

2008 2008 Results Résultats

 $egin{array}{ll} Pascal & Contest & Concours & Pascal \ {}^{(Grade \ 9)} & {}^{(g^e \ ann\'ee \ - \ Sec. \ III)} \end{array}$ 

Fermat Contest

(Grade 11)

(9<sup>e</sup> année – Sec. III)

Cayley Contest Concours Cayley
(Grade 10) Concours Cayley
(10° année – Sec. IV)

Concours Fermat

 $(11^e \text{ ann\'ee} - Sec. V)$ 

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STRONGER COMMUNITIES TOGETHER™



# Centre for Education in Mathematics and Computing Faculty and Staff / Personnel du Concours canadien de mathématiques

Ed Anderson

Lloyd Auckland

Terry Bae

Janet Baker

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Fiona Dunbar

Jeff Dunnett

Mike Eden

Barry Ferguson

Judy Fox

Sandy Graham

Angie Hildebrand

Judith Koeller

Joanne Kursikowski

Dean Murray

J.P. Pretti

Linda Schmidt

Kim Schnarr

Jim Schurter

Carolyn Sedore

Ian VanderBurgh

Troy Vasiga

#### Problems Committees / Comités des problèmes

#### Pascal Contest / Concours Pascal

Wally Webster (Chair / président), Exeter, ON
Lloyd Auckland, Waterloo, ON
Janet Christ, Walter Murray C.I., Saskatoon, SK
Nerissa Coronel, St. Marguerite d'Youville C.S.S., Brampton, ON
JP Pretti, University of Waterloo, Waterloo, ON
Jim Schurter, University of Waterloo, Waterloo, ON
Tyler Somer, Kitchener, ON
Anna Spanik, Halifax West H.S., Halifax, NS

#### Cayley Contest / Concours Cayley

Jeff Anderson (Chair / président), Forest Heights C.I., Kitchener, ON Tom Barker, Stratford Central S.S., Stratford, ON Charlotte Danard, Branksome Hall, Toronto, ON Shawn Godin, Cairine Wilson S.S., Orleans, ON Catherine Haines, Western Technical-Commerical School, Toronto, ON Christopher Ing, Vincent Massey S.S., Windsor, ON Jack Koenka, Havergal College, Toronto, ON

#### Fermat Contest / Concours Fermat

Paul Fennell (Chair / président), London, ON Fiona Dunbar, University of Waterloo, Waterloo, ON Cliff Lelievre, Oakville Trafalgar H.S., Oakville, ON Michelle McGinty, Waterloo C.I., Waterloo, ON Dean Murray, University of Waterloo, Waterloo, ON Alexandru Pintilie, Crescent School, Toronto, ON Dan Schnabel, Vaughan S.S., Thornhill, ON David Shepherd, Collingwood C.I., Collingwood, ON Foreword Avant-Propos

The Centre for Education in Mathematics and Computing is proud to once again be the major sponsor of the Canadian Mathematics Competition this year. The year 2008 marks the 46th year of Contests produced by the Canadian Mathematics Competition.

Our congratulations go to all who participated in this year's Pascal, Cayley and Fermat Contests. This year's Contests were resounding successes, with average of 87.3, 90.1 and 86.4 across the three Contests. The number of students with perfect papers on the three Contests were 42, 12 and 6, including International and Unofficial competitors. We are very pleased with these results. The overall number of students writing this year's papers showed a small decrease over that from 2007.

This year, we tried for the first time having individual school results available online in "real time" as we scanned and marked forms. As a result, we were able to have some students' scores available within three days of the Contests. We were quite happy with how this worked, and will continue to experiment with this.

As always, we would like to thank the hard-working Problems Committees. Most of the members of these Committees are active secondary school teachers from across Canada who volunteers their time and contribute dozens of hours of expertise. Without their intriguing and sometimes amusing problems, these Contests would not be possible.

We would also like to thank all participants, both teachers and students. We hope that the papers provided you with some interesting mathematics to think about and play with. Thank you for your support! Please continue to encourage your colleagues and fellow students to become involved in our activities.

Le Centre d'éducation en mathématiques et en informatique à encore une fois le plaisir d'être un majeur supporter du Concours canadien de mathématiques. L'année 2008 marque la 46e année de concours produit par le Concours canadien de mathématiques.

Nos félicitations vont à tous les participants du Concours Pascal, Cayley et Fermat de cette année. Les Concours de cette année retentissaient de succès, avec des moyennes de 87,3, 90,1 et 86,4 à travers les trois Concours. Le nombre d'étudiants possédant un concours parfait était de 42, 12 et 6, en incluant les concurrents internationaux et non officiels. Nous sommes satisfait de ces résultats. L'ensemble du nombre de participants cette année a montré une petite diminution comparée à 2007.

Cette année, nous avons essayé pour la première fois d'avoir les résultats d'école disponible en ligne au fur et à mesure que nous avions balayé et corrigé les formulaires de réponses. Par conséquent, nous avions les résultats pour beaucoup des étudiants disponibles trois jours après les Concours. Nous étions tout à fait heureux avec le déroulement et nous continuerons à expérimenter avec ceci.

Nous aimerions surtout remercier les Comités de problèmes pour leur dur travail. La plupart des membres de ces Comités sont des enseignant(e)s d'école secondaire actifs d'un bout à l'autre du Canada qui offre leur temps et contribuent des douzaines d'heures d'expertise. Sans leurs problèmes perspicaces et amusants, ces Concours ne seraient pas possibles.

Nous aimerions remercier aussi tous les participants incluant les enseignants et les étudiants. Nous espérons que les concours vous ont offert des mathématiques intéressantes qui vous ont amusées et portées à réfléchir. Merci pour votre soutien continué!

#### Number of schools registered by province / Nombre d'écoles inscrit par province

	Pascal	Cayley	Fermat
NL	57	56	55
NS	38	30	30
NB	30	31	30
PE	5	4	4
QC	102	102	99
ON	638	631	628
MB	49	46	47
SK	34	33	31
AB	78	45	41
BC	200	188	189
International	58	60	58
Total	1289	1226	1212

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

	Pascal	Cayley	Fermat
NL	998	826	727
NS	1120	646	597
NB	585	627	507
PE	144	63	71
QC	3161	2734	2412
ON	14959	12289	10525
MB	1434	1020	809
SK	805	655	447
AB	2493	867	787
BC	6324	5086	4406
International	1994	1585	1191
Total	34017	26398	22479

Total number of students enrolled / Nombre d'inscriptions individuelles: 82894

Champions-2008 Champions-2008

# 2008 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2008

#### PASCAL CONTEST / CONCOURS PASCAL

#### STUDENTS /ÉLÈVES

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

Gold Medals School	Location	Grade
Médailles d'or École	Endroit	Niveau
SEUNGJIN AN St. Andrew's Co	ollege Aurora, ON	8
AMALIA CONG Windfields J.H.	, , , , , , , , , , , , , , , , , , ,	9
SEAN DEBRONI St. Michael's Un	niversity School Victoria, BC	9
JACK DILLON Athens D.H.S.	Athens, ON	8
JASMINE DING William Lyon N	Mackenzie C.I. North York, ON	9
BENOIT FOURNIER College Jean de	Brebeuf Montreal, QC	9
JIAYUE GAO Stratford Hall	Vancouver, BC	9
ANDY HAN Gordon Graydo	n Memorial S.S. Mississauga, ON	9
JIMMY HE University of To	oronto Schools Toronto, ON	9
ALICE HU West Vancouver	S.S. West Vancouver, BC	9
ALEX JI Marc Garneau (	C.I. North York, ON	9
HEINRICH JIANG Vincent Massey	S.S. Windsor, ON	9
ERIC KIM Windfields J.H.	S. North York, ON	9
TIAN LAN Northern S.S.	Toronto, ON	9
CHIEH MING LIU Fraser Heights S	S.S. Surrey, BC	9
LARRY LIU Point Grey S.S.	Vancouver, BC	9
RICHARD LIU University of To	oronto Schools Toronto, ON	9
BRENT LOWRY Riverbend J.H.S	S. Edmonton, AB	9
XIN NING Zion Heights J.1	H.S. North York, ON	9
SUZIE PAN Hugh McRobert	ts S.S. Richmond, BC	9
SUNGHWAN PARK Fredericton H.S	. Fredericton, NB	9
SUSAN SUN West Vancouver	r S.S. West Vancouver, BC	8
SHELDON TUNG University of To	pronto Schools Toronto, ON	9
YAO WANG St. Michael's Un	niversity School Victoria, BC	9
MATTHEW WARREN The Woodlands	School Mississauga, ON	9
AMY WU Burnaby South	S.S. Burnaby, BC	9
PHILIP XIAO Sir Winston Ch	urchill S.S. Vancouver, BC	9
YUNG LIN YANG Northern S.S.	Toronto, ON	9
FAN YIN Vincent Massey	S.S. Windsor, ON	9
JOE ZENG Zion Heights J.1	H.S. North York, ON	9
CYRIL ZHANG Zion Heights J.1	H.S. North York, ON	9
MENG ZHAO Queen Elizabeth	h H.S. Calgary, AB	9
BRYAN ZHONG Victoria Park C	9 0,	9
KAIVEN ZHOU Vernon Barford	· · · · · · · · · · · · · · · · · · ·	9
KEVIN ZHOU	North York, ON	8

## TEAMS / ÉQUIPES

	School	Location	Score
	École	Endroit	Note
Champion / Première	University of Toronto Schools	Toronto, ON	450
	Zion Heights J.S.S.	North York, ON	450
Third / Troisième	Northern S.S.	Toronto, ON	444
	West Vancouver S.S.	West Vancouver, BC	444
	Windfields J.H.S.	North York, ON	444

# 2008 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2008

## CAYLEY CONTEST / CONCOURS CAYLEY

## STUDENTS /ÉLÈVES

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

Gold Medals	School	Location	Grade
Médailles d'or	École	Endroit	Niveau
TYSON ANDRE	Richmond Hill H.S.	Richmond Hill, ON	10
DUNCAN DAUVERGNE	University Hill S.S.	Vancouver, BC	10
ROBERT LEE	Thornlea S.S.	Thornhill, ON	10
SIMON QUACH	Gordon Graydon Memorial S.S.	Mississauga, ON	10
MARIYA SARDARLI	McKernan J.H.S.	Edmonton, AB	8
RICHARD WANG	Sir Winston Churchill S.S.	Vancouver, BC	10
DAVID XU	Sir Winston Churchill S.S.	Vancouver, BC	10
JENNIFER YU	McKernan J.H.S.	Edmonton, AB	9
XINGYU ZHOU	Walter Murray C.I.	Saskatoon, BC	10

# TEAMS / ÉQUIPES

	School	Location	Score
	École	Endroit	Note
Champion / Première	Sir Winston Churchill S.S.	Vancouver, BC	442
Second / Deuxième	Richmond Hill S.S.	Richmond Hill, ON	430
Third / Troisième	University of Toronto Schools	Toronto, ON	428
Fourth / Quatrième	Gordon Graydon Memorial S.S.	Mississauga, ON	426
	St. John's-Ravenscourt School	Winnipeg, MB	426

# 2008 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2008

Champions-2008

#### FERMAT CONTEST / CONCOURS FERMAT

#### STUDENTS /ÉLÈVES

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

Gold Medals	School	Location	Grade
Médailles d'or	École	Endroit	Niveau
JUNGHOO KIM	University Hill S.S.	Vancouver, BC	10
ZHIQIANG LIU	Don Mills C.I.	North York, ON	10
JULIAN SUN	Sir Winston Churchill S.S.	Vancouver, BC	11
SIMON YIN	O'Neill C.V.I.	Oshawa, ON	11
NOBLE ZHAI	Western Canada H.S.	Calgary, AB	11

# TEAMS / ÉQUIPES

	School	Location	Score
	École	Endroit	Note
Champion / Première	Western Canada H.S.	Calgary, AB	436
Second / Deuxième	University Hill S.S.	Vancouver, BC	428
Third / Troisième	Sir Winston Churchill S.S.	Vancouver, BC	424
Fourth / Quatrième	Vincent Massey S.S.	Windsor, ON	418
Fifth / Cinquième	Point Grey S.S.	Vancouver, BC	416

Champions-2008

# 2008 FERMAT CONTEST PROVINCIAL CHAMPIONS CHAMPIONS PROVINCIAUX AU CONCOURS FERMAT 2008

Each student below will receive a \$200 prize / Chaque étudiant ci-dessous recevrait un prix de 200 \$

Province	Student	School	Location
Province	Étudiant	École	Endroit
NL	ANTHONY PAYNE	Pasadena Academy	Pasadena
NS	TSE AN CHEN	King's-Edgehill School	Windsor
NB	YOONGOO NAM	St. Malachy's H.S.	Saint John
PE	SAMUEL CHEN	Colonel Gray S.H.S.	Charlottetown
QC	ILIA POLOTSKII	College Jean de Brebeuf	Montreal
ON Nord	YUHAN CHEN	Sir Winston Churchill C.V.I.	Thunder Bay
ON Est	SIMON YIN	O'Neill C.V.I.	Oshawa
ON Metro	ZHIQIANG LIU	Don Mills C.I.	North York
ON Ouest	CHEN SUN	A.B. Lucas S.S.	London
ON Central	KULJOT ANAND	Turner Fenton S.S.	Brampton
MB	CLEMENT KWOKEN	St. John's-Ravenscourt School	Winnipeg
MB	GHAEUN LEE	Balmoral Hall School	Winnipeg
SK	XINDI HU	Bedford Road C.I.	Saskatoon
AB	NOBLE ZHAI	Western Canada H.S.	Calgary
BC	JUNGHOO KIM	University Hill S.S.	Vancouver
BC	JULIAN SUN	Sir Winston Churchill S.S.	Vancouver

Correct Answers Bonnes Rponses

#	Pascal	Cayley	Fermat
1	E	Е	D
2	A	В	A
3	В	C	С
4	C	D	${ m E}$
5	C	С	A
6	A	D	${ m E}$
7	D	A	В
8	A	С	D
9	E	A	D
10	D	С	A
11	A	В	D
12	В	E	A
13	A	В	В
14	D	A	В
15	E	A	В
16	C	В	С
17	В	A	A
18	В	С	A
19	D	D	${ m E}$
20	D	E	С
21	A	A	A
22	E	D	${ m E}$
23	D	E	С
24	D	E	В
25	$\mathbf{C}$	D	D

Pascal Contest Concours Pascal

Number of Contestants / Nombre de concurrents: 26478

Average mark / Note moyenne: 87.32

#### Percentage of contestants selecting each option / Pourcentage de concurrents par choix:

	Correct						% not	% correct
	Answer/						attempted/	of attempted
	Bonne						% sans	% tentatives
	Réponse						réponse	réussies
#		A	В	С	D	E		
1	E	2.05	0.50	0.85	1.16	94.82	0.56	95.41
2	A	89.61	3.61	4.11	0.85	0.18	1.58	91.10
3	В	8.90	87.79	0.82	1.18	0.57	0.67	88.44
4	С	0.70	8.27	86.40	2.05	1.26	1.25	87.56
5	С	1.85	1.90	77.68	14.73	2.53	1.25	78.71
6	A	86.04	2.81	0.95	3.93	3.64	2.56	88.36
7	D	2.21	1.20	3.27	91.07	0.82	1.36	92.39
8	A	92.61	0.87	2.44	1.06	1.63	1.32	93.92
9	E	15.24	5.61	5.19	3.35	65.13	5.42	68.91
10	D	13.02	12.74	3.20	53.64	5.47	11.86	60.91
11	A	50.22	10.40	4.15	21.16	11.26	2.74	51.67
12	В	5.44	66.84	4.95	3.27	7.00	12.44	76.39
13	A	59.44	1.84	14.53	19.38	2.48	2.27	60.86
14	D	3.12	1.72	3.63	74.73	6.28	10.45	83.52
15	E	8.87	3.61	3.21	5.61	65.44	13.20	75.44
16	С	18.08	10.19	29.76	4.69	2.85	34.36	45.39
17	В	36.32	37.27	3.63	2.87	1.80	18.05	45.51
18	В	3.77	58.71	16.89	10.63	2.94	7.00	63.17
19	D	5.90	4.67	19.79	39.34	7.58	22.66	50.91
20	D	5.45	7.29	7.18	53.94	3.49	22.60	69.73
21	A	21.91	6.76	6.76	7.78	12.42	44.29	39.39
22	$\mathbf{E}$	10.87	7.89	12.65	8.78	16.66	43.08	29.31
23	D	34.10	8.32	6.08	11.88	7.85	31.70	17.41
24	D	18.74	11.36	6.44	16.22	9.37	37.82	26.11
25	С	10.94	6.28	10.89	5.20	7.15	59.46	26.92

Cayley Contest Concours Cayley

Number of Contestants / Nombre de concurrents: 19991

Average mark / Note moyenne: 90.11

#### Percentage of contestants selecting each option / Pourcentage de concurrents par choix:

	Correct						% not	% correct
	Answer/						attempted/	of attempted
	Bonne						% sans	% tentatives
	Réponse						réponse	réussies
#		A	В	С	D	E		
1	E	0.26	0.11	0.14	0.21	99.15	0.10	99.28
2	В	2.17	93.98	1.48	0.65	0.22	1.46	95.41
3	С	0.88	8.09	89.13	0.80	0.82	0.25	89.38
4	D	1.48	0.78	2.21	94.12	0.58	0.79	94.91
5	С	1.02	1.44	91.93	3.27	0.94	1.36	93.24
6	D	0.22	3.95	0.44	94.35	0.50	0.51	94.86
7	A	73.65	6.05	5.87	2.66	7.36	4.35	77.05
8	С	3.84	4.05	76.92	6.54	1.84	6.77	82.54
9	A	50.87	7.26	15.94	5.90	9.98	10.01	56.55
10	С	3.06	0.98	92.26	1.82	0.67	1.18	93.39
11	В	3.96	80.82	4.56	2.19	1.18	7.25	87.18
12	E	1.74	1.36	1.41	2.26	86.35	6.85	92.73
13	В	5.85	70.22	5.13	2.97	13.07	2.73	72.21
14	A	67.49	2.56	4.06	10.76	1.53	13.55	78.11
15	A	59.12	15.83	3.73	2.29	3.76	15.23	69.77
16	В	11.75	37.09	3.93	8.61	15.15	23.43	48.46
17	A	28.67	5.23	4.92	6.91	16.82	37.40	45.84
18	С	1.35	3.04	72.58	8.03	2.17	12.80	83.26
19	D	30.35	8.79	2.78	26.65	7.25	24.13	35.15
20	E	8.45	6.69	4.17	5.54	22.98	52.12	48.05
21	A	23.13	12.00	7.68	8.82	5.32	43.00	40.61
22	D	5.82	11.64	10.44	13.98	28.71	29.37	19.80
23	E	5.37	21.20	13.83	6.52	6.31	46.74	11.85
24	E	9.04	10.72	9.11	13.39	9.89	47.80	18.96
25	D	4.81	3.94	10.38	11.19	4.56	65.07	32.08

Fermat Contest Concours Fermat

Number of Contestants / Nombre de concurrents: 16354

Average mark / Note moyenne: 86.40

#### Percentage of contestants selecting each option / Pourcentage de concurrents par choix:

	Correct						% not	% correct
	Answer/						attempted/	of attempted
	Bonne						% sans	% tentatives
	Réponse						réponse	réussies
#		A	В	С	D	E		
1	D	0.68	0.20	0.75	98.06	0.13	0.15	98.24
2	A	87.45	1.91	9.70	0.29	0.26	0.37	87.79
3	С	0.20	0.10	98.60	0.42	0.46	0.20	98.82
4	E	0.18	1.94	0.23	0.43	97.08	0.13	97.22
5	A	88.29	0.84	0.41	1.93	7.99	0.52	88.77
6	E	0.78	1.85	1.28	8.21	86.57	1.30	87.72
7	В	2.15	88.26	2.56	1.16	3.71	2.15	90.21
8	D	1.94	0.65	2.36	83.75	4.50	6.79	89.86
9	D	2.16	2.67	2.22	85.27	3.56	4.10	88.93
10	A	48.75	11.41	5.80	7.61	2.32	24.10	64.24
11	D	6.57	3.38	2.75	80.10	2.21	4.98	84.31
12	A	69.29	3.02	9.78	9.48	2.49	5.93	73.67
13	В	5.00	60.09	12.47	4.15	3.82	14.46	70.26
14	В	7.20	49.17	15.03	12.37	6.00	10.21	54.77
15	В	2.85	20.56	61.97	5.80	2.23	6.58	22.01
16	С	6.71	5.52	47.45	7.75	9.93	22.62	61.34
17	A	67.94	4.82	2.77	3.19	2.12	19.15	84.04
18	A	26.68	7.31	4.82	6.77	4.56	49.84	53.21
19	E	9.59	4.49	3.53	5.08	40.86	36.44	64.30
20	С	4.94	7.86	33.04	9.22	5.56	39.37	54.50
21	A	15.46	10.44	9.77	5.95	31.55	26.82	21.13
22	E	8.88	13.01	7.46	7.86	6.90	55.88	15.64
23	С	5.15	9.31	9.69	7.23	7.99	60.60	24.61
24	В	11.67	6.42	5.52	6.82	2.75	66.81	19.35
25	D	19.84	12.15	9.74	5.41	2.43	50.42	10.91

Score/ Note	Pascal Rank/	Cayley Rank/	Fermat Rank/		Score/ Note	Pascal Rank/	Cayley Rank/	Fermat Rank/
	Position	Position	Position	-		Position	Position	Position
150	1	1	1		99	7626	5609	3810
149					98	7960	5935	3993
148					97	8409	6389	4336
147					96	8805	6752	4563
146					95	9249	7220	4879
145	36	10			94	9632	7641	5151
144	38	11	6		93	10077	8107	5461
143					92	10489	8544	5768
142	102	34	10		91	10958	8969	6043
141					90	11358	9391	6362
140	174				89	11795	9758	6626
139	179	58			88	12265	10226	6996
138	189	59	25		87	12666	10633	7331
137	262	74			86	13076	11034	7636
136	276	81	36		85	13468	11408	7927
135		130			84	13847	11781	8212
134	368	132	60		83	14245	12154	8518
133	461	169			82	14667	12599	8891
132	476	172	82		81	15065	12955	9185
131	568	204	115		80	15482	13282	9503
130	605	213	118		79	15876	13581	9750
129	740	302	162		78	16260	13909	10044
128	773	308	165		77	16680	14254	10352
127	903	402	210		76	17072	14590	10705
126	935	406	214		75	17426	14870	10952
125	1130	499	302		74	17763	15143	11197
124	1187	517	310		73	18095	15378	11418
123	1370	621	387		72	18421	15646	11659
122	1435	652	396		71	18795	15885	11937
121	1657	792	482		70	19104	16096	12171
120	1734	813	499		69	19364	16287	12365
119	2040	1010	625		68	19628	16509	12546
118	2116	1047	643		67	19924	16676	12735
117	2373	1208	780		66	20228	16850	12938
116	2484	1255	796		65	20519	16991	13150
115	2739	1437	938		64	20762	17118	13295
114	2866	1494	971		63	20989	17245	13443
113	3213	1742	1153		62	21210	17360	13590
112	3368	1811	1206		61	21441	17477	13748
111	3714	2056	1424		60	21666	17599	13918
110	3872	2188	1487		59	21873	17681	14044
109	4227	2542	1720		58	22053	17771	14146
108	4440	2699	1802		57	22250	17835	14247
107	4841	3043	2052		56	22421	17920	14327
106	5055	3200	2155		55	22606	17987	14421
105	5456	3567	2464		54	22773	18049	14519
104	5677	3766	2568		53	22912	18095	14593
103	6103	4175	2854		52	23056	18147	14653
102	6424	4404	2997		51	23181	18185	14715
101	6857	4825	3321		50	23304	18219	14790
100	7172	5154	3512		49	23429	18256	14848

Score/ Note	Pascal Rank/	Cayley Rank/	Fermat Rank/
	Position	Position	Position
48	23540	18290	14897
47	23638	18324	14929
46	23747	18368	14975
45	23854	18387	15018
44	23941	18410	15051
43	24026	18425	15076
42	24110	18441	15114
41 40	24190 $24249$	18472 18480	15135 15160
$\frac{40}{39}$	24249	18493	15176
$\frac{39}{38}$	24307 $24353$	18507	15170
36 37	24393 $24397$	18517	15169 $15200$
36	24397	18531	15200 $15216$
35	24491	18543	15210 $15229$
34	24527	18544	15229 $15241$
33	24521 $24561$	18551	15241 $15250$
32	24501 $24597$	18551 $18559$	15250 $15257$
31	24628	18562	15267
30	24676	18565	15272
29	24702	18569	15281
28	24723	18572	15284
27	24737	18574	15290
26	24752	18575	15295
$\frac{-5}{25}$	24769	18582	15298
24	24782	18584	15305
23	24795		15306
22	24804	18586	15308
21	24813	18588	15309
20	24823		15311
19	24832	18591	
18	24840	18593	15312
17	24846		
16	24850	18594	15315
15	24852		
14			15316
13			
12			
11			15317
10	24855		15318
9			
8			
7	04056		
6	24856		
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N.B. These rankings per tain to official contestants only  $\slash$ 

N.B. Ces rangs se rapportent seulement aux concurrents officiels

Scores/ Notes	Pascal Ranks/ Positions	Cayley Ranks/ Positions	Fermat Ranks/ Positions
440 - 450	1 - 6	1	
430 - 439	7 - 15	2	1
420 - 429	16 - 26	3 - 7	2 - 3
410 - 419	27 - 61	8 - 21	4 - 7
400 - 409	62 - 91	22 - 36	8 - 17
390 - 399	92 - 126	37 - 57	18 - 30
380 - 389	127 - 175	58 - 85	31 - 47
370 - 379	176 - 220	86 - 119	48 - 72
360 - 369	221 - 299	120 - 166	73 - 112
350 - 359	300 - 368	167 - 219	113 - 162
340 - 349	369 - 460	220 - 302	163 - 224
330 - 339	461 - 566	303 - 363	225 - 299
320 - 329	567 - 664	364 - 459	300 - 360
310 - 319	665 - 739	460 - 575	361 - 446
300 - 309	740 - 809	576 - 687	447 - 531

#### Number of three student teams / Nombre d'équipes de trois élèves

Pascal Contest / Concours Pascal: 1105 Cayley Contest / Concours Cayley: 1022 Fermat Contest / Concours Fermat: 1017



2008 2008 Results Résultats

Pascal Contest Concours Pascal

(9<sup>e</sup> année – Sec. III) (Grade 9)

 $Cayley\ Contest$ Concours Cayley
(10e année – Sec. IV)

Fermat Contest Concours Fermat

> $(11^e \text{ ann\'ee} - \text{Sec. } V)$ (Grade 11)

# Pascal Contest Honour Rolls Palmarès pour le concours Pascal

# 2008 Pascal Contest/Concours Pascal Team List/Palmarès d'équipes

Rank/	School/	City/	Score/
Rang	École	Ville	Note
•			
1	University of Toronto Schools	Toronto	450
1	Zion Heights J. H. S.	North York	450
3	Northern S.S.	Toronto	444
3	West Vancouver S.S.	West Vancouver	444
3	Windfields J.H.S.	North York	444
6	Vincent Massey S.S.	Windsor	442
7	Sir Winston Churchill S.S.	Vancouver	438
7	St. Michael's Univ. School	Victoria	438
9	Fraser Heights S.S.	Surrey	436
9	Marc Garneau C.I.	North York	436
9	Vernon Barford School	Edmonton	436
12	Bell H.S.	Nepean	432
12	Moscrop Secondary School	Burnaby	432
14	The Woodlands S.	Mississauga	431
15	College Jean de Brebeuf	Montreal	430
16	Martingrove C.I.	Etobicoke	428
16	St. Francis Xavier Secondary S	Mississauga	428
18	Burnaby North S.S.	Burnaby	426
18	Dr. Norman Bethune C.I.	Scarborough	426
18	University Hill S.S.	Vancouver	426
18	Victoria Park C.I.	North York	426
18	William Lyon Mackenzie C.I.	North York	426
23	St. George's School	Vancouver	424
24	Queen Elizabeth H.S.	Calgary	422
25	Hugh McRoberts S.S.	Richmond	420
25	Prince of Wales S.S.	Vancouver	420
27	Glenforest S.S.	Mississauga	419
27	Riverbend J.H.S.	Edmonton	419
27	Westdale S.S.	Hamilton	419
30	Burnaby South S.S.	Burnaby	418
30	Henry Kelsey S.P.S.	Scarborough	418
30	Iroquois Ridge H.S.	Oakville	418
30	Richmond S.S.	Richmond	418
30	St. Andrews J.H.S.	North York	418
35	Gordon Graydon Memorial S.S.	Mississauga	417
36	Com. Hebrew Academy of Toronto	North York	416
36	John Ware J.H.S.	Calgary	416
38	Acadia J.H.S.	Winnipeg	414
38	Agincourt C.I.	Scarborough	414
38	Matthew McNair S.S.	Richmond	414
38	Parkview Elem-J.H.S.	Edmonton	414
38	Pleasant View J.H.S.	North York	414
43	Elgin Park S.S.	Surrey	413
43	Lisgar C.I.	Ottawa	413
45	Crestwood School	Edmonton	412
45	Sir John A. Macdonald S.S.	Waterloo	412
45	St. Michael's College School	York	412
45	Upper Can Col-Upper School	Toronto	412
45	Walter Murray C.I.	Saskatoon	412
45	Waterloo C.I.	Waterloo	412
51	Calgary Science School	Calgary	411
51	College Jean de la Mennais	La Prairie	411
51	College Jean Eudes	Montreal	411
51	Richmond Hill H.S.	Richmond Hill	411

# 2008 Pascal Contest/Concours Pascal Student Honour Roll/Liste d'honneur d'étudiants

Name/ Nom		School/ École	Location/ Endroit	Grade/ Niveau
Group I/Groupe I		Scores/Notes 150 - 146		
AN	SEUNGJIN	St. Andrew's College	Aurora	8
CONG	AMALIA	Windfields J.H.S.	North York	9
DEBRONI	SEAN	St. Michael's Univ. School	Victoria	9
DILLON	JACK	Athens D. H. S	Athens	8
DING	JASMINEMIN	William Lyon Mackenzie C.I.	North York	9
FOURNIER	BENOIT	College Jean de Brebeuf	Montreal	9
GAO	JIAY UE	Stratford Hall	Vancouver	9
HAN	ANDY	Gordon Graydon Memorial S.S.	Mississauga	9
HE	JIMMY	University of Toronto Schools	Toronto	9
HU	ALICE	West Vancouver S.S.	West Vancouver	9
JI	ALEX	Marc Garneau C.I.	North York	9
JIANG	HEINRICH	Vincent Massey S.S.	Windsor	9
KIM	ERIC	Windfields J.H.S.	North York	9
LAN	TIAN	Northern S.S.	Toronto	9
LIU	CHIEH MING	Fraser Heights S.S.	Surrey	9
LIU	LARRY	Point Grey Secondary School	Vancouver	9
LIU	RICHARD	University of Toronto Schools	Toronto	9
LOWRY	BRENT	Riverbend J.H.S.	Edmonton	9
NING	XIN	Zion Heights J. H. S.	North York	9
PAN	SUZIE	Hugh McRoberts S.S.	Richmond	9
PARKSU	SUNGHWAN	Fredericton H.S.	Fredericton	9
SUN	SUSAN	West Vancouver S.S.	West Vancouver	8
TUNG	SHELDON	University of Toronto Schools	Toronto	9
WANG	YAO	St. Michael's Univ. School	Victoria	9
WARREN	MATTHEW	The Woodlands S.	Mississauga	9
WU	AMY	Burnaby South S.S.	Burnaby	9
XIAO	PHILIP	Sir Winston Churchill S.S.	Vancouver	9
YANG	YUNG LIN	Northern S.S.	Toronto	9
YIN	FAN	Vincent Massey S.S.	Windsor	9
ZENG	JOE	Zion Heights J. H. S.	North York	9
ZHANG	CYRIL	Zion Heights J. H. S.	North York	9
ZHAO	MENG	Queen Elizabeth H.S.	Calgary	9
ZHONG	BRYAN	Victoria Park C.I.	North York	9
ZHOU	KAIVEN	Vernon Barford School	Edmonton	9
ZHOU	KEVIN	Olympiads School	North York	8
Group II/Groupe	II	Scores/Notes 145 - 143		
			Ga alaa baasa	0
ADAMS	SCOTT	Walter Murray C.I.	Saskatoon	9
ASOGAMOORTHY	AJANTHAN	Middlefield C.I.	Markham	9
BANG	JEFFREY	St. Joan of Arc C.S.S	Mississauga	9
BOKSER CHAU	RORY PETER	Royal West Academy Waterloo C.I.	Montreal-Ouest Waterloo	9 9
		West Vancouver S.S.		
CHOI	RAYMOND ANDREW	Elgin Park S.S.	West Vancouver	8 8
CHOI	HELENA	Iroquois Ridge H.S.	Surrey Oakville	9
CHU DAOUD	KEVIN KRISTINA	Moscrop Secondary School Vincent Massey Collegiate	Burnaby Montreal	9 9
DENG	JOE	Byrne Creek S.S.	Burnaby	9
DEVOIE	ELISE	St. Ignatius H.S.	Thunder Bay	9
FAN	KEVIN	Moscrop Secondary School	Burnaby	9
FEHR	LUKAS	Greystone Heights	Saskatoon	8
FUNG	ERNEST	Burnaby Mountain S.S.	Burnaby	9
CAO	CODITE	College Toon Ender	Montrool	9

College Jean Eudes

Montreal

9

GAO

SOPHIE

#### Pascal Contest/Concours Pascal Student Honour Roll/Liste d'honneur d'étudiants

Group II/Groupe I	I	Scores/Notes 145 - 143		
GILHULY	SEAN	St. David C.S.S.	Waterloo	9
GUAN	ZOE	Lower Canada College	Montreal	9
GUO	ROBERT	University of Toronto Schools	Toronto	9
GYENES	BALAZS	Vernon Barford School	Edmonton	9
HAM	SALLY	Pacific Academy	Surrey	9
HAN	DAVID	St. George's School	Vancouver	9
HE	TIM	John Ware J.H.S.	Calgary	9
HU	HELEN	Cameron Heights C.I.	Kitchener	9
HUANG	FAN	Bell H.S.	Nepean	9
HYEONG	YEEUN	Midland S.S.	Midland	9
JACOB JOHN	VARUN	St. Robert C.H.S.	Thornhill	9
KIM	KEVIN	University of Toronto Schools	Toronto	9
KUO	JOSHUA	R.E. Mountain S.S.	Langley	8
LAKHANI	REHMAN	University of Toronto Schools	Toronto	9
LAM	VICTOR	Marc Garneau C.I.	North York	9
LEE	RYAN	University of Toronto Schools	Toronto	8
		-		
LI	HANS	Henry Kelsey S.P.S.	Scarborough	8
LIN	HANA	Fraser Heights S.S.	Surrey	9
LUO	CHARLES	Windfields J.H.S.	North York North York	9
LUSTIG	BRANDON	Com. Hebrew Academy of Toronto		9
MACMILLAN	JOHN	Miramichi Valley H. S.	Miramichi	9
MANLEY	JASON	Bernice MacNaughton H. S.	Moncton	9
MAO	MICHAEL	Pleasant View J.H.S.	North York	9
MITHA	RAHIM	University of Toronto Schools	Toronto	9
NESTICO	ANDREW	St. Michael's College School	York	9
RADENOVIC	MILAN	Martingrove C.I.	Etobicoke	9
SENDEL	JAMES	Aurora High School	Aurora	9
SPINK	HUNTER	Calgary Science School	Calgary	9
SRINIVASAN	SURAJ	Acadia J.H.S.	Winnipeg	9
TAN	NING	T.A. Blakelock H.S.	Oakville	9
TIAN	JIM	University of Toronto Schools	Toronto	8
VINCENT	PIERRE OLI	College Jean de la Mennais	La Prairie	9
WANG	CATHERINE	Moscrop Secondary School	Burnaby	9
WANG	DEVIN	Matthew McNair S.S.	Richmond	9
WANG	PEGGY	Northern S.S.	Toronto	9
WANG	TIAN JIAN	Burnaby North S.S.	Burnaby	9
WARD	CARISSA	Bell H.S.	Nepean	9
WHITTAKER LEE	KRISS	University of Toronto Schools	Toronto	9
WON	SIMON	Burnaby North S.S.	Burnaby	9
WU	NEIL	Henry Kelsey S.P.S.	Scarborough	8
WU	YU	Agincourt C.I.	Scarborough	9
YECHAR	RICHARD	Bell H.S.	Nepean	9
YELEKAR	ASHISH	Pickering H.S.	Ajax	9
YOON	ANNA	Glebe Collegiate Institute	Ottawa	9
YOUNAN	SIMON	St. Francis Xavier Secondary S	Mississauga	9
YU	KEVIN	Zion Heights J. H. S.	North York	9
YUAN	DIRK	Sir Winston Churchill S.S.	Vancouver	9
ZHAN	ERIC	University of Toronto Schools	Toronto	8
ZHAO	ERIC	Sir Winston Churchill S.S.	Vancouver	9
ZHAO	T IANLE	Lorne Park S.S.	Mississauga	9
0	111	0		
Group III/Groupe	III	Scores/Notes 142 - 141		

Windfields J.H.S.

Olympiads School

University of Toronto Schools Toronto

North York

North York

8

BAEK

CAO

BEDFORD

STEVE

RUNZE

BRANDON

#### Pascal Contest/Concours Pascal Student Honour Roll/Liste d'honneur d'étudiants

# Group III/Groupe III

#### Scores/Notes 142 - 141

Gloup III/Gloup	E III	300163/N0163 142 - 141		
CHAN	CALVIN	Woburn Collegiate Institute	Scarborough	9
CHAN	DESMOND	Markham D.H.S.	Markham	9
CHAN	HEMAN	Richmond Christian S.S.	Richmond	9
CHAU	BRIAN	Prince of Wales S.S.	Vancouver	9
CHENG	DAVID	Dr. Norman Bethune C.I.	Scarborough	9
CHOI	WONJOHN	St. Francis Xavier Secondary S	Mississauga	9
CHONG	DANIEL	Fraser Heights S.S.	Surrey	9
CUI	DAVID	Sir Winston Churchill S.S.	Vancouver	9
DANCHEN	CHEN	Dr. Norman Bethune C.I.	Scarborough	9
DOGRA	CHAITANYA	Iroquois Ridge H.S.	Oakville	9
EISENSTAT	SAM	Acad. for Gifted Children-PACE	Richmond Hill	9
ELZINGA	JASON	Eden High School	St Catharines	9
ESPIRITU	SHAUNDREI	Dryden H.S.	Dryden	9
FIORANTE	LUKE	St. George's School	Vancouver	9
FONG	AARON	University of Toronto Schools	Toronto	9
GREIG	IAN	Martingrove C.I.	Etobicoke	9
GRIFFIN	ELIZABETH	Sir Winston Churchill S.S.	Vancouver	9
GU	FAN DI	Prince of Wales S.S.	Vancouver	9
GUAN	MELODY	University of Toronto Schools	Toronto	8
GUO	LINCOLN	University of Toronto Schools	Toronto	8
GUTHRIE	CALEB	Upper Can Col-Upper School	Toronto	8
GWYNNE	RYAN	Vernon Barford School	Edmonton	9
HAN	DAVID	Crescent School	North York	9
HU	SHANEE	Marc Garneau C.I.	North York	9
HUANG	ZHAO	College Jean de Brebeuf	Montreal	9
JIANG	JACK	Westdale S.S.	Hamilton	9
KIM	HYUNGKI	University Hill S.S.	Vancouver	9
KIM	JINY	Mulgrave School	West Vancouver	9
KIM	YOUN SOO	St. Andrews J.H.S.	North York	9
LEE	ELLEN	St. Francis Xavier Secondary S	Mississauga	9
LEE	HANHYUNG	Vernon Barford School	Edmonton	8
LEE	JEONGSU	Silverthorn C.I.	Etobicoke	9
LEE	TIMOTHY	Walnut Grove S.S.	Langley	8
LEE	YOSEP	Semiahmoo S.S.	Surrey	9
LI	HELEN	Stephen Leacock C.I.	Scarborough	9
LI	PETER	Richmond S.S.	Richmond	9
LIN	TONY	Dr. Norman Bethune C.I.	Scarborough	9
LIU	JACKIE	Sir Winston Churchill S.S.	Vancouver	8
LIU	JENNIFER	Moscrop Secondary School	Burnaby	9
LIU	VICTOR	Dr. Norman Bethune C.I.	Scarborough	9
LIU JIADA	DANIEL	University Hill S.S.	Vancouver	9
LONGSTAFF	JORDAN	Sir John A. Macdonald S.S.	Waterloo	9
LU	YAO	University Hill S.S.	Vancouver	9
MENG	ALLAN	Zion Heights J. H. S.	North York	8
MIHAILOVIC	LUKA	Martingrove C.I.	Etobicoke	9
MINAEV	VASSILY	Hardisty J.H.S.	Edmonton	9
NGUYEN BRICS	TALIS	Heart Lake S.S.	Brampton	9
PARK	SOOHYUN	University of Toronto Schools	Toronto	9
QI	ANDREW	Vernon Barford School	Edmonton	9
~ RAMKUMAR	RITVIK	Glenforest S.S.	Mississauga	9
RIDGE	FRASER	Handsworth S.S.	North Vancouver	9
ROBARTS	ADAM	University of Toronto Schools	Toronto	9
SHEN	CHARLIE	Pinetree S.S.	Coquitlam	9
THAM	JOEL	The Woodlands S.	Mississauga	9
TREVISONNO	JORDAN	West Island College	Dollard-Des-Ormeaux	9
WANG	CLINTON	University of Toronto Schools	Toronto	9
WANG	COCO	University of Toronto Schools	Toronto	8
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# 2008 Pascal Contest/Concours Pascal Student Honour Roll/Liste d'honneur d'étudiants

Group	p III/	Grou	pe III

## Scores/Notes 142 - 141

WANG	FRANK	Olympiads School	North York	9
WANG	HARRY	Zion Heights J. H. S.	North York	9
WANG	YICHUAN	Olympiads School	North York	8
WONG	ANDREW	Parkview Elem-J.H.S.	Edmonton	9
WU	ADRIAN	University of Toronto Schools	Toronto	9
WU	MICHAEL	Don Mills C.I.	North York	9
WU	ODEN	St. Andrews J.H.S.	North York	9
YEP	JONATHAN	Albert Campbell C.I.	Scarborough	9
YOO	YOUNGHO	Windfields J.H.S.	North York	9
ZHENG	ZIYU TIGER	Vincent Massey S.S.	Windsor	9
ZHU	ANANDA	John Fraser S.S.	Mississauga	9
ZHU	QIHUI	Centennial Reg. H.S.	Greenfield Park	9

# Group IV/Groupe IV

## Scores/Notes 140 - 138

ADAM	ALISHA	Crofton House School	Vancouver	9
ARI	PRANATHI	Humberview S.S.	Bolton	9
CALDER	JULI A	St. Margaret's School	Victoria	9
CHANG	JASON	Fraser Heights S.S.	Surrey	9
CHEN	KAREN	Westdale S.S.	Hamilton	9
CHEN	XIN YI	College Jean Eudes	Montreal	9
CHENG	ISAAC	Sir Winston Churchill S.S.	Vancouver	9
CHIEN	JESSICA	Bayview Secondary School	Richmond Hill	9
CHIH	CIND Y	Burnaby North S.S.	Burnaby	8
CHOI	JUNHO	Riverbend J.H.S.	Edmonton	9
CHOI	YOONYOUNG	Bishop Strachan School	Toronto	9
CHU	KAREN	St. Clement's School	Toronto	9
CHUNG	MIKE	Richmond S.S.	Richmond	9
DEE	CHRISTOPHE	St. George's School	Vancouver	9
DIENG	JIMMY	Northview Heights S.S.	North York	9
DONG	ANQI	Greystone Heights	Saskatoon	8
DOU	ZHENG	Moira S.S.	Belleville	9
FAN	CATHERINE	Vernon Barford School	Edmonton	9
FONG	NATALIA	Abbey Park H.S.	Oakville	9
FRADET	MATHIEU	Seminaire de Sherbrooke	Sherbrooke	9
FRIEDMAN	REBECCA	Com. Hebrew Academy of Toronto	North York	9
HAMILL	JULIA	Crestwood School	Edmonton	8
HAN	JOHNNY	Sir Winston Churchill S.S.	Vancouver	9
HO	MAYHAY	Parkview Elem-J.H.S.	Edmonton	9
HSIEN	PAULA	Burnaby North S.S.	Burnaby	9
HU	MICHELLE	Sir Winston Churchill S.S.	Vancouver	9
JASON	THAI	Northern S.S.	Toronto	9
KARCH	PAYTON	John Ware J.H.S.	Calgary	9
KIM	LYLE	Fieldstone Day School	North York	9
KIMID	DAVID	Orillia D.C.&V.I.	Orillia	9
KLUGSBERG	JACOB	Tanenbaum CHAT	Maple	9
KONG	KEVIN	Dr. Norman Bethune C.I.	Scarborough	9
KOSALKA	ROBERT	De La Salle College Oaklands	Toronto	9
LEE	JOONSEO	Clayton Heights	Surrey	9
LEE	MONICA	St. Michael's Univ. School	Victoria	9
LEE	WAN YI	Elgin Park S.S.	Surrey	9
LEITH	IAN	University of Toronto Schools	Toronto	9
LEUNG	IAN	St. Francis Xavier Secondary S	Mississauga	9
LI	RONSON	Crestwood School	Edmonton	9
LIN	ISAAC	Queen Elizabeth H.S.	Calgary	9
LIU	LINQIAO	Killarney S.S.	Vancouver	9

## Pascal Contest/Concours Pascal Student Honour Roll/Liste d'honneur d'étudiants

Group IV/Groupe	IV	Scores/Notes 140 - 138		
LIU	SI QI	John L. Forster S.S.	Windsor	9
LU	STEPHEN	William Lyon Mackenzie C.I.	North York	9
LU	WEISI	Victoria Park C.I.	North York	9
LUO	HILARY	Jeanne Sauve Fre. Immer. P.S.	London	8
MA	YIKE	Vernon Barford School	Edmonton	9
MARCHIONE	MATHEW	St. Thomas H.S.	Pointe-Claire	9
MULLA	DAANISH	St. Francis Xavier Secondary S	Mississauga	9
_	JOSEF	Matthew McNair S.S.	Richmond	9
MURILLO		St. Rose J.H.S.	Edmonton	9
MUSKENS	ANDERS	Mennonite Brethren C.I.		9
NEWSOM	SCOTT		Winnipeg	
OLDEN COOLIGAN	BENJAMIN	Northern S.S.	Toronto	9
OLNEY	JANE	Preston H.S.	Cambridge	9
PETROUNOV	KRISS	Marc Garneau C.I.	North York	9
POON	NICOLE	York House School	Vancouver	9
SANDHA	JASKIRAN	Tempo School	Edmonton	9
SHANG	VICTOR	St. Michael's Univ. School	Victoria	8
SHERMAN	STEVEN	Thornhill S.S.	Thornhill	9
SHI	ANNIE	Glenforest S.S.	Mississauga	9
SMITH	STEPHANIE	Zion Heights J. H. S.	North York	9
SON	JEFFREY	Dr. Charles Best S. S.	Coquitlam	9
TO	SAMUEL	Glenforest S.S.	Mississauga	9
TS ANG	PHILLIP	Lisgar C.I.	Ottawa	9
VANTOL	RYAN	Langley Christian H.S.	Langley	9
VASANTHAKUMAR	THAMIYA	Victoria Park C.I.	North York	9
VON KROSIGK	NIKLAS	Rockridge S.S.	West Vancouver	9
WANG	CAROLYNE	William Lyon Mackenzie C.I.	North York	9
WANG	NANCY	Kitsilano S.S. (English)	Vancouver	9
WANG	TUBIN	Avalon J.H.S.	Edmonton	9
WEI	MIAN	The Woodlands S.	Mississauga	9
WEI	TONY	A.R. MacNeill S.S.	Richmond	9
WHYTE	JONATHAN	Martingrove C.I.	Etobicoke	9
WU	AARON	Northern S.S.	Toronto	9
WU	DEAN	Lisgar C.I.	Ottawa	9
WU	EMMA	Richmond S.S.	Richmond	9
WU	TENGZI	Earl Haig S.S.	North York	9
WU	TERRY	St. George's School	Vancouver	9
XIA	ANNE	Windermere S.S.	Vancouver	9
YAN	ELLEN	The Woodlands S.	Mississauga	9
YANG	JIAYU	Weston C. I.	Toronto	9
YANG	LUKE	Colonel By S. S.	Gloucester	9
YIN	XI YUAN	College Jean de Brebeuf	Montreal	9
YOUNG	CHRIS	North Toronto C.I.	Toronto	9
YU	XIAOHE	College Jesus Marie de Sillery	Quebec	9
YUAN	JESSICA	Richmond Hill H.S.	Richmond Hill	9
YUTING	HE	Fraser Heights S.S.	Surrey	9
ZHAO	STEPHEN	Westdale S.S.	Hamilton	9
ZUO	LILLIAN	Vernon Barford School	Edmonton	8
		-		
Croup \//Croupo	V	Secretal Motor 127 125		
Group V/Groupe	V	Scores/Notes 137 - 135		
BEAUDIN	MARIE	College St. Charles-Garnier	Quebec	9
BRANNEN	MICHAEL	Earl of March S.S.	Kanata	9
BURSHTEIN	RON	Richmond Hill H.S.	Richmond Hill	9
CAMPBELL	RUTGER	Lisgar C.I.	Ottawa	9
CHANG	KIMBERLEY	Gleneagle S.S.	Coquitlam	9
CHANG	UNICE	Colonel By S. S.	Gloucester	9

## Pascal Contest/Concours Pascal Student Honour Roll/Liste d'honneur d'étudiants

Bell H.S.

# Group V/Groupe V

JENNIFER

#### Scores/Notes 137 - 135

Nepean

CHE	JENNIFER	Bell H.S.	Nepean	9
CHEN	CINDY	Hugh McRoberts S.S.	Richmond	9
CHEN	JERRY	St. George's School	Vancouver	9
CHEN	JINGJING	Walter Murray C.I.	Saskatoon	9
CHEN	YANNI	Zion Heights J. H. S.	North York	9
CHESTATCHENKO	EVGUENI	Lawrence Park C. I.	Toronto	9
CHEUNG	JASON	University of Toronto Schools	Toronto	8
CHIAVATTI	CHRIS	Burnaby North S.S.	Burnaby	8
CSORBA	BENNETT	McKernan J.H.S.	Edmonton	9
CUI	JIM	The Woodlands S.	Mississauga	9
DAI	ERIC	University of Toronto Schools	Toronto	9
DAVIDSON	ERIC	Martingrove C.I.	Etobicoke	9
DAVIDSON	IAN	Dr. G.W. Williams S.S	Aurora	9
DENG	NICHOLAS	Upper Can Col-Upper School	Toronto	8
DEVINE	ZACHARY	La Citadelle Academy	North York	9
DING	GERALD	North Toronto C.I.	Toronto	9
FUNG	CLEMENT	Thornhill S.S.	Thornhill	9
GRINDAL	ALEXANDER	University of Toronto Schools	Toronto	9
GUETTER	ERIC	Woodland Christian H.S.	Breslau	9
HAN	FRANCIS	Balmoral J.S.S.	North Vancouver	9
HAN	MAYTHE	Windfields J.H.S.	North York	9
HONG		Marc Garneau C.I.	North York	9
	CINDY			9
HSU	GRACE	York House School	Vancouver Lasalle	-
HUA	GORDON	College St. Louis		9
HUANG	PETER	Gordon Graydon Memorial S.S.	Mississauga	9
HUANG	WINNIE	Markville S.S.	Markham	9
HUANG	ZI JUE	College St. Louis	Lasalle	9
JEAN BRESSANI	ANTOINE	College Jean de Brebeuf	Montreal	9
JEON	JUSTIN	Glenforest S.S.	Mississauga	9
JI	ISABEL	Victoria Park C.I.	North York	9
JIA	KEVIN	University of Toronto Schools	Toronto	8
JO	DAVID	William Lyon Mackenzie C.I.	North York	9
JOLY		Loyola H.S.	Montreal	9
0001	XAVIER	_		
J000	XAVIER HARRY	Pinetree S.S.	Coquitlam	9
		Pinetree S.S. Olympiads School		9 9
J000	HARRY		Coquitlam	-
J000	HARRY TONY	Olympiads School	Coquitlam North York	9
J000 JU JUNG	HARRY TONY MICHAEL	Olympiads School Burnaby North S.S.	Coquitlam North York Burnaby	9
J000 JU JUNG JURASCHKA	HARRY TONY MICHAEL KELSEY	Olympiads School Burnaby North S.S. Waterdown D.H.S.	Coquitlam North York Burnaby Waterdown	9 8 8
J000 JU JUNG JURASCHKA JUST	HARRY TONY MICHAEL KELSEY STEPHEN	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S.	Coquitlam North York Burnaby Waterdown Edmonton	9 8 8 9
JOOO JU JUNG JURASCHKA JUST KATHERINE	HARRY TONY MICHAEL KELSEY STEPHEN SILINS	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute	Coquitlam North York Burnaby Waterdown Edmonton Ottawa	9 8 8 9 9
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver	9 8 8 9 9
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey	9 8 8 9 9 9
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIMM	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby	9 8 8 9 9 9
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIMM LAI	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto	9 8 8 9 9 9 9
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIMM LAI LAU	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York	9 8 8 9 9 9 9
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIM LAI LAU LEE	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga	9 8 8 9 9 9 9 9 9
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIML LAI LAU LEE LEE	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver	9 8 8 9 9 9 9 9 9 9
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIML LAI LAU LEE LEE LEUNG	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU ANDRE	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy Thornhill S.S.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver Thornhill	9 8 8 9 9 9 9 9 9 9 9 9
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIM LAI LAU LEE LEE LEUNG LEUNG	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU ANDRE KEITH	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy Thornhill S.S. Eric Hamber S.S.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver Thornhill Vancouver	9889999998
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIM LAI LAU LEE LEE LEUNG LEUNG LI	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU ANDRE KEITH ANGELA	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy Thornhill S.S. Eric Hamber S.S. Maple Grove Elementary	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver Thornhill Vancouver Vancouver	988999999988
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIM LAI LAU LEE LEUNG LEUNG LI LI	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU ANDRE KEITH ANGELA SHERMAINE	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy Thornhill S.S. Eric Hamber S.S. Maple Grove Elementary Marc Garneau C.I.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver Thornhill Vancouver Vancouver North York	988999999889
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIM LAI LAU LEE LEE LEUNG LEUNG LI LI	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU ANDRE KEITH ANGELA SHERMAINE YUCHEN	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy Thornhill S.S. Eric Hamber S.S. Maple Grove Elementary Marc Garneau C.I. Pleasant View J.H.S.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver Thornhill Vancouver Vancouver North York North York	988999988999
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIM LAI LAU LEE LEE LEUNG LEUNG LI LI LI LIAO LII	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU ANDRE KEITH ANGELA SHERMAINE YUCHEN TONY INA	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy Thornhill S.S. Eric Hamber S.S. Maple Grove Elementary Marc Garneau C.I. Pleasant View J.H.S. Earl Haig S.S. Lisgar C.I.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver Thornhill Vancouver Vancouver North York North York North York North York Ottawa	988999988999
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIM LAI LAU LEE LEE LEUNG LEUNG LI LI LI LIAO LIU	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU ANDRE KEITH ANGELA SHERMAINE YUCHEN TONY INA JOSEPH	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy Thornhill S.S. Eric Hamber S.S. Maple Grove Elementary Marc Garneau C.I. Pleasant View J.H.S. Earl Haig S.S. Lisgar C.I. Richmond Hill H.S.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver Thornhill Vancouver Vancouver North York North York North York North York Ottawa Richmond Hill	988999989999999
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIM LAI LAU LEE LEE LEUNG LEUNG LI LI LI LIAO LIU LIU LOBO	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU ANDRE KEITH ANGELA SHERMAINE YUCHEN TONY INA JOSEPH AKSHAY	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy Thornhill S.S. Eric Hamber S.S. Maple Grove Elementary Marc Garneau C.I. Pleasant View J.H.S. Earl Haig S.S. Lisgar C.I. Richmond Hill H.S. Father Bressani C.H.S.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver Thornhill Vancouver Vancouver North York North York North York Ottawa Richmond Hill Woodbridge	98899998999999999
JOOO JU JUNG JURASCHKA JUST KATHERINE KIM KIM KIM LAI LAU LEE LEE LEUNG LEUNG LI LI LI LIAO LIU	HARRY TONY MICHAEL KELSEY STEPHEN SILINS ANDY JOONSU KONJOON JOHN BENJAMIN JIHAENG JISU ANDRE KEITH ANGELA SHERMAINE YUCHEN TONY INA JOSEPH	Olympiads School Burnaby North S.S. Waterdown D.H.S. St. Rose J.H.S. Glebe Collegiate Institute Killarney S.S. Fraser Valley Christian H.S. Burnaby North S.S. University of Toronto Schools Peoples Christian Academy St. Francis Xavier Secondary S West Point Grey Academy Thornhill S.S. Eric Hamber S.S. Maple Grove Elementary Marc Garneau C.I. Pleasant View J.H.S. Earl Haig S.S. Lisgar C.I. Richmond Hill H.S.	Coquitlam North York Burnaby Waterdown Edmonton Ottawa Vancouver Surrey Burnaby Toronto North York Mississauga Vancouver Thornhill Vancouver Vancouver North York North York North York North York Ottawa Richmond Hill	988999989999999

## Pascal Contest/Concours Pascal Student Honour Roll/Liste d'honneur d'étudiants

# Group V/Groupe V

# Scores/Notes 137 - 135

Group V/Groupe V Scores/Notes 137 - 133				
MA	GEORGE	St. George's School	Vancouver	9
MA	MARK	Johnston Heights J.S.S.	Surrey	9
MACDONALD	SCOTT	Crescent School	North York	9
PARK	TOM	Richmond S.S.	Richmond	9
PERELGUT	ALEXANDER	Etobicoke Sch. of the Arts	Etobicoke	9
PHGA	KEITH	Vernon Barford School	Edmonton	9
PLAOUDE	TANYA	Earl of March S.S.	Kanata	9
SALORANTA	TRISTAN	Kelvin High School	Winnipeg	9
SCHULTZE	MITCHELL	Crestwood School	Edmonton	9
SEO	ANDY	Prince of Wales S.S.	Vancouver	9
SETH	CAMERON	Centre Wellington D.H.S.	Fergus	9
SHI	STEVEN	Markville S.S.	Markham	9
SHIN	HEEJOON	Oakridge S.S.	London	9
SO	THOMAS	Steveston London S.S.	Richmond	9
SOLYOM	ADRIAN	Sir Winston Churchill S.S.	St Catharines	9
SPROULE	MICHAEL	Marc Garneau C.I.	North York	9
STEFFLER	BEN	Windfields J.H.S.	North York	9
TENHAGE	SHANE	Guido de Bres High School	Hamilton	9
TO	SAMUEL	Burnaby North S.S.	Burnaby	9
TZITRIN	ILAN	Thornhill S.S.	Thornhill	9
WAN	CHARLINE	University of Toronto Schools	Toronto	8
WANG	BENJAMIN	Port Moody S.S.S.	Port Moody	9
WANG	во	The Woodlands S.	Mississauga	9
WOO	JAY YOUNG	Math Challenge at Western	London	8
WU	DAVIS	St. Theresa of Lisieux C.H.S.	Richmond Hill	9
WU	KENNETH	University of Toronto Schools	Toronto	9
WU	RUIWEN	University of Toronto Schools	Toronto	9
XIA	STEVEN	Victoria Park C.I.	North York	9
XIANG	NICK	Dr. Norman Bethune C.I.	Scarborough	9
XU	ANGELA	Sir John A. Macdonald C.I.	Scarborough	9
YANG	LINDA	Sir Winston Churchill S.S.	Vancouver	9
YIN	DAVID	Pickering H.S.	Ajax	9
YOON	JAMES	Unionville H.S.	Markham	9
YOON	WILLIAM	Zion Heights J. H. S.	North York	9
YU	CHRISTINE	Burnaby Central S.S.	Burnaby	9
ZENG	CHENG	The Woodlands S.	Mississauga	9
ZHANG	ALLAN	University of Toronto Schools	Toronto	8
ZHANG	ERIC	John Fraser S.S.	Mississauga	9
ZHANG	EVELYN	Sir John A. Macdonald S.S.	Waterloo	9
ZHANG	JOHNNY	Seaquam S.S.	Delta	9
ZHANG	YIPEI	Agincourt C.I.	Scarborough	9
ZHAO	ANNA	Richmond S.S.	Richmond	9
ZHOU	CONGYUN	Sentinel S.S.	West Vancouver	9