORGE'S SCHOOL	VANCOUVER	BC	10 16
LAM	KEVIN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	10 15
LAU	DONALD	YORK MILLS C.I.	NORTH YORK	ON	10 15
LAU	KEVIN	KILLARNEY S.S.	VANCOUVER	BC	10 16
LAU	VINCENT	ERIC HAMBER S.S.	VANCOUVER	BC	10 15
LEE	BRYANT	BURNABY MOUNTAIN S.S.	BURNABY	BC	10 16
LEE	DAVID	KELVIN H.S.	WINNIPEG	MB	10 15
LEE	STEPHEN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	10 15
LEE	VICTOR	THORNHILL S.S.	THORNHILL	ON	10 15
LEE	VIVIAN	THE WOODLANDS S.	MISSISSAUGA	ON	10 15
LI	CATHERINE	WESTERN CANADA H.S.	CALGARY	AB	10 16
LI	HAN HAN	E.S. ST-LUC	MONTREAL	QC	10 16
LIANG	JAMES	ST. GEORGE'S SCHOOL	VANCOUVER	BC	10 16
LIANG	SAMMY	MARC GARNEAU C.I.	DON MILLS	ON	10 15
LIANG	WEI	JARVIS C.I.	TORONTO	ON	10 16
LIN	CHARLOTTE	LISGAR C.I.	OTTAWA	ON	10 15
LITEROVICH	MATTHEW	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	10 15
LIU	EMILY	SEAQUAM S.S.	NORTH DELTA	BC	10 15
LU	LUCY	MARC GARNEAU C.I.	DON MILLS	ON	10 15
MA	WILLIAM	WATERLOO C.I.	WATERLOO	ON	9 14
MACDONALD	HUNTER	FREDERICTON H.S.	FREDERICTON	NB	10 15
MACHIELSEN	STEPHEN	DR. JOHN HUGH GILLIS SCHOOL	ANTIGONISH	NS	10 16
MAGNUSSON	JOSHUA	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	10 16
MEHTA	SACHIN	THORNHILL S.S.	THORNHILL	ON	10 15
MURDOCH	NICK	LONDON CENTRAL S.S.	LONDON	ON	10 15
MYRFIELD	MADISON	PORT MOODY S.S.S.	PORT MOODY	BC	10 16
NG	GIDEON	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15

Cayley Contest – Canada

Concours Cayley – Canada

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
OGDEN	JOSHUA	PACIFIC ACADEMY	SURREY	BC	10 15
OHARA	ALLEN	OAKRIDGE S.S.	LONDON	ON	9 14
OUELLET	MARC	JEAN-GROU	MONTREAL	QC	10 16
PANG	HELEN	THORNLEA S.S.	THORNHILL	ON	10 15
PARK	RYAN	ST. FRANCIS XAVIER SECONDARY	MISSISSAUGA	ON	10 16
PARK	SEUNG	WESTERN CANADA H.S.	CALGARY	AB	10 14
PERIODICA	RIC JESSE	E.S. ST-LUC	MONTREAL	QC	10 16
PETERS	CRAIG	SOUTH DELTA S.S.	DELTA	BC	10 15
PIERCE	OWEN	BURNABY NORTH S.S.	BURNABY	BC	10 15
POSPISIL	ERIC	MOSCROP SECONDARY SCHOOL	BURNABY	BC	10 16
PRABHAKARAN	SUGUMAR	PRINCESS MARGARET S.S.S.	SURREY	BC	10 15
PRENDERGAST	CAITLIN	TRAFALGAR SCHOOL FOR GIRLS	MONTREAL	QC	10 15
QI	YUAN	SIR FREDERICK BANTING S.S.	LONDON	ON	10 15
QU	CHARLES	DR. NORMAN BETHUNE C.I.	SCARBOROUGH	ON	10 15
SHAN	LOUISA	FORT RICHMOND C.I.	WINNIPEG	MB	10 15
SHAN	MENG	VINCENT MASSEY S.S.	WINDSOR	ON	10 15
SHEK	ROBERT	MARC GARNEAU C.I.	DON MILLS	ON	10 14
SHI	ANGELA	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	10 15
SHI	DIFU	GLEBE COLLEGIATE INSTITUTE	OTTAWA	ON	10 16
SIT	KELVIN	BURNABY NORTH S.S.	BURNABY	BC	10 15
SKALLI	SELMA	E.S. ST-LUC	MONTREAL	QC	10 14
SU	ROGER	SIR ROBERT BORDEN H.S.	NEPEAN	ON	10 15
SUN	PETER	WEXFORD C.I.	SCARBOROUGH	ON	10 16
TAN	RAN	WESTDALE S.S.	HAMILTON	ON	10 15
TONG	BILL	KITCHENER-WATERLOO C.I. & V.I.	KITCHENER	ON	10 15
TOUSIGNANT BAR	JOEL	WESTERN CANADA H.S.	CALGARY	AB	10 15
TSANG	JANE	PORT MOODY S.S.S.	PORT MOODY	BC	10 16
TSAO	JIM	SEMAHMOO S.S.	SURREY	BC	10 15
VIPULANANTHAN	NIRUPAN	VINCENT MASSEY H.S.	BRANDON	MB	10 16
VISHAL	ANSHUL	WESTERN CANADA H.S.	CALGARY	AB	10 15
WANG	HENG RUI	JARVIS C.I.	TORONTO	ON	10 15
WANG	KEVIN YC	R.C. PALMER S.S.	RICHMOND	BC	10 15
WANG	LUCY	SILVERTHORN C.I.	ETOBICOKE	ON	10 16
WEI	LILY	MARTINGROVE C.I.	ETOBICOKE	ON	10 15
WONG	ANDREW	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	10 15
WOO	VINCENT	ERIC HAMBER S.S.	VANCOUVER	BC	10 16
XING	SHUO	E.S. ST-LUC	MONTREAL	QC	10 15
XU	WENXIN	DON MILLS C.I.	DON MILLS	ON	10 15
YANG	JENNY	WESTDALE S.S.	HAMILTON	ON	10 15
YANG	JIMMY	WESTERN CANADA H.S.	CALGARY	AB	10 16
YANG	KAI	DR. NORMAN BETHUNE C.I.	SCARBOROUGH	ON	10 15
YE	SHENG	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	10 15
YE	TIGER HU	LORD BYNG S.S.	VANCOUVER	BC	10 16
YEUNG	BENJAMIN	MERIVALE H.S.	OTTAWA	ON	10 15
YU	IRENE	JOHNSTON HEIGHTS J.S.S.	SURREY	BC	10 15
YU	XIAO	E.S. F LIX-LECLERC	POINTE-CLAIRE	QC	10 16
ZHANG	LIANG	DON MILLS C.I.	DON MILLS	ON	10 16
ZHOU	JING	WATERLOO C.I.	WATERLOO	ON	10 15
ZHOU	KAREN	RIDGEMONT H.S.	OTTAWA	ON	10 15

GROUP V / GROUPE V SCORES / NOTES 137 - 136

ABRA	CHRIS	LAMBRICK PARK	VICTORIA	BC	10 15
BENSOUSSAN	YAEL	E.MAIMONIDE/CAMP JACOB SAFRA	VILLE ST-LAURENT	QC	10 14
BUSHUK	MITCHELL	GLENLAWN C.I.	WINNIPEG	MB	10 15
CHAN	NATALIE	DR. NORMAN BETHUNE C.I.	SCARBOROUGH	ON	10 15
CHEN	MIRANDA	L'AMOREAUX C.I.	AGINCOURT	ON	10 16
CHENG	ANGELA	YORK MILLS C.I.	NORTH YORK	ON	10 15
CHIS	ROXANA	VICTORIA PARK S.S.	NORTH YORK	ON	10 15
CHIU	ANTHONY	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
CHRIS	CHOI	KITSILANO S.S.	VANCOUVER	BC	10 15
DEL VICARIO	LAURA	W.J. MOUAT S.S.	ABBOTSFORD	BC	10 15
DU	YETING	POLYVALENTE SAINT-HENRI	MONTREAL	QC	10 15
DYCK	CARL	BOWNESS H.S.	CALGARY	AB	10 15
GINZBURG	EVGENIA	E.S. ST-LUC	MONTREAL	QC	10 16
GUO	XIAORAN	LISGAR C.I.	OTTAWA	ON	10 15
HO	PETER	H.J. CAMBIE S.S.	RICHMOND	BC	10 15

Cayley Contest – Canada

Concours Cayley – Canada

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
HONG	A NN	BURNABY NORTH S.S.	BC	10	16
HONG	JAMES	JOHN DIEFENBAKER H.S.	AB	10	16
HORECZKY	NICHOLAS	TEMPO SCHOOL	AB	10	15
HOSSYNI	MILAD	E.S. ST-LUC	QC	10	17
HUANG	YIFAN	ALBERNI D.S.S.	BC	10	14
HUH	PILWON	BISHOP ALLEN ACADEMY	ON	10	16
INAYEH	ALEX	SACRED HEART H.S.	ON	10	15
JASON	LEE	TERRY FOX S.S.S.	BC	10	15
JEONG	KEVIN	BRENTWOOD COLLEGE SCHOOL	BC	10	15
JIANG	KEN	ESQUIMALT COMM. SCHOOL	BC	10	16
JIANG	YIDA	A.Y. JACKSON S.S.	ON	10	15
KHOO	ADRIAN	RICHMOND S.S.	BC	10	15
KOO	EDWARD	VANCOUVER COLLEGE H.S.	BC	10	15
LEE	CALVIN	UPPER CANADA COLLEGE	ON	10	15
LEE	VINCENT	VANCOUVER COLLEGE H.S.	BC	10	15
LI	KANGCHENG	YORK MILLS C.I.	ON	10	16
LITTMAN	JORDAN	BIALIK H.S.	QC	10	15
LIU	CHERRY	SIR WINSTON CHURCHILL S.S.	BC	10	14
LIU	JIALIANG	KELVIN H.S.	MB	10	15
LIU	PENG	GLEBE COLLEGIATE INSTITUTE	ON	10	16
MA	JAEHUN	WHITE OAKS S.S.	ON	10	16
MAH	SHANNON	BURNABY NORTH S.S.	BC	10	14
MO	KUN	LISGAR C.I.	ON	10	15
NEDELUCU	IRINA	E.S. ST-LUC	QC	10	16
PARIS	JESSE	MOSCROP SECONDARY SCHOOL	BC	10	15
PIDCOCK	SARAH	DAVID THOMPSON S.S.	BC	10	15
PORLIER	FARNAM	ECOLE D'ÉDUCATION INTERNATIONALE	QC	10	16
QIAO	PETER	NEPEAN H.S.	ON	10	15
QIAO	SHUANG YE	LISGAR C.I.	ON	10	15
SAKATA	KIOMI	SINCLAIR S.S.	ON	10	15
SHAPIRO	ROMAN	VINCENT MASSEY S.S.	ON	10	15
SHI	LUKE	RICHMOND S.S.	BC	10	15
SONG	CARL	LISGAR C.I.	ON	10	15
STEIN	JOEL	ACADEMY FOR GIFTED CHILDREN	ON	10	14
TALLA	KOTA	CENTENNIAL REG. H.S.	QC	10	16
TAN	MACKENZIE	UNIV. OF TORONTO SCHOOLS	ON	10	15
TANG	TOM	BURNABY CENTRAL S.S.	BC	10	16
WANG	BOB	MERIVALE H.S.	ON	10	15
WANG	XIAO	WESTERN CANADA H.S.	AB	10	17
WEN	FRANCES	ALBERT CAMPBELL C.I.	ON	10	15
WONG	ANDYSHUKAU	LANGSTAFF S.S.	ON	10	16
WONG	KEITH	H.J. CAMBIE S.S.	BC	10	15
WU	CHIEN WEI	THORNLEA S.S.	ON	10	16
XU	ERIC	VSB/UBC TRANSITION PROGRAM	BC	10	15
YANG	ANDREW	THORNHILL S.S.	ON	10	15
YE	JIMMY PENG	SIR JOHN A. MACDONALD C.I.	ON	10	16
ZHOU	YUXIANG	RICHMOND HILL H.S.	ON	10	16
ZOU	CHENGLONG	E.S. DES SOURCES	QC	10	15

GROUP VI / GROUPE VI SCORES / NOTES 135 - 134

BELANGER RIOUX	ROSALIE	E.S. DE ROCHEBELLE	STE. FOY	QC	10	15
BEN SHACH	GILAD	BIALIK H.S.	COTE ST. LUC	QC	10	14
BORNSTEIN	JASON	ST. THOMAS OF VILLANOVA	KING CITY	ON	10	15
BYLINSKII	ALEXEI	UNIVERSITY HILL S.S.	VANCOUVER	BC	10	15
CAI	TIANYI	WATERLOO C.I.	WATERLOO	ON	8	13
CHAN	JUSTIN	DAVID THOMPSON S.S.	VANCOUVER	BC	10	15
CHAN	MIKE	DON MILLS C.I.	DON MILLS	ON	10	15
CHANG	ERIN	BRANKSOME HALL SCHOOL	TORONTO	ON	9	15
CHEN	JOSEPH	BURNABY CENTRAL S.S.	BURNABY	BC	10	15
CHEUNG	ALVIN	BURNABY CENTRAL S.S.	BURNABY	BC	10	15
CHOI	CLARA	FATHER MICHAEL MCGIVNEY C.H.S.	MARKHAM	ON	10	15
CHONG	DEMPSTER	WILLIAM LYON MACKENZIE C.I.	TORONTO	ON	10	15
CHUNG	SERAPHINA	THORNHILL S.S.	THORNHILL	ON	10	15
DONG	XIAO	WESTERN CANADA H.S.	CALGARY	AB	10	15
DRAGOMIRESCU	SEBASTIAN	E.S. MONT-ROYAL	MONT-ROYAL/MONTREAL	QC	10	16
FOO	SIONG	BURNABY MOUNTAIN S.S.	BURNABY	BC	10	16
FUNG	SARAH	WESTERN CANADA H.S.	CALGARY	AB	10	15

Cayley Contest – Canada

Concours Cayley – Canada

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
GAO	YANING	E.S. ST-LUC	QC	10	16
GUO	EDWARD	BURNABY SOUTH S.S.	BC	10	16
HAN	ELISABETH	CATHOLIC CENTRAL H.S.	ON	10	16
HARDER	RACHEL	SARDIS SENIOR S.	BC	10	15
HARR SON	ASHLEY	COCHRANE H.S.	AB	10	15
HOU	PHILIP	SARDIS SENIOR S.	BC	10	15
HUNG	INN	MARC GARNEAU C.I.	ON	10	15
IGNJATOVIC	DEJAN	THE WOODLANDS S.	ON	10	15
JI	JAMES	THE WOODLANDS S.	ON	10	15
JIANG	PHOEBE	BURNABY NORTH S.S.	BC	10	15
JIN	SHA	YORK MILLS C.I.	ON	10	16
KASHIGAR	AIDIN	SIR FREDERICK BANTING S.S.	ON	10	15
KIM	STEVE	PORT MOODY S.S.S.	BC	10	15
KWAK	DANIEL	LOWER CANADA COLLEGE	QC	10	15
LALONDE	PATRICK	PINE RIDGE S.S.	ON	10	15
LAM	EMILY	MIDDLEFIELD C.I.	ON	10	16
LAU	ERIC	SIR JOHN A. MACDONALD C.I.	ON	10	15
LEE	ALEX	THORNLEA S.S.	ON	10	15
LEE	JIYOUN	RIVERSIDE S.S.	BC	10	16
LEE	JOYCE	LITTLE FLOWER ACADEMY	BC	10	15
LEE	SAM	THE YORKLAND SCHOOL	ON	10	15
LEUNG	ADRIAN	SIR JOHN A. MACDONALD C.I.	ON	10	15
LI	YANG	SUTHERLAND S.S.	BC	10	16
LIU	FANGQI	A.Y. JACKSON S.S.	ON	10	15
LIU	TAOTAO	VINCENT MASSEY S.S.	ON	10	14
LIU	ZEEN	UNIVERSITY HILL S.S.	BC	10	16
LIVINGSTON	TED	CRESCENT SCHOOL	ON	10	15
LU	PETER	ST. PAUL'S H.S.	MB	10	15
MELENCHUK	STEVEN	HENRY WISE WOOD S.H.S.	AB	10	15
NATARAJAN	ADITYA	WILLIAM LYON MACKENZIE C.I.	ON	10	15
OUYANG	RUIPING	VINCENT MASSEY S.S.	ON	10	16
PIORKOWSKI	JAROSLAW	NOTRE DAME COLLEGE SCHOOL	ON	10	15
RHIM	ISSAC	TORONTO DIST. CHRISTIAN H.S.	ON	10	15
ROSSETTO	DANIEL	NOTRE DAME COLLEGE SCHOOL	ON	10	15
SAMANTHA	HOBBS	LORD ELGIN H.S.	ON	10	15
SHEN	JEN HSIANG	LORD BYNG S.S.	BC	10	15
SHIRANE	RISAKO	GLENLYON - NORFOLK SENIOR S.	BC	10	16
SIMARD	SEBASTIEN	COLLEGE ST-LOUIS	QC	10	15
SUH	MICHAEL	A.Y. JACKSON S.S.	ON	10	16
SZETO	AMANDA	CEDARBRAE C.I.	ON	10	15
TAI	TSUNG YIN	E.S. ST-LUC	QC	10	17
TIMAN	ANNEKE	SYDENHAM D.H.S.	ON	10	15
TRAN	ERIC	WESTERN CANADA H.S.	AB	10	15
TSANG	JACQUELINE	BRANKSOME HALL SCHOOL	ON	10	15
TSE	LUCAS	RICK HANSEN S.S.	ON	10	15
VEKSELMAN	ALYSSA	COLLEGE MARIE-DE-FRANCE	QC	10	13
WAGNE R	GA RY	SARDIS SENIOR S.	BC	10	17
WANG	RAY	COLONEL BY S.S.	ON	10	15
WILINOFKY	JONATHAN	UNIVERSITY HILL S.S.	BC	10	16
WONG	ADRIAN	J.N. BURNETT S.S.	BC	10	15
WONG	JONATHAN	THORNHILL S.S.	ON	10	15
WOOD	BYRON	FORT RICHMOND C.I.	MB	10	15
WU	STEVEN	A.Y. JACKSON S.S.	ON	10	15
YANG	SSUNY	YALE S.S.	BC	10	15
YU	JOE	MARTINGROVE C.I.	ON	10	16
ZHOU	KIM	UNIV. OF TORONTO SCHOOLS	ON	10	15

GROUP VII / GROUPE VII SCORES / NOTES 133 - 132

AADOSON	PETER	OPEONGO H.S.	ON	10	15
ALAM	SHAHBAZ	MARC GARNEAU C.I.	ON	10	15
ALLISON	JAMES	HOLY TRINITY SCHOOL	ON	10	15
AU	CHARLES	J.N. BURNETT S.S.	BC	9	14
BACHMUTSKY	VADIM	VICTORIA PARK S.S.	ON	10	16
BACINSCHI	TED	UPPER CANADA COLLEGE	ON	10	16
BADALI	MATTHEW	IONA C.S.S.	ON	10	15
BAWKS	EVAN	RICHVIEW C.I.	ON	10	15
BENNY	SIU	STEVESTON S.S.	BC	10	16

Cayley Contest – Canada

Concours Cayley – Canada

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
BERGMANN	KRISTOFER	ST. PAUL'S H.S.	WINNIPEG	MB	10 15
BERGSTRA	PETER	WEST HILL S.S.	OWEN SOUND	ON	10 15
BERNARD	SEBASTIEN	ECOLE POLYVALENTE ST-FRANCOIS	BEAUCEVILLE-OUEST	QC	10 15
BJORNSTAD	LEIF	MCNALLY COMP. H.S.	EDMONTON	AB	10 16
BONANY	JAMIE	LASALLE S.S.	SUDBURY	ON	10 15
BOTNARU	TUDOR	E.S. DE ROCHEBELLE	STE. FOY	QC	10 15
BOURGEOIS	SIMON	UPPER CANADA COLLEGE	TORONTO	ON	10 16
BUCHANAN	NATHAN	CLEO BORAC	PICTON	ON	10 16
CAMPBELL	TED	WESTERN TECH. COMM. SCHOOL	TORONTO	ON	10 15
CAO	ROBERT	PIERREFONDS COMPREHENSIVE H.S.	PIERREFONDS	QC	10 15
CH O	YOUNG JOON	NEWTONBROOK S.S.	NORTH YORK	ON	10 16
CHAK	TINGS	THORNLEA S.S.	THORNHILL	ON	10 15
CHAN	ALEX	M.E. LAZERTE COMP. H.S.	EDMONTON	AB	10 15
CHAN	ANTHONY	WESTDALE S.S.	HAMILTON	ON	10 16
CHAN	IRWIN	LISGAR C.I.	OTTAWA	ON	10 16
CHANG	JENNIFER	JOHN DIEFENBAKER H.S.	CALGARY	AB	10 16
CHANG	OSCAR	SHAWNIGAN LAKE SCHOOL	SHAWNIGAN LAKE	BC	10 16
CHAO	PAULINE	SIR JOHN A. MACDONALD C.I.	AGINCOURT	ON	10 15
CHEN	LARRY	SANDWICH S.S.	LASALLE	ON	10 15
CHEONG	MITCHELL	ARBUTUS J.S.S.	VICTORIA	BC	10 14
CHESTERMAN	JULIAN	COCHRANE H.S.	COCHRANE	AB	10 16
CHI	JONATHAN	OLD SCONA ACADEMIC H.S.	EDMONTON	AB	10 15
CHIEN	JASON	STEVESTON S.S.	RICHMOND	BC	10 15
CHIN	EMILY	SIR WINSTON CHURCHILL H.S.	CALGARY	AB	10 15
CHIU	AARON	UPPER CANADA COLLEGE	TORONTO	ON	10 14
CHRAPKA	PHILIP	WESTDALE S.S.	HAMILTON	ON	10 15
CHUI	MATHEW	DON MILLS C.I.	DON MILLS	ON	10 16
CROTEAU	CHRISTINE	COLLEGE ST-ALEXANDRE	GATINEAU	QC	10 15
DANG	ROBIN	WOODBRIIDGE COLLEGE	WOODBRIIDGE	ON	10 15
DIAO	NANCY	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	10 15
DINARDO	PAUL	RICHMOND HILL H.S.	RICHMOND HILL	ON	10 16
DUMITRIU	ARMAND	COLLEGE JEAN DE BREBEUF	MONTREAL	QC	10 15
DURAFOURT	BRYCE	SELWYN HOUSE SCHOOL	MONTREAL	QC	10 15
EASTMAN	JASON	STRATHROY D.C.I.	STRATHROY	ON	10 16
EGYES	DAVID	ECOLE MAIMONIDE-CAMP. PARKHAVE	COTE ST. LUC	QC	10 15
EMBREE	ROBERT	DR. JOHN HUGH GILLIS SCHOOL	ANTIGONISH	NS	10 14
FAN	DOREEN	VINCENT MASSEY S.S.	WINDSOR	ON	10 16
FRIDHANDLER	JON	WESTERN CANADA H.S.	CALGARY	AB	10 15
FRY	MICHAEL	CARIBOO HILL S.S.	BURNABY	BC	10 16
FUBER	KIMBERLEY	SENTINEL S.S.	WEST VANCOUVER	BC	10 15
FUNG	THOMAS	BURNABY NORTH S.S.	BURNABY	BC	10 15
GAI	NAN	MERIVALE H.S.	OTTAWA	ON	10 15
GAO	JENNY	THE WOODLANDS S.	MISSISSAUGA	ON	10 15
GAUDETTE	ERIC	JASPER PLACE SCHOOL	EDMONTON	AB	10 15
GONG	ZHAOWEI	WESTDALE S.S.	HAMILTON	ON	10 15
GUHA	DEEP	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
GUO	SAM	COLONEL BY S.S.	GLOUCESTER	ON	10 16
GUOLLA	LOUISE	GLEBE COLLEGIATE INSTITUTE	OTTAWA	ON	10 14
HALPERN	YONI	YESHIVAT BNEI AKIVA OR CHAIM	DOWNSVIEW	ON	10 16
HER	SOHYOUNG	VAUGHAN S.S.	THORNHILL	ON	10 15
HOLMES	RICHARD	SOUTHRIDGE SCHOOL	SURREY	BC	10 15
HOLUBESHEN	DAVID	SHERWOOD S.S.	HAMILTON	ON	10 15
HRYNIEWICKI	MACIEJ	VICTORIA PARK S.S.	NORTH YORK	ON	10 15
HSU	WAYNE	KING GEORGE S.S.	VANCOUVER	BC	10 15
HUA	PEGGY	BURNABY SOUTH S.S.	BURNABY	BC	10 15
HWANG	JINHA	ST. JOHN'S-RAVENS COURT SCHOOL	WINNIPEG	MB	10 16
JANG	LEAH	BRANKSOME HALL SCHOOL	TORONTO	ON	10 16
JIN	TIM	VINCENT MASSEY S.S.	WINDSOR	ON	10 15
JONES	EVAN	NORTHERN S.S.	TORONTO	ON	10 15
JUE	HENRY	ST. GEORGE'S SCHOOL	VANCOUVER	BC	10 15
JULIAN	MAX	HIGHLAND S.S.	DUNDAS	ON	10 16
KAO	ANSON	THE WOODLANDS S.	MISSISSAUGA	ON	10 15
KAWRYKOW	DAVID	COLONEL BY S.S.	GLOUCESTER	ON	10 15
KERTESZ	AUDREY	HENRY WISE WOOD S.H.S.	CALGARY	AB	10 15
KIM	MARIE	PORT MOODY S.S.S.	PORT MOODY	BC	10 15
KIM	PAUL	SEAQUAM S.S.	NORTH DELTA	BC	10 16
KIM	ROSA	WESTVIEW S.S.	MAPLE RIDGE	BC	10 15

Cayley Contest – Canada

Concours Cayley – Canada

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
KOMAL	TARJIT	SIR WILFRID LAURIER H.S.	ORLEANS	ON	10 15
KOMISAR	VICKI	WESTERN CANADA H.S.	CALGARY	AB	10 15
KOOP	JULIEN	VINCENT MASSEY COLLEGIATE	WINNIPEG	MB	10 16
KVANN	JULIE	COLLEGE REGINA ASSUMPTA	MONTREAL	QC	10 16
KWAN	BENJAMIN	VINCENT MASSEY S.S.	WINDSOR	ON	10 15
KWONG	PHILIP	GLOUCESTER H.S.	GLOUCESTER	ON	10 15
LAI	ALDOUS	MARKHAM D.H.S.	MARKHAM	ON	10 15
LAI	RICKY	MARKHAM D.H.S.	MARKHAM	ON	10 15
LANE	JEFF	WEST VANCOUVER S.S.	WEST VANCOUVER	BC	10 15
LAO	YUANCHUZI	SECONDAIRE ANTOINE BROSSARD	BROSSARD	QC	10 15
LATOOUR	BRIAN	J.H. BRUNS C.I.	WINNIPEG	MB	10 15
LAU	GEORGEU	PEOPLES CHRISTIAN ACADEMY	NORTH YORK	ON	10 16
LAU	JUSTIN	DR. G.W. WILLIAMS S.S.	AURORA	ON	10 15
LAU	KAREN	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
LEE	ADRIENNE	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
LEE	JUNG MIN	KING'S-EDGEHILL SCHOOL	WINDSOR	NS	10 17
LEE	TAEHYOUNG	EARL OF MARCH S.S.	KANATA	ON	10 15
LEUNG	LEO	UNIONVILLE H.S.	UNIONVILLE	ON	10 15
LEUNG	NELSON	ST. GEORGE'S SCHOOL	VANCOUVER	BC	10 16
LI	JEFF	WOODROFFE H.S.	OTTAWA	ON	10 15
LI	JULIA	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	10 15
LIANG	CHENEN	WATERLOO C.I.	WATERLOO	ON	10 15
LIN	JULIA	BURNABY CENTRAL S.S.	BURNABY	BC	10 15
LUI	ARTHUR	ST. GEORGE'S SCHOOL	VANCOUVER	BC	10 16
LUI	COLMAN	ERIC HAMBER S.S.	VANCOUVER	BC	10 15
LUI	SAM	PINETREE S.S.	COQUITLAM	BC	10 15
MACDONALD	LEIF	PRINCE OF WALES S.S.	VANCOUVER	BC	10 15
MAK	GARY	HUGH BOYD SECONDARY	RICHMOND	BC	9 14
MAO	HOLLY	VINCENT MASSEY S.S.	WINDSOR	ON	10 15
MARTIN	GUILLAUME	E.S. DU VERBE DIVIN	GRANBY	QC	10 16
MCCAFFREY	CARMEN	ST. MARY'S HIGH SCHOOL	CALGARY	AB	10 15
MEYERS	RYAN	OAKVILLE TRAFALGAR H.S.	OAKVILLE	ON	10 16
MOYER	THOMAS	H.D. STAFFORD S.S.	LANGLEY	BC	10 15
MUKADA	NAJIB	PORT MOODY S.S.S.	PORT MOODY	BC	10 16
MYLES	EMILY	ECOLE VILLA MARIA	MONTREAL	QC	10 15
NG	TIM	SIR JOHN A. MACDONALD C.I.	AGINCOURT	ON	10 15
NIBESH	FAHMID	WOBURN COLLEGIATE INSTITUTE	TORONTO	ON	10 15
NORMANDIN	JULIE	COLLEGE LAVAL	LAVAL	QC	10 15
PAMANDANAN	BRIAN	GLADSTONE S.S.	VANCOUVER	BC	8 13
PARK	PHILIP	VICTORIA PARK S.S.	NORTH YORK	ON	10 15
PELCHAT	SIMON	COLLEGE DE LEVIS	LEVIS	QC	10 16
PETERS	LINDEN	QUEEN ELIZABETH H.S.	CALGARY	AB	10 15
PRODAN	VLADIMIR	WILLIAM LYON MACKENZIE C.I.	TORONTO	ON	10 15
QIU	JIAYI	GEORGE S. HENRY ACADEMY	TORONTO	ON	10 16
RANKIN	JEFFREY	PORT PERRY H.S.	PORT PERRY	ON	10 15
RODRIGUES	KARI	ST. PAUL'S H.S.	WINNIPEG	MB	10 14
SACHEDINA	AYAAZ	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
SHIN	JISOO	SUTHERLAND S.S.	NORTH VANCOUVER	BC	10 15
SINGH	DAVINDER	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	10 15
SIU	MANDY	WESTERN CANADA H.S.	CALGARY	AB	10 15
SMALL	CRAIG	SEAQUAM S.S.	NORTH DELTA	BC	10 15
STRYKER	ALYSSA	ARCHBISHOP MACDONALD H.S.	EDMONTON	AB	10 15
SU	ALLEN	SEAQUAM S.S.	NORTH DELTA	BC	10 16
SU	ANN	SEAQUAM S.S.	NORTH DELTA	BC	10 16
SUNG	ALDIS	ST. ANDREW'S COLLEGE	AURORA	ON	10 15
SZE	JAY	RICHMOND S.S.	RICHMOND	BC	10 15
TANEBE	YU	UPPER CANADA COLLEGE	TORONTO	ON	10 15
TANG	JEFFREY	KILLARNEY S.S.	VANCOUVER	BC	10 15
TANG	RAYMOND	RICHMOND HILL H.S.	RICHMOND HILL	ON	10 15
TICHLER	ADRIAN	UNIVERSITY HILL S.S.	VANCOUVER	BC	10 14
TRAN	CHRIS	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10 15
TSAI	BEN	BURNABY SOUTH S.S.	BURNABY	BC	10 15
WAN	KELVIN	MARKHAM D.H.S.	MARKHAM	ON	10 15
WANG	DAVID SHUO	ROSS SHEPPARD COMP. H.S.	EDMONTON	AB	10 15
WANG	ZIXI	NORTH TORONTO C.I.	TORONTO	ON	10 15
WARDE	RICHARD	COLLEGE REGINA ASSUMPTA	MONTREAL	QC	10 15
WATT BICKLEY	CHRIS	SIR WILFRID LAURIER H.S.	ORLEANS	ON	10 15

Cayley Contest – Canada

Concours Cayley – Canada

NAME NOM		SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
WEBER	DAVID	VINCENT MASSEY COLLEGIATE	WINNIPEG	MB	10	15
WEI	YINGLU	BELL H.S.	NEPEAN	ON	10	15
WILLIAMS	MATT	WESTERN CANADA H.S.	CALGARY	AB	10	15
WONG	AARON	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	10	15
WONG	ANNEY	AGINCOURT C.I.	TORONTO	ON	10	15
WONG	CASEY	BURNABY NORTH S.S.	BURNABY	BC	10	15
WONG	CHRIS	UPPER CANADA COLLEGE	TORONTO	ON	10	16
WONG	JAMES	DELVIEW J.S.S.	DELTA NORTH	BC	10	15
WU	ANGELA	SIR JOHN A. MACDONALD C.I.	AGINCOURT	ON	10	16
WU	STEVEN	WESTERN CANADA H.S.	CALGARY	AB	10	16
WYNJA	JASON	H.D. STAFFORD S.S.	LANGLEY	BC	10	15
XU	SOPHIA	ALPHA S.S.	BURNABY	BC	10	15
XU	YI	POLYVALENTE SAINT-HENRI	MONTREAL	QC	10	16
XU	ZHANG	DAVID & MARY THOMSON C.I.	SCARBOROUGH	ON	10	15
YANG	SCOTT	TRINITY COLLEGE SCHOOL	PORT HOPE	ON	10	16
YANG	YEJI	E.S. ST-LUC	MONTREAL	QC	10	16
YAO	DARRYL	MARC GARNEAU C.I.	DON MILLS	ON	10	15
YAWNEY	JOHN	LOCKERBY COMPOSITE SCHOOL	SUDBURY	ON	10	15
YEUNG	RANI	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	10	15
YOO	CHRISTINE	EARL HAIG S.S. ATT: SILZER	NORTH YORK	ON	10	16
YOON	ERICA	UNIVERSITY HILL S.S.	VANCOUVER	BC	10	15
YU	DANNY	ST. GEORGE'S SCHOOL	VANCOUVER	BC	10	15
YU	SHARON	WESTDALE S.S.	HAMILTON	ON	10	15
ZA EEM	RIZWAN	JOHN L. FORSTER S.S.	WINDSOR	ON	10	16
ZENG	HENRY	NORTH TORONTO C.I.	TORONTO	ON	10	15
ZHANG	CHENCHEN	LISGAR C.I.	OTTAWA	ON	9	14
ZHANG	KEVIN	LORD BYNG S.S.	VANCOUVER	BC	10	15
ZHANG	LARRY	JASPER PLACE SCHOOL	EDMONTON	AB	10	14

Cayley Contest – Statistics

Concours Cayley – Statistiques

QUES. NUM. NO DE QUEST	CORRECT ANSWER BONNE RÉPONSE	PERCENTAGE OF CONESTANTS SELECTING EACH OPTION POURCENTAGE DE CONCURRENTS PAR CHOIX					PERCENTAGE NOT ATTEMPTED CORRECT OF ATTEMPTED POURCENTAGE SANS RÉPONSE TENTATIVES REUSSIES		
		A	B	C	D	E			
1	D	2.73	2.38	2.56	91.89	0.25	0.20	92.07	
2	A	88.78	10.45	0.28	0.12	0.14	0.22	88.98	
3	D	0.49	1.97	0.77	95.18	0.70	0.90	96.04	
4	A	91.46	2.10	0.78	1.90	1.21	2.56	93.86	
5	B	3.40	86.32	3.65	1.82	2.51	2.30	88.35	
6	A	90.02	4.57	1.23	1.04	1.61	1.52	91.41	
7	C	2.77	0.91	92.68	2.11	0.27	1.26	93.86	
8	C	3.09	11.24	79.51	3.57	1.09	1.50	80.72	
9	A	71.74	3.92	2.07	4.59	3.21	14.48	83.88	
10	D	2.00	23.71	5.09	55.44	4.49	9.27	61.10	
11	E	2.99	11.56	4.54	6.72	62.45	11.74	70.75	
12	D	13.67	4.73	3.74	58.65	2.56	16.65	70.37	
13	B	4.49	65.05	2.66	0.89	17.99	8.93	71.43	
14	B	7.94	75.84	3.88	7.00	2.34	2.99	78.19	
15	A	72.43	3.19	1.61	4.69	4.57	13.51	83.74	
16	B	63.81	15.95	1.57	2.72	3.44	12.51	18.23	
17	E	17.44	8.95	5.17	21.46	24.33	22.65	31.46	
18	A	57.13	3.89	2.69	5.89	3.21	27.20	78.48	
19	C	4.16	4.53	52.01	5.58	3.90	29.82	74.11	
20	D	10.53	7.45	7.38	33.26	4.13	37.25	53.00	
21	E	20.25	5.29	7.69	18.52	16.77	31.47	24.48	
22	D	8.33	12.47	4.75	27.55	8.42	38.47	44.78	
23	B	11.56	19.81	9.35	6.14	3.63	49.52	39.24	
24	E	8.84	9.00	9.72	5.19	6.06	61.19	15.62	
25	C	4.08	9.37	7.38	7.54	6.45	65.18	21.19	

20811 STUDENTS
20811 ÉLÈVES

AVERAGE MARK 88.57
MOYENNE 88.57

Student Rankings

Classement des élèves

RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE
1	150	1844	116	10659	88	18760	60	20625	32
5	145	2073	115	11066	87	18915	59	20643	31
7	144	2157	114	11441	86	19054	58	20657	30
24	142	2459	113	11803	85	19175	57	20665	29
50	140	2553	112	12191	84	19305	56	20670	28
52	139	2846	111	12539	83	19431	55	20678	27
53	138	2968	110	12967	82	19550	54	20684	26
172	137	3248	109	13314	81	19632	53	20692	25
177	136	3400	108	13657	80	19717	52	20696	24
235	135	3772	107	13978	79	19812	51	20697	23
238	134	3950	106	14361	78	19905	50	20702	22
308	133	4343	105	14727	77	19971	49	20712	21
324	132	4549	104	15078	76	20038	48	20717	20
481	131	4939	103	15393	75	20103	47	20721	19
497	130	5179	102	15692	74	20178	46	20723	18
595	129	5633	101	15953	73	20234	45	20724	17
612	128	5924	100	16228	72	20278	44	20726	15
717	127	6350	99	16544	71	20326	43	20727	12
748	126	6629	98	16792	70	20372	42	20728	11
919	125	7046	97	17042	69	20416	41	20729	6
940	124	7388	96	17272	68	20453	40	20730	0
1074	123	7808	95	17476	67	20482	39		
1099	122	8193	94	17725	66	20510	38		
1245	121	8605	93	17935	65	20534	37		
1294	120	8991	92	18119	64	20552	36		
1522	119	9422	91	18263	63	20581	35		
1572	118	9806	90	18440	62	20599	34		
1775	117	10197	89	18619	61	20615	33		