



2010
Results

2010
Résultats

Pascal Contest
(Grade 9)

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

Cayley Contest
(Grade 10)

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

Fermat Contest
(Grade 11)

Concours Fermat
(11^e année – Sec. V)



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
Ersal Cahit
Karen Cole
Jennifer Couture
Serge D'Alessio
Frank DeMaio
Fiona Dunbar
Mike Eden
Barry Ferguson
Judy Fox
Steve Furino
Sandy Graham
Angie Hildebrand
Judith Koeller
Joanne Kursikowski
Angie Murphy
Dean Murray
Jen Nissen
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), Dashwood, ON
Lloyd Auckland, St. Thomas, ON
Janet Christ, Walter Murray C.I., Saskatoon, SK
J.P. 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
Aaron Warner, St. Mildred's-Lightbourn School, Oakville, ON

Cayley Contest / Concours Cayley

Jeff Anderson (Chair / président), Forest Heights C.I., Kitchener, ON
Tom Barker, Stratford, ON
Barry Ferguson, University of Waterloo, Waterloo, ON
Steve Furino, University of Waterloo, Waterloo, ON
Shawn Godin, Cairine Wilson S.S., Orleans, ON
Christopher Ing, Vincent Massey S.S., Windsor, ON
Jen Nissen, University of Waterloo, Waterloo, ON
Paul Ottaway, University of British Columbia, Vancouver, BC

Fermat Contest / Concours Fermat

Paul Fennell (Chair / président), London, ON
Fiona Dunbar, University of Waterloo, Waterloo, ON
Steve Lau, John Diefenbaker S.S., Hanover, ON
Cliff Lelievre, Oakville, ON
Dean Murray, University of Waterloo, Waterloo, ON
Alexandru Pintilie, Crescent School, Toronto, ON
Dan Schnabel, Vaughan S.S., Thornhill, ON
David Shepherd, Ravenna, ON

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 2010 marks the 48th 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 91.4, 87.7 and 89.5 across the three Contests. The number of students with perfect papers on the three Contests were 3, 16 and 3. We are very pleased with these results.

Again this year, individual school results were available online in "real time" as we scanned and marked forms. As a result, we were able to have some students' scores available within two days of the Contests. We hope that it is helpful to you to get such quick feedback.

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 2010 marque la 48e 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 91,4, 87,7 et 89,5 à travers les trois Concours. Le nombre d'étudiants possédant un concours parfait était de 3, 16 et 3. Nous sommes satisfait de ces résultats.

Encore une fois cette année, les résultats d'école étaient disponible en ligne au fur et à mesure que nous avons balayé et corrigé les formulaires de réponses. Par conséquent, nous avons les résultats pour beaucoup des étudiants disponibles deux jours après les Concours. Nous espérons qu'il vous est utile de recevoir des résultats aussi rapidement.

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	51	50	51
NS	32	28	27
NB	31	31	31
PE	3	4	3
QC	94	93	93
ON	661	647	644
MB	47	46	46
SK	31	33	31
AB	75	40	41
BC	188	183	187
NU	0	0	1
International	77	85	75
Total	1290	1240	1221

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

	Pascal	Cayley	Fermat
NL	920	725	728
NS	853	568	555
NB	705	606	512
PE	63	93	66
QC	2937	2581	2519
ON	14204	12408	10263
MB	1380	938	805
SK	663	576	391
AB	2337	926	738
BC	5016	4358	3765
NU	0	0	1
International	3057	2732	2103
Total	32135	26511	22446

Total number of students enrolled / Nombre d'inscriptions individuelles: 81092

**2010 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2010**

PASCAL CONTEST / CONCOURS PASCAL

STUDENTS / ÉLÈVES

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

Gold Medals	School	Location	Grade
Médailles d'or	École	Endroit	Niveau
DANIEL SPIVAK	Bayview S.S.	Richmond Hill	9
JENNIFER XIE	Crofton House School	Vancouver	9
WOOSUNG YANG	Semiahmoo S.S.	Surrey	8
HENRY ZHANG	Glenforest S.S.	Mississauga	9
HONG RU ZHAO	Glenforest S.S.	Mississauga	9

TEAMS / ÉQUIPES

	School	Location	Score
	École	Endroit	Note
Champion / Première	Glenforest S.S.	Mississauga	437
Second / Deuxième	Bayview S.S.	Richmond Hill	434
Third / Troisième	North Toronto C.I.	Toronto	426
Fourth / Quatrième	Victoria Park C.I.	North York	422
Fifth / Cinquième	Northern S.S.	Toronto	421
	Semiahmoo S.S.	Surrey	421

**2010 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2010**

CAYLEY CONTEST / CONCOURS CAYLEY

STUDENTS / ÉLÈVES

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

Gold Medals	School	Location	Grade
Médailles d'or	École	Endroit	Niveau
MATTHEW BRENNAN	Upper Canada College	Toronto	10
JINGWEN CHENG	Innisdale S.S.	Barrie	10
RAYMOND CHO	West Vancouver S.S.	West Vancouver	10
ANQI DONG	Walter Murray C.I.	Saskatoon	10
TONY FENG	Seaquam S.S.	Delta	10
HO YI FUNG	Glenforest S.S.	Mississauga	10
DONG WON KANG	North Toronto C.I.	Toronto	9
JAE WON KIM	Southridge School	Surrey	10
SEUNG WON LEE	Southridge School	Surrey	10
ANDY LI	West Vancouver S.S.	West Vancouver	10
SALLY LI	Marc Garneau C.I.	North York	10
GEOFFRY SONG	Lisgar C.I.	Ottawa	10
JAY YOUNG WOO	London Central S.S.	London	10
LESLIE YING	University of Toronto Schools	Toronto	9
JASON YOO	Upper Canada College	Toronto	10
TOMMY ZHANG	Richmond S.S.	Richmond	10

TEAMS / ÉQUIPES

	School	Location	Score
	École	Endroit	Note
Champion / Première	West Vancouver S.S.	West Vancouver	444
Second / Deuxième	Southridge School	Surrey	442
Third / Troisième	Glenforest S.S.	Mississauga	434
	University of Toronto Schools	Toronto	434
Fifth / Cinquième	Upper Canada College	Toronto	432

**2010 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2010**

FERMAT CONTEST / CONCOURS FERMAT

STUDENTS / ÉLÈVES

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

Gold Medals	School	Location	Grade
Médailles d'or	École	Endroit	Niveau
RUTGER CAMPBELL	Lisgar C.I.	Ottawa	11
KAIEN GU	St. John's-Ravenscourt School	Winnipeg	11
HEINRICH JIANG	Vincent Massey S.S.	Windsor	11
JUHEE LEE	St. Francis Xavier S.S.	Mississauga	11
IAN LEITH	University of Toronto Schools	Toronto	11
VICTOR LIU	Dr. Norman Bethune C.I.	Scarborough	11
MARIYA SARDARLI	Strathcona Composite H.S.	Edmonton	10
CHARLIE SHEN	Pinetree S.S.	Coquitlam	11
HUNTER SPINK	Western Canada H.S.	Calgary	11
MENG ZHAO	Western Canada H.S.	Calgary	11
ALLEN ZHOU	Moscrop S.S.	Burnaby	11
KAIVEN ZHOU	Strathcona Composite H.S.	Edmonton	11

TEAMS / ÉQUIPES

	School	Location	Score
	École	Endroit	Note
Champion / Première	University of Toronto Schools	Toronto	428
Second / Deuxième	Vincent Massey S.S.	Windsor	426
Third / Troisième	Pinetree S.S.	Coquitlam	424
	St. Francis Xavier S.S.	Mississauga	424
Fifth / Cinquième	Western Canada H.S.	Calgary	422

**2010 FERMAT CONTEST PROVINCIAL CHAMPIONS
CHAMPIONS PROVINCIAUX AU CONCOURS FERMAT 2010**

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	NATHAN WILSON	Holy Heart of Mary Reg'l H.S.	St. John's
NS	DYLAN DAY	J.L. Ilsley H.S.	Halifax
NS	PELHAM FLOWERDEW	Halifax Grammar School	Halifax
NB	INTEKHAB HOSSAIN	Saint John H.S.	Saint John
PE	ALEX PAN	Colonel Gray Sr. H.S.	Charlottetown
QC	KYLE ACTON	Lindsay Place H.S.	Pointe-Claire
QC	YINGPENG CHENG	E.S. St. Luc	Montreal
QC	OULIN YU	E.S. St. Luc	Montreal
ON North	YIHAN ZHU	Korah C.V.S.	Sault Ste. Marie
ON East	RUTGER CAMPBELL	Lisgar C.I.	Ottawa
ON Metro	VICTOR LIU	Dr. Norman Bethune C.I.	Scarborough
ON Metro	IAN LEITH	University of Toronto Schools	Toronto
ON West	HEINRICH JIANG	Vincent Massey S.S.	Windsor
ON Central	JUHEE LEE	St. Francis Xavier S.S.	Mississauga
MB	KAIEN GU	St. John's-Ravenscourt School	Winnipeg
SK	KYUNGJIN KIM	Walter Murray C.I.	Saskatoon
AB	MARIYA SARDARLI	Strathcona Composite H.S.	Edmonton
AB	HUNTER SPINK	Western Canada H.S.	Calgary
AB	MENG ZHAO	Western Canada H.S.	Calgary
AB	KAIVEN ZHOU	Strathcona Composite H.S.	Edmonton
BC	CHARLIE SHEN	Pinetree S.S.	Coquitlam

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

Number of Contestants / Nombre de concurrents: 26245

Average mark / Note moyenne: 91.38

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

#	Correct Answer/ Bonne Réponse	A	B	C	D	E	% not attempted/ % sans réponse	% correct of attempted % tentatives réussies
1	D	0.40	0.12	4.29	94.90	0.07	0.16	95.05
2	C	1.68	0.26	97.50	0.15	0.20	0.15	97.65
3	C	0.43	0.58	97.85	0.30	0.53	0.27	98.11
4	A	91.58	0.72	1.12	0.47	5.52	0.54	92.07
5	C	1.68	3.37	79.62	6.36	6.46	2.44	81.62
6	E	3.60	0.87	1.14	4.28	89.29	0.77	89.98
7	B	0.84	89.28	2.64	6.05	0.53	0.61	89.83
8	E	1.19	1.73	2.63	2.46	90.56	1.37	91.82
9	B	8.43	67.96	5.90	8.29	2.08	7.27	73.29
10	E	9.13	21.60	0.77	4.12	62.79	1.54	63.77
11	E	3.53	2.99	5.32	4.82	78.40	4.89	82.43
12	C	7.70	16.15	62.49	2.65	1.77	9.18	68.80
13	B	4.44	46.02	32.14	5.27	2.03	10.03	51.16
14	B	8.65	72.56	6.11	2.44	1.67	8.52	79.32
15	D	28.68	5.30	1.87	55.91	2.86	5.31	59.05
16	B	9.60	66.72	3.20	4.52	1.36	14.56	78.09
17	A	59.82	3.37	15.65	2.98	6.11	12.01	67.99
18	C	4.60	18.61	50.57	8.71	4.29	13.17	58.25
19	A	18.30	5.46	16.41	8.36	10.83	40.57	30.80
20	B	8.98	28.91	9.25	6.89	5.22	40.69	48.74
21	D	7.11	5.50	4.65	43.01	8.65	31.02	62.34
22	D	2.43	4.44	11.32	28.94	22.90	29.91	41.29
23	A	14.50	8.53	8.93	8.31	7.47	52.20	30.33
24	C	5.30	10.36	10.55	5.99	4.02	63.72	29.07
25	E	22.96	5.25	7.01	18.40	4.55	41.78	7.81

Number of Contestants / Nombre de concurrents: 21097

Average mark / Note moyenne: 87.69

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

#	Correct Answer/ Bonne Réponse	A	B	C	D	E	% not attempted/ % sans réponse	% correct of attempted % tentatives réussies
1	D	24.56	0.33	0.14	74.84	0.06	0.02	74.85
2	C	1.69	1.20	91.43	1.75	3.46	0.41	91.81
3	A	94.99	0.18	0.82	0.34	3.23	0.39	95.36
4	E	4.36	2.05	2.29	2.00	83.62	5.62	88.60
5	B	5.29	81.71	2.61	0.83	5.67	3.84	84.97
6	E	1.07	2.74	6.34	2.03	83.93	3.83	87.28
7	D	3.52	4.71	2.72	84.34	1.19	3.47	87.38
8	B	0.88	83.51	3.47	6.54	1.21	4.33	87.29
9	C	8.07	6.17	51.40	6.03	6.45	21.83	65.75
10	B	4.17	58.34	23.57	4.20	2.00	7.67	63.18
11	A	85.80	3.81	1.82	2.28	1.01	5.23	90.54
12	E	12.31	10.02	3.85	5.81	60.13	7.83	65.24
13	D	3.51	6.17	4.25	70.40	6.03	9.58	77.87
14	C	12.47	36.66	33.15	5.84	1.43	10.40	36.99
15	C	6.90	5.42	71.92	2.42	10.93	2.36	73.66
16	B	8.84	37.30	7.56	6.48	4.00	35.76	58.06
17	D	3.55	6.68	8.89	49.08	3.59	28.15	68.31
18	E	6.39	3.93	9.90	7.47	40.43	31.83	59.30
19	A	17.45	17.94	11.45	5.02	13.11	34.98	26.83
20	C	5.90	8.27	36.70	5.01	4.08	40.00	61.17
21	A	41.94	5.80	9.11	5.02	8.67	29.41	59.42
22	C	4.52	11.02	11.77	7.09	3.92	61.63	30.68
23	B	8.02	32.91	10.77	7.10	4.56	36.58	51.90
24	A	9.01	13.72	8.02	8.69	14.51	46.01	16.69
25	D	6.53	7.55	11.49	11.44	8.06	54.88	25.36

Number of Contestants / Nombre de concurrents: 17386

Average mark / Note moyenne: 89.52

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

#	Correct Answer/ Bonne Réponse	A	B	C	D	E	% not attempted/ % sans réponse	% correct of attempted % tentatives réussies
1	A	97.85	0.59	0.29	0.51	0.65	0.07	97.93
2	A	95.29	3.01	0.73	0.16	0.37	0.41	95.69
3	C	1.13	14.99	81.78	1.28	0.49	0.31	82.03
4	C	0.26	6.26	92.15	0.45	0.52	0.32	92.45
5	D	2.41	0.61	0.58	94.95	0.84	0.58	95.50
6	B	5.95	82.44	2.81	3.43	1.77	3.57	85.49
7	D	1.27	0.75	1.91	92.57	1.23	2.25	94.70
8	E	2.02	0.53	5.20	29.97	59.86	2.39	61.33
9	D	0.37	0.30	0.49	97.57	0.21	1.02	98.58
10	B	9.40	69.40	3.74	2.24	5.68	9.51	76.69
11	C	5.26	4.33	78.36	1.96	8.90	1.17	79.29
12	B	3.88	62.73	5.63	2.96	13.03	11.73	71.07
13	A	59.32	3.13	18.85	3.41	3.36	11.89	67.33
14	D	5.87	2.47	10.43	64.61	13.51	3.08	66.66
15	D	8.14	7.70	17.23	26.33	6.41	34.15	39.99
16	A	58.91	6.60	9.82	6.19	1.44	17.01	70.99
17	B	15.98	29.28	6.21	5.66	5.72	37.12	46.56
18	A	58.21	6.13	6.83	9.73	5.41	13.66	67.42
19	D	5.71	8.89	6.17	41.79	5.22	32.20	61.63
20	D	13.71	3.32	18.22	36.62	7.95	20.15	45.86
21	A	39.86	5.46	5.78	5.59	9.93	33.35	59.80
22	E	4.59	26.85	6.56	13.61	8.01	40.34	13.43
23	C	3.72	4.91	17.63	6.70	9.01	58.01	41.98
24	E	3.80	7.65	7.26	7.47	4.37	69.42	14.30
25	E	3.96	6.64	7.55	7.26	4.56	70.00	15.19

Student Rankings

Classements des élèves

Score/ Note	Pascal Rank/ Position	Cayley Rank/ Position	Fermat Rank/ Position	Score/ Note	Pascal Rank/ Position	Cayley Rank/ Position	Fermat Rank/ Position
150	1	1	1	99	8748	5826	4941
149				98	9087	6120	5189
148				97	9508	6467	5469
147				96	9916	6798	5732
146				95	10336	7114	6051
145	4	17		94	10767	7473	6324
144	6	18	4	93	11234	7794	6642
143				92	11591	8096	6914
142	8	32	13	91	12030	8405	7240
141				90	12419	8727	7512
140	54	66		89	12816	9071	7780
139	56	67	25	88	13246	9422	8095
138	58	68	28	87	13641	9728	8376
137	101	94	80	86	14029	10018	8644
136	109	96	83	85	14449	10300	8926
135		138		84	14811	10594	9204
134	179	139	101	83	15200	10917	9427
133	279	192	134	82	15618	11246	9778
132	288	196	140	81	15948	11522	10050
131	436	285	210	80	16304	11803	10331
130	451	290	213	79	16650	12061	10557
129	619	356	310	78	16991	12367	10795
128	634	367	312	77	17353	12675	11037
127	854	493	384	76	17735	12926	11317
126	892	505	398	75	18033	13175	11507
125	1200	667	527	74	18349	13437	11724
124	1241	681	553	73	18629	13685	11914
123	1470	800	725	72	18892	13946	12158
122	1537	831	738	71	19226	14200	12392
121	1846	1014	854	70	19528	14405	12613
120	1964	1063	892	69	19731	14604	12778
119	2338	1311	1099	68	19985	14823	12942
118	2463	1365	1139	67	20232	15039	13093
117	2777	1563	1347	66	20466	15258	13273
116	2901	1622	1396	65	20718	15427	13428
115	3272	1884	1592	64	20899	15579	13572
114	3441	1984	1664	63	21105	15739	13718
113	3854	2299	1902	62	21292	15886	13843
112	4007	2410	1967	61	21446	16070	13981
111	4444	2678	2219	60	21632	16227	14129
110	4655	2818	2284	59	21814	16357	14232
109	5062	3114	2525	58	21968	16472	14300
108	5309	3285	2652	57	22095	16610	14396
107	5768	3625	2913	56	22208	16745	14476
106	6009	3819	3050	55	22341	16881	14569
105	6464	4133	3375	54	22463	16974	14651
104	6752	4376	3536	53	22564	17081	14725
103	7197	4689	3852	52	22659	17169	14798
102	7532	4954	4065	51	22740	17243	14853
101	7949	5258	4409	50	22822	17350	14917
100	8271	5514	4628	49	22899	17442	14973

Score/ Note	Pascal Rank/ Position	Cayley Rank/ Position	Fermat Rank/ Position
48	22964	17510	15011
47	23029	17591	15057
46	23092	17682	15092
45	23135	17759	15124
44	23179	17837	15159
43	23236	17893	15187
42	23272	17954	15216
41	23304	17994	15239
40	23344	18070	15268
39	23375	18126	15293
38	23399	18158	15306
37	23414	18197	15326
36	23432	18226	15347
35	23458	18265	15372
34	23476	18305	15394
33	23486	18326	15404
32	23503	18342	15414
31	23515	18363	15425
30	23524	18388	15434
29	23534	18411	15437
28	23539	18430	15442
27	23544	18440	15448
26	23548	18455	15454
25	23558	18467	15463
24	23566	18485	15466
23	23570	18496	15468
22	23571	18510	15470
21	23573	18519	15474
20	23576	18529	15476
19	23577	18531	15477
18	23578	18536	15480
17	23580	18539	
16	23582	18541	15481
15	23583	18547	15485
14		18550	
13		18551	
12		18553	
11			15486
10		18555	

N.B. These rankings pertain to official contestants only /

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

Scores/ Notes	Pascal Ranks/ Positions	Cayley Ranks/ Positions	Fermat Ranks/ Positions
440 - 450		1 - 2	
430 - 439	1 - 2	3 - 6	
420 - 429	3 - 6	7 - 11	1 - 5
410 - 419	7 - 23	12 - 28	6 - 11
400 - 409	24 - 59	13 - 44	12 - 25
390 - 399	60 - 106	45 - 73	26 - 61
380 - 389	107 - 175	74 - 99	62 - 92
370 - 379	176 - 257	100 - 147	93 - 121
360 - 369	258 - 336	148 - 207	122 - 168
350 - 359	337 - 430	208 - 291	169 - 237
340 - 349	431 - 525	292 - 369	238 - 317
330 - 339	526 - 608	370 - 450	318 - 398
320 - 329	609 - 710	451 - 536	399 - 488
310 - 319	711 - 798	537 - 617	489 - 584
300 - 309	799 - 867	618 - 695	585 - 657

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

Pascal Contest / Concours Pascal: 1079

Cayley Contest / Concours Cayley: 1023

Fermat Contest / Concours Fermat: 992



2010
Results

2010
Résultats

Pascal Contest
(Grade 9)

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

Cayley Contest
(Grade 10)

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

Fermat Contest
(Grade 11)

Concours Fermat
(11^e année – Sec. V)

Pascal Contest Honour Rolls
Palmarès pour le concours Pascal

2010
Pascal Contest/Concours Pascal
Team List/Palmarès d'équipes

Rank/ Rang	School/ École	City/Ville	Score/Note
1	Glenforest S.S.	Mississauga	437
2	Bayview S.S.	Richmond Hill	434
3	North Toronto C.I.	Toronto	426
4	Victoria Park C.I.	North York	422
5	Semiahmoo S.S.	Surrey	421
5	Northern S.S.	Toronto	421
7	University of Toronto Schools	Toronto	418
8	Markham D.H.S.	Markham	416
9	E.S. St. Luc	Montreal	414
9	Earl Haig S.S.	North York	414
9	University Hill S.S.	Vancouver	414
9	Unionville H.S.	Markham	414
9	Moscrop S.S.	Burnaby	414
14	Walter Murray C.I.	Saskatoon	412
14	St. George's School	Vancouver	412
14	Richmond S.S.	Richmond	412
14	Acadia Jr. H.S.	Winnipeg	412
14	Waterloo C.I.	Waterloo	412
14	Pleasant View Jr. H.S.	North York	412
20	Crofton House School	Vancouver	411
21	Westdale S.S.	Hamilton	410
21	A.B. Lucas S.S.	London	410
21	Magee S.S.	Vancouver	410
24	Pinetree S.S.	Coquitlam	409
25	Richmond Hill H.S.	Richmond Hill	408
25	Windfields Jr. H.S.	North York	408
25	Earl of March S.S.	Kanata	408
25	The Woodlands School	Mississauga	408
25	Academy for Gifted Children-PACE	Richmond Hill	408
25	Burnaby Mountain S.S.	Burnaby	408
25	Newmarket H.S.	Newmarket	408
25	Point Grey S.S.	Vancouver	408
33	Bell H.S.	Nepean	407
33	William Lyon Mackenzie C.I.	North York	407
35	Meadowridge School	Maple Ridge	406
35	Steveston London S.S.	Richmond	406
35	Heritage Woods Secondary	Port Moody	406
35	Vincent Massey S.S.	Windsor	406
35	Upper Can Col-Upper School	Toronto	406
40	Burnaby North S.S.	Burnaby	405
41	Martingrove C.I.	Etobicoke	404
41	Bloor C.I.	Toronto	404
41	St. Andrews J.H.S.	North York	404
41	Thornhill S.S.	Thornhill	404
45	Prince of Wales S.S.	Vancouver	403
46	Crescent School	North York	402
46	Don Mills C.I.	North York	402
46	Sinclair S.S.	Whitby	402
46	J.N. Burnett S.S.	Richmond	402
46	Lisgar C.I.	Ottawa	402
46	Seaquam S.S.	Delta	402
46	David Thompson S.S.	Vancouver	402

2010
Pascal Contest/Concours Pascal
Student Rankings/Palmarès d'étudiants

Name/Nom	School/École	Location/ Endroit	Grade/Niveau
Group I/Groupe I		Scores/Notes 150 - 145	
SPIVAK DANIEL	Bayview S.S.	Richmond Hill	9
XIE JENNIFER	Crofton House School	Vancouver	9
YANG WOOSUNG	Semiahmoo S.S.	Surrey	8
ZHANG HENRY	Glenforest S.S.	Mississauga	9
ZHAO HONG RU	Glenforest S.S.	Mississauga	9
Group II/Groupe II		Scores/Notes 144 - 141	
BALACHANDRAN SANHAR	Glenforest S.S.	Mississauga	9
CHAN CLAUDIA	Windfields Jr. H.S.	North York	9
CHAN EUGENIA	Simon Fraser Jr. H.S.	Calgary	9
CHAN SHANNON	Earl Haig S.S.	North York	9
CHAO AHGELA	Glenforest S.S.	Mississauga	9
CHEUNG GEORGE	University of Toronto Schools	Toronto	8
CHEUNG ANSON	Academy for Gifted Children-PACE	Richmond Hill	8
FAN LECHENG	North Toronto C.I.	Toronto	9
HANSEN THOMAS	Newmarket H.S.	Newmarket	9
HUANG JOHN	Steveston London S.S.	Richmond	9
HUANG STEVEN	University Hill S.S.	Vancouver	9
HUANG TOMMY	Bayview S.S.	Richmond Hill	9
JEN GREGORY	R.A. McMath S.S.	Richmond	9
KESELJ STEFAN	Bedford Jr. H.S.	Bedford	8
KIM VICTER	A.B. Lucas S.S.	London	9
KIM YOUNGSANG	Pinetree S.S.	Coquitlam	9
KONG LESTER	Bayview S.S.	Richmond Hill	9
LAM PAK KI	Prince of Wales S.S.	Vancouver	9
LEE HANNOORI	Semiahmoo S.S.	Surrey	9
LEE JOHN	Westdale S.S.	Hamilton	9
LEE LESTER	Collingwood School	West Vancouver	9
LI ANGELA	Magee S.S.	Vancouver	9
LI FRANK	Markham D.H.S.	Markham	9
LI VICTOR	Thornhill S.S.	Thornhill	9
LI YE DAVID	Victoria Park C.I.	North York	9
MOLINA ANTONIO	Ste. Anne	Fredericton	8
OU DAVID	North Toronto C.I.	Toronto	9
PAN ERIC		London	8
PARK MICHAEL	Leo Hayes H.S.	Fredericton	9
PASEK SHANE	St. John's College	Brantford	9
RANDALL ETHAN	Sinclair S.S.	Whitby	9
REN KEVIN	Bayview S.S.	Richmond Hill	9
SEO JULIAN	Michael Power-St Joseph	Etobicoke	9
SINGH ASHWIN	Meadowridge School	Maple Ridge	9
SONG ALLAN	Glenforest S.S.	Mississauga	9
STAJIC VLADIMIR	Northern S.S.	Toronto	9
THIRUNAVUKKARA PRANAVAN	Victoria Park C.I.	North York	9
TSE VIVIAN	The Yorkland School	North York	9
WADDELL CHRIS	Walter Murray C.I.	Saskatoon	9
WONG SHANNON	Richmond Hill H.S.	Richmond Hill	9
WONG WAYNE	Glenforest S.S.	Mississauga	9
XU DAVID	North Toronto C.I.	Toronto	9
XUE ZEHAO	Waterloo C.I.	Waterloo	9
YE TONY	Moscrop S.S.	Burnaby	9
YU BILL	Bloor C.I.	Toronto	9
ZHANG JASON	Pleasant View Jr. H.S.	North York	9

2010
Pascal Contest/Concours Pascal
Student Rankings/Palmarès d'étudiants

Group II/Groupe II

Scores/Notes 144 - 141

ZHOU	HENRY	Northern S.S.	Toronto	9
ZHOU	NED	Richmond S.S.	Richmond	9

Group III/Groupe III

Scores/Notes 140 - 138

BABNIK	CURTIS	Ecole Phoenix M.S.	Campbell River	9
BALASINGAM	RAGEENA	Glenforest S.S.	Mississauga	9
BRIK	GARO	University of Toronto Schools	Toronto	8
CHAN	DEREK	Point Grey S.S.	Vancouver	9
CHEN	JOEY	Seaquam S.S.	Delta	9
CHEUNG	JONATHAN	Vancouver College H.S.	Vancouver	9
DOLGOVYKH	ANTON	Holy Trinity School	Richmond Hill	9
DOWLING	CHRIS	North Middlesex D.H.S.	Parkhill	9
ESAU	STEVEN	Mennonite Ed. Inst.	Abbotsford	9
FANG	YITONG	E.S. St. Luc	Montreal	9
FARRANT DIAZ	NATHAN	University of Toronto Schools	Toronto	8
GRABKE	EMERSON	St. Andrews J.H.S.	North York	9
HA	WINSTON	Earl Haig S.S.	North York	9
HANG	JACK	Zion Heights Jr. H.S.	North York	9
HUANG	JASON	David Thompson S.S.	Vancouver	9
JUNG	PAUL	Point Grey S.S.	Vancouver	9
KIM	CHARLES	Highland Jr. H.S.	North York	9
KWOK	BRIAN	St. George's School	Vancouver	9
KWONG	ANDREW	University of Toronto Schools	Toronto	8
LAU	VIVIAN	Markham D.H.S.	Markham	9
LEE	ALICIA	Martingrove C.I.	Etobicoke	9
LEE	RYAN	Unionville H.S.	Markham	9
LI	DA	E.S. St. Luc	Montreal	9
LIM	JEANNE	Burnaby North S.S.	Burnaby	8
LIM	JOHN	Gleneagle S.S.	Coquitlam	9
LIN	CLAY	Prince Of Wales Mini School	Vancouver	9
LIU	EDISON	North Toronto C.I.	Toronto	9
MILNER	JAKE	Walter Murray C.I.	Saskatoon	9
NENE	SHIRISH	The Woodlands School	Mississauga	9
PHILLIPS	DAMIEN	Leary's Brook J.H.S.	St. John's	9
PRILUKA	TALIA	Tanenbaum CHAT	Maple	9
QU	JIANYING	William Lyon Mackenzie C.I.	North York	9
SPENCE	CHRIS	Fort Saskatchewan Jr. H.S	Fort Saskatchewan	9
TSOUNG	DAVID	St. George's School	Vancouver	9
TUEN	CLIFF	Unionville H.S.	Markham	9
WANG	BENJAMIN	Acadia Jr. H.S.	Winnipeg	9
WEI	YUANHAO	Earl of March S.S.	Kanata	9
WONG	ANSON	Heritage Woods Secondary	Port Moody	9
WU	KEVIN	Victoria Park C.I.	North York	9
WU	MICHAEL	Acadia Jr. H.S.	Winnipeg	9
XIE	COLLEEN	Johnston Heights Jr. S.S.	Surrey	9
YAU	QUINTON	Crescent School	North York	9
YIN	DAVID		Scarborough	8
YIN	TONY	Agincourt C.I.	Scarborough	9
ZHANG	JASON	Vincent Massey S.S.	Windsor	9
ZHAO	KAI X I	E.S. St. Luc	Montreal	9
ZHU	ROBERT	Iroquois Ridge H.S.	Oakville	9

Group IV/Groupe IV

Scores/Notes 137 - 135

BAE	SHARON	Richview C.I.	Etobicoke	9
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2010
Pascal Contest/Concours Pascal
Student Rankings/Palmarès d'étudiants

Group IV/Groupe IV

Scores/Notes 137 - 135

BALACHANDRAN	KATIYAYNI	Victoria Park C.I.	North York	9
BAYLIS	JOEL	Eastview S.S.	Barrie	9
CHEON	STEPHANIE	Bayview S.S.	Richmond Hill	9
CHOY	VICTOR	Burnaby South S.S.	Burnaby	9
CHU	TIMMY	R.C. Palmer S.S.	Richmond	9
CHU	WEILIAN	Grandview Heights Elem. Jr. H.S.	Edmonton	9
CRAIG	ROSSDAN	Bell H.S.	Nepean	9
CUPILLARI	ALEXANDER	Upper Can Col-Upper School	Toronto	9
DAVID	FRANCIS	University of Toronto Schools	Toronto	8
DAVIS	JOHN	University of Toronto Schools	Toronto	8
DUAN	HENRY	University Hill S.S.	Vancouver	9
DUAN	JUNRAN	Pleasant View Jr. H.S.	North York	9
EASSON	KAITLYN	Markham D.H.S.	Markham	9
FITCH	EMILY	Sir Winston Churchill S.S.	Vancouver	9
HEBERT	CHARLES	College Jean de Brebeuf	Montreal	9
HONG	CHERINA	Acadia Jr. H.S.	Winnipeg	9
JEON	JESSICA	Holy Trinity C.S.S.	Oakville	9
JEYAPRAGASAN	KUHAN	University of Toronto Schools	Toronto	8
JI	HAOCHEN	The Woodlands School	Mississauga	9
JIANG	JOANNA	Oakville Trafalgar H.S.	Oakville	9
JUNG	ASHLEY	Zion Lutheran	Surrey	9
KIM	JAKE	Burnaby Mountain S.S.	Burnaby	8
KIM	KUN	St. George's School	Vancouver	9
KIM	SU JEONG	Moscrop S.S.	Burnaby	8
KIM	YOUNGKYUN	Luther College	Regina	9
KO	NATHANIA	Burnaby Mountain S.S.	Burnaby	8
KONG	JINHYUNG	Windsor S.S.	North Vancouver	9
LAM	MARGARET	Glenforest S.S.	Mississauga	9
LEE	STEVE	Westmount C.I.	Thornhill	9
LEE	TIMOTHY	Steveston London S.S.	Richmond	9
LEUNG	EDRIC	Upper Can Col-Upper School	Toronto	8
LI	RONGZHAO	Waterloo C.I.	Waterloo	8
LI	SCARLETT	Victoria Park C.I.	North York	9
LI T	SCOTT	Northern S.S.	Toronto	9
LIM	AMOS	Markham D.H.S.	Markham	9
LIU	DAVID	Acadia Jr. H.S.	Winnipeg	9
LIU	JORDANNA	Unionville H.S.	Markham	9
LU	JOHN	St. Thomas Aquinas H.S.	Oakville	9
LU	SIMO	Earl of March S.S.	Kanata	9
LU	THOMAS	Markham D.H.S.	Markham	9
LU	WINNIE	London Central S.S.	London	9
MARTIN	PETER	Guelph C. & V.I.	Guelph	9
MARTINELLO	SAM	St. Mary's H.S.	Kitchener	9
MIAO	SIMON	Moscrop S.S.	Burnaby	8
MOFFATT	CLARE	Branksome Hall	Toronto	8
NG	BENJAMIN	Burnaby Mountain S.S.	Burnaby	9
PARK	MYUNGCHAN	Bishop's College School	Sherbrooke	9
QIMING	WENG	Windfields Jr. H.S.	North York	9
ROIBU	ANDREI	Northern S.S.	Toronto	9
SAREEN	VASU	Catholic Central H.S.	London	9
SEPT	LOGAN	Prairie Christian Academy	Three Hills	9
SPIRA	ADRIAN	Meadowridge School	Maple Ridge	9
STROM	EVAN	Northern S.S.	Toronto	9
TIMMINS	LIAM	Ashbury College	Rockcliffe	9
TU	JAMES	St. Andrews J.H.S.	North York	9
WANG	TIANDUO	Westdale S.S.	Hamilton	9
WONG	ANDY	Crestwood School	Edmonton	9

2010
Pascal Contest/Concours Pascal
Student Rankings/Palmarès d'étudiants

Group IV/Groupe IV

Scores/Notes 137 - 135

WONG	CARISSA	Bayview S.S.	Richmond Hill	9
WONG	SANDY	John Campbell P.S.	Windsor	8
WU	ANNE	Bell H.S.	Nepean	9
XI	JINGYANG	University Hill S.S.	Vancouver	9
XIE	RONALD	Richmond S.S.	Richmond	9
XU	CHAOQIAO	J.N. Burnett S.S.	Richmond	9
XU	HAICHUAN	Port Credit S.S.	Mississauga	9
XU	JOEL	Markham D.H.S.	Markham	9
XU	STEPHEN	Katimavik E.S.	Kanata	8
XU	YUWEI	John Campbell P.S.	Windsor	8
YASUI	NIKO	Parkview Elem. Jr .H.S.	Edmonton	9
YOO	YEONGHWI	Dunsmuir J.S.	Victoria	9
YOUNG	TONY	Bayview S.S.	Richmond Hill	9
YU	ALICE	St. John's-Ravenscourt School	Winnipeg	8
YUE	JENNY	Newmarket H.S.	Newmarket	9
ZHANG	DOUGLAS	Victoria Park C.I.	North York	9
ZHANG	XURAN	West Vancouver S.S.	West Vancouver	9
ZHOU	JOSEPH	Vincent Massey S.S.	Windsor	9
ZHOU	SEAN	Victoria Park C.I.	North York	9
ZHOU	WILLIAM	Britannia S.S.	Vancouver	9

Group V/Groupe V

Scores/Notes 134 - 134

BERGEN	FRANCESCA	Mennonite Ed. Inst.	Abbotsford	9
BOND	ALEX	Northern S.S.	Toronto	9
BUI	JESSICA	Earl of March S.S.	Kanata	9
CAI	TANNYA	Elmwood School	Rockcliffe	9
CHAI	JUSTIN	Toronto French School	North York	9
CHAN	ELLEN	Magee S.S.	Vancouver	9
CHAN	KEVIN	Thornhill S.S.	Thornhill	9
CHIAM	MARCUS	Unionville H.S.	Markham	9
CHOI	KURT	A.B. Lucas S.S.	London	9
CHOU	ERIC	West Point Grey Academy	Vancouver	9
CUCINELLI	ALEX	Kennebecasis Valley H.S.	Rothesay	9
DELTCHEV	PETER	Handsworth S.S.	North Vancouver	9
DICK	RYAN	Earl of March S.S.	Kanata	9
DING	JESSICA	Prince of Wales S.S.	Vancouver	9
DU	JAMES	The Incentive Program	Richmond	9
DUA N	TONY	Pierre Elliott Trudeau H.S.	Markham	9
FENG	ELAINE	Richmond S.S.	Richmond	9
FOSADO SOLIS	SAMANTHA	E.S. St. Luc	Montreal	9
GAO	QIANYU	Don Mills C.I.	North York	9
GAO	QIAOYU		North York	9
GU	BAILEY	Lisgar C.I.	Ottawa	9
GU	WILLY	Pierre Elliott Trudeau H.S.	Markham	9
HE	SUSAN	Earl Haig S.S.	North York	9
HONG	MICHAEL	A.B. Lucas S.S.	London	9
HONG	WILL	A.B. Lucas S.S.	London	9
HUANG	ANDY	Victoria Park C.I.	North York	9
IVESON	GARETH	Streetsville S.S.	Mississauga	9
JAMES	WILLIAM	Northern S.S.	Toronto	9
JEONG	JIMMY	Glenlyon-Norfolk Sr. S.S.	Victoria	9
JHAJJ	JAGJOT	Panorama Ridge S.S.	Surrey	8
JIANG	JESSICA	York House School	Vancouver	8
KANG	ANDREW		Victoria	8
KARA	HUSAYN	Upper Can Col-Upper School	Toronto	8

2010
Pascal Contest/Concours Pascal
Student Rankings/Palmarès d'étudiants

Group V/Groupe V

Scores/Notes 134 - 134

KIM	NAYOUNG	Semiahmoo S.S.	Surrey	9
KIM	RYAN	Heritage Woods Secondary	Port Moody	9
KIM	TAE HYUNG	West Point Grey Academy	Vancouver	9
KOGAN	TONY	Northern S.S.	Toronto	9
KONG	STEVEN	Royal West Academy	Montreal-Ouest	9
LAI	ELBERT	Waterloo C.I.	Waterloo	8
LAVERTY	HEATHER	Northern S.S.	Toronto	9
LEE	DAVID	Kitsilano S.S. (English)	Vancouver	9
LI	KEVIN	Pleasant View Jr. H.S.	North York	9
LIU	ALLEN	Acadia Jr. H.S.	Winnipeg	9
LIU	DENNIS	Moscrop S.S.	Burnaby	9
LIU	GRANTH	John Ware Jr. H.S.	Calgary	9
LIU	HSIN YEN	William Lyon Mackenzie C.I.	North York	9
LIU	TINA	Port Moody Sr. S.S.	Port Moody	9
MIZROKHI	EKATERINA	Woburn C.I.	Scarborough	9
MOTZ	CHRIS	Kitchener-Waterloo Bilingual School	Waterloo	8
NGO	TONY	William Lyon Mackenzie C.I.	North York	9
PARK	BRYAN	Bell H.S.	Nepean	9
PARK	PETER	Summerland S.S.	Summerland	9
PARK	YOONSIK	Pinetree S.S.	Coquitlam	9
QIU	BOBBY	Don Mills C.I.	North York	9
QIU	BRYAN	Richmond Hill H.S.	Richmond Hill	9
QIU	HOVY	Magee S.S.	Vancouver	9
QUAN	JASON	J.N. Burnett S.S.	Richmond	9
RAMOS	ERNESTO	St. Michael's College School	York	9
SHI	CHERRIE	Markham D.H.S.	Markham	9
SHI	KEVIN	Waterloo C.I.	Waterloo	9
SHIN	SOYOUNG	Bayview S.S.	Richmond Hill	9
SINGER	GRAHAM	Martingrove C.I.	Etobicoke	9
SONG	JAY	John Fraser S.S.	Mississauga	9
STEELE	ELLA	Kelvin H.S.	Winnipeg	9
SUO	SIMON	Pleasant View Jr. H.S.	North York	9
TAN	CYNTHIA	Royal West Academy	Montreal-Ouest	9
TAN	JOSEPH	Heritage Woods Secondary	Port Moody	9
TON THAT	DAN	Selwyn House School	Westmount	9
TSUI	LESLEY	Markville S.S.	Markham	9
VAN HAVRE	ARTHUR	College St. Alexandre	Gatineau	9
WAINWRIGHT	NATALIE	Northern S.S.	Toronto	9
WANG	ALICK	Bell H.S.	Nepean	9
WANG	GUO KAI	Elgin Park S.S.	Surrey	8
WANG	JESSE	Lisgar C.I.	Ottawa	9
WANG	SANCHUAN	Ashbury College	Rockcliffe	9
WANG	YIFAN	Victoria Park C.I.	North York	9
WENDICHANSKY	EZEQUIEL	Herzliah H.S. (Snowdon)	Montreal	9
WONG	ANSON	St. Michael's College School	York	9
WU	JENNY	Marc Garneau C.I.	North York	9
WU	TONY	Dr. Norman Bethune C.I.	Scarborough	9
XIE	PETER	Don Mills C.I.	North York	9
XU	ANTHONY	Sir William Mulock S.S.	Newmarket	9
XU	DENNIS	Abbey Park H.S.	Oakville	9
YAN	LEON	St. Andrew's R.H.S.	Victoria	9
YANG	KEVIN	Colonel By S.S.	Gloucester	9
YAO	KEVIN	Gordon Graydon Memorial S.S.	Mississauga	9
YE	ANNA	Burnaby South S.S.	Burnaby	8
YING	TED	The Woodlands School	Mississauga	9
YOON	SEWON	Handsworth S.S.	North Vancouver	9

2010
Pascal Contest/Concours Pascal
Student Rankings/Palmarès d'étudiants

Group V/Groupe V

Scores/Notes 134 - 134

ZHAN	REENA	University of Toronto Schools	Toronto	8
ZHANG	MELODY	Lord Byng S.S.	Vancouver	9
ZHANG	YICHEN	The Incentive Program	Richmond	9
ZHAO	ELIYA	Cameron Heights C.I.	Kitchener	9
ZHAO	JIM	Bayview S.S.	Richmond Hill	9
ZHOU	JASON	Burnaby North S.S.	Burnaby	9
ZHOU	JOHN	University of Toronto Schools	Toronto	8
ZHU	MICHAEL	Lisgar C.I.	Ottawa	9
ZHU	SKY	Victoria Park C.I.	North York	9
ZHU	YIQING	Macdonald Drive Jr. H.S.	St. John's	9
ZLOTCHEVSKI	ANDREI	College Jean de Brebeuf	Montreal	9