



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et en INFORMATIQUE

www.cemc.uwaterloo.ca

2018
Results

2018
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)



UNIVERSITY OF
WATERLOO

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

Ed Anderson	Angie Hildebrand
Jeff Anderson	Carrie Knoll
Terry Bae	Judith Koeller
Jacqueline Bailey	Laura Kreuzer
Grace Bauman	Bev Marshman
Shane Bauman	Mike Miniou
Ersal Cahit	Dean Murray
Serge D'Alessio	Jen Nelson
Rich Dlin	J.P. Pretti
Jennifer Doucet	Kim Schnarr
Fiona Dunbar	Carolyn Sedore
Mike Eden	Kevin Shonk
Barry Ferguson	Ashley Sorensen
Judy Fox	Ian VanderBurgh
Steve Furino	Troy Vasiga
John Galbraith	Christine Vender
Robert Garbary	Heather Vo
Rob Gleeson	Jessica Won
Sandy Graham	Tim Zhou
Conrad Hewitt	

Problems Committees / Comités des problèmes*Pascal Contest / Concours Pascal*

Aaron Warner (Chair / présidente), St. Mildred's-Lightbourn School, Oakville, ON
Janet Christ, Walter Murray C.I., Saskatoon, SK
Hwie Lie Johns, Sutherland S.S., North Vancouver, BC
Mike Miniou, University of Waterloo, Waterloo, ON
Peter O'Hara, London, ON
J.P. Pretti, University of Waterloo, Waterloo, ON
Paule Rodrigue, Franco-Cité, Ottawa, ON
Jim Schurter, Listowel, ON
Anna Spanik, Halifax, NS

Cayley Contest / Concours Cayley

Jen Nelson (Chair / présidente), University of Waterloo, Waterloo, ON
Rich Dlin, TanenbaumCHAT Kimel Family Education Centre, Vaughan, ON
Barry Ferguson, University of Waterloo, Waterloo, ON
Jordan Grant, St. John's-Kilmarnock School, Breslau, ON
Christopher Ing, Vincent Massey S.S., Windsor, ON
Christine Ruza, Elmira D.S.S., Elmira, ON
Tim Zhou, University of Waterloo, Waterloo, ON

Fermat Contest / Concours Fermat

Paul Fennell (Chair / président), London, ON
Sandra DellaMaestra, University of Toronto Schools, Toronto, ON
Mike Eden, University of Waterloo, Waterloo, ON
Conrad Hewitt, University of Waterloo, Waterloo, ON
Steve Lau, John Diefenbaker S.S., Hanover, ON
Carol Miron, Albert Campbell C.I., Toronto, ON
Michael Regep, Mentor College, Mississauga, ON
Martin Tuchtie, Fenelon Falls S.S., Fenelon Falls, ON

Our congratulations go to all who participated in this year's Pascal, Cayley and Fermat Contests. This year's Contests were resounding successes, with averages of 93.14, 91.59 and 87.75 across the three Contests. The number of eligible contestants with perfect papers on the three Contests were 11, 8 and 2.

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.

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 93,14, 91,59 et 87,75 à travers les trois Concours. Le nombre de candidats éligibles possédant un concours parfait était de 11, 8 et 2.

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
AB	100	50	46
BC	193	186	187
MB	53	46	47
NB	32	32	33
NL	31	29	29
NS	36	28	28
NT	1	1	1
NU	1	0	0
ON	700	676	679
PE	9	7	7
QC	88	88	88
SK	28	21	21
YT	1	1	1
International	271	266	262
Total	1544	1431	1429

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

	Pascal	Cayley	Fermat
AB	2714	854	762
BC	4280	3741	3095
MB	1285	951	653
NB	567	409	312
NL	589	426	334
NS	988	471	303
NT	5	6	6
NU	7	0	0
ON	12335	10416	8681
PE	172	62	77
QC	2295	1894	1765
SK	412	277	188
YT	3	3	6
International	6211	5199	4937
Total	31863	24709	21119

Total number of students enrolled / Nombre d'inscriptions individuelles: 77691

**2018 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2018**

PASCAL CONTEST / CONCOURS PASCAL

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
SELYAN AIT OUAHIOUNE	Bible Hill Jr. H.S.	Truro, NS
CRISTIAN BICHERU	Sir John A. Macdonald S.S.	Waterloo, ON
RICHARD CAO	Rockridge S.S.	West Vancouver, BC
HONGYI CHEN	St. George's School	Vancouver, BC
LEO CUI	William Lyon Mackenzie C.I.	North York, ON
NICOLE CUI	Insight Academy of Canada	Scarborough, ON
ERIC MYZELEV	William Lyon Mackenzie C.I.	North York, ON
ALLISON TSYPIN		Montreal, QC
DANIEL YANG	University of Toronto Schools	Toronto, ON

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	William Lyon Mackenzie C.I.	North York	444
Second / Deuxième	Insight Academy of Canada	Scarborough	437
Third / Troisième	University of Toronto Schools	Toronto	436
Fourth / Quatrième	Marc Garneau C.I.	North York	430
Fifth / Cinquième	John Fraser S.S.	Mississauga	428

**2018 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2018**

CAYLEY CONTEST / CONCOURS CAYLEY

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
JONATHAN CAO	R.C. Palmer S.S.	Richmond, BC
FREEMAN CHENG	Erindale S.S.	Mississauga, ON
RYAN CHEN	Fleetwood Park S.S.	Surrey, BC
RAY DAI	Walter Murray C.I.	Saskatoon, SK
QIYUE FAN	Appleby College	Oakville, ON
HENRY GUO	A.Y. Jackson S.S.	North York, ON
KEER HE		Vancouver, BC
YU FEI HUANG	Fleetwood Park S.S.	Surrey, BC
ANDY KIM		Ottawa, ON
LIAM KUSALIK	The Renert School	Calgary, AB
JUN YAO LI	Bayview S.S.	Richmond Hill, ON
MICHAEL LI	Marc Garneau C.I.	North York, ON
KEVIN LU	R.A. McMath S.S.	Richmond, BC
KEVIN WAN	Marc Garneau C.I.	North York, ON
ALEX XU	White Oaks S.S.	Oakville, ON
ALEX ZHANG	Old Scona Academic H.S.	Edmonton, AB
LOUIS ZHANG	Colonel By S.S.	Gloucester, ON

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	Marc Garneau C.I.	North York	436
Second / Deuxième	Bayview S.S.	Richmond Hill	420
Third / Troisième	Fleetwood Park S.S.	Surrey	418
Fourth / Quatrième	University of Toronto Schools	Toronto	416
Fifth / Cinquième	White Oaks S.S.	Oakville	415

**2018 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2018**

FERMAT CONTEST / CONCOURS FERMAT

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
PANYU CHEN	Earl Haig S.S.	North York, ON
ANNA KROKHINE	University of Toronto Schools	Toronto, ON
EDGAR WANG	College Jean de Brebeuf	Montreal, QC
SEAN WANG	Point Grey S.S.	Vancouver, BC
SAM ZHOU	Sir Winston Churchill S.S.	Vancouver, BC
XIAOYU ZHU	Centennial C. and V.I.	Guelph, ON

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	University of Toronto Schools	Toronto	424
Second / Deuxième	Marc Garneau C.I.	North York	419
Third / Troisième	Pinetree S.S.	Coquitlam	414
	Victoria Park C.I.	North York	414
Fifth / Cinquième	Sir John A. Macdonald S.S.	Waterloo	412

**2018 FERMAT CONTEST REGIONAL CHAMPIONS
CHAMPIONS RÉGIONAUX AU CONCOURS FERMAT 2018**

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
AB	DANIEL CHANG	Sir Winston Churchill H.S.	Calgary
BC	SEAN WANG	Point Grey S.S.	Vancouver
BC	SAM ZHOU	Sir Winston Churchill S.S.	Vancouver
MB	SONG SHENG	St. John's-Ravenscourt School	Winnipeg
NB	TIANMING HAN	St. Malachy's H.S.	Saint John
NL	BEN CHISLETT	Holy Heart of Mary Reg. H.S.	St. John's
NT	BRIAN LIANG	Ecole Sir John Franklin H.S.	Yellowknife
NS	JIASHU LIU	King's-Edgehill School	Windsor
ON North	TIMOTHY WALKER	Orillia S.S.	Orillia
ON East	ALEXANDER MONTEITH PISTOR		Ottawa
ON Metro	PANYU CHEN	Earl Haig S.S.	North York
ON Metro	ANNA KROKHINE	University of Toronto Schools	Toronto
ON Central	AMANDA TANG	Bayview S.S.	Richmond Hill
ON Central	QUOC TRAN	Georgetown D.H.S.	Georgetown
ON West	XIAOYU ZHU	Centennial C. and V.I.	Guelph
PE	ZIXIAN WEI	Colonel Gray Sr. H.S	Charlottetown
QC	EDGAR WANG	College Jean de Brebeuf	Montreal
SK	YOU NI	Luther College	Regina
YT	JAMES STOREY	F.H. Collins School	Whitehorse

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

Number of Contestants / Nombre de concurrents: 26492

Average mark / Note moyenne: 93.14

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	B	1.28	97.32	0.46	0.59	0.31	0.05	97.37
2	A	96.27	2.58	0.36	0.05	0.59	0.15	96.41
3	C	0.68	4.54	91.25	2.24	1.00	0.29	91.52
4	E	0.44	0.48	0.55	0.83	96.80	0.90	97.68
5	A	89.80	2.70	1.94	0.68	3.06	1.83	91.47
6	A	81.59	6.55	2.20	2.71	3.08	3.87	84.87
7	C	1.96	3.51	90.21	2.00	0.95	1.37	91.46
8	E	3.21	2.82	4.19	4.02	82.09	3.68	85.23
9	D	1.75	6.70	5.61	80.08	2.41	3.45	82.94
10	C	6.09	10.30	61.88	9.60	4.08	8.06	67.30
11	C	2.46	3.51	83.75	3.70	3.05	3.53	86.81
12	D	3.31	3.37	1.51	87.52	1.47	2.81	90.05
13	B	1.37	77.23	3.43	9.61	2.84	5.51	81.73
14	D	2.60	1.24	1.19	87.24	3.93	3.80	90.69
15	A	46.15	9.49	5.47	4.73	15.54	18.62	56.71
16	C	10.98	5.84	23.57	5.03	4.96	49.60	46.77
17	E	11.77	10.88	13.89	13.16	20.38	29.92	29.08
18	E	2.88	12.47	7.33	7.88	43.82	25.62	58.91
19	D	6.30	9.09	7.20	31.31	7.67	38.43	50.85
20	D	4.02	7.57	12.22	28.17	14.85	33.17	42.15
21	D	20.92	14.51	8.43	27.40	5.93	22.82	35.50
22	B	2.43	55.52	4.75	3.23	3.02	31.05	80.52
23	E	8.33	8.47	10.66	8.66	8.26	55.63	18.62
24	D	9.50	8.79	12.49	11.95	5.18	52.09	24.94
25	E	5.75	6.79	6.94	5.19	7.19	68.13	22.56

Number of Contestants / Nombre de concurrents: 20477

Average mark / Note moyenne: 91.59

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	E	0.46	0.76	0.19	0.06	98.47	0.06	98.53
2	C	1.17	1.77	93.65	1.23	1.21	0.97	94.57
3	D	0.37	0.40	1.92	96.71	0.32	0.27	96.97
4	D	0.42	0.41	1.79	96.87	0.28	0.22	97.08
5	B	1.43	88.13	1.71	2.61	1.74	4.37	92.16
6	B	1.17	94.78	0.82	0.44	1.67	1.12	95.85
7	D	4.57	2.70	1.73	87.75	0.81	2.45	89.95
8	B	3.69	69.32	5.44	5.40	1.92	14.24	80.83
9	E	1.86	8.14	7.60	1.54	76.26	4.60	79.94
10	D	2.58	2.25	1.52	90.89	1.34	1.42	92.20
11	D	1.29	4.80	3.21	79.48	3.33	7.89	86.29
12	C	1.39	1.83	88.44	3.79	1.49	3.06	91.23
13	A	24.16	17.99	14.78	27.93	2.73	12.41	27.58
14	E	10.30	11.04	5.45	5.74	42.51	24.96	56.65
15	A	59.72	11.83	13.99	3.44	3.12	7.92	64.86
16	E	9.65	5.65	14.49	14.74	47.79	7.68	51.77
17	B	5.13	37.22	6.81	6.49	7.48	36.87	58.96
18	E	7.24	8.46	3.74	6.37	37.37	36.81	59.14
19	D	4.43	4.66	5.69	61.91	5.55	17.75	75.27
20	C	7.17	16.82	19.98	10.44	10.03	35.56	31.01
21	B	5.19	62.15	3.42	7.56	10.99	10.68	69.58
22	A	11.82	4.90	10.69	10.89	5.74	55.96	26.84
23	E	10.89	8.19	8.26	7.97	5.99	58.70	14.50
24	A	9.41	11.46	7.70	10.17	3.25	58.01	22.41
25	E	6.39	6.35	9.55	3.90	7.05	66.75	21.20

Number of Contestants / Nombre de concurrents: 17592

Average mark / Note moyenne: 87.75

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	0.23	0.38	0.32	97.32	1.66	0.09	97.41
2	B	7.92	89.53	0.78	0.21	0.59	0.97	90.41
3	A	90.96	0.55	6.55	1.48	0.19	0.27	91.21
4	B	0.71	87.94	1.75	4.58	1.30	3.72	91.34
5	D	0.69	3.60	4.67	87.14	1.91	1.98	88.90
6	E	0.55	1.14	4.56	11.87	80.18	1.69	81.56
7	B	5.82	92.24	0.39	0.88	0.20	0.47	92.68
8	A	82.76	1.21	3.55	3.46	1.57	7.45	89.42
9	B	2.02	82.59	2.86	6.69	1.68	4.16	86.17
10	C	1.38	15.18	74.26	6.41	1.11	1.66	75.51
11	C	10.35	1.18	84.07	1.20	0.89	2.32	86.07
12	E	5.85	8.54	11.59	15.66	47.01	11.35	53.03
13	A	57.66	6.65	4.54	4.84	13.26	13.05	66.31
14	C	4.59	24.52	61.65	3.09	0.95	5.19	65.02
15	D	4.58	3.88	2.42	72.77	5.15	11.20	81.95
16	C	4.23	8.28	48.54	8.74	5.87	24.33	64.15
17	A	39.01	9.48	9.03	2.61	18.55	21.31	49.57
18	E	4.17	5.59	7.82	4.22	43.16	35.03	66.43
19	D	4.87	11.06	11.16	39.35	4.38	29.17	55.56
20	C	13.67	11.16	14.93	5.10	7.90	47.24	28.30
21	E	4.87	17.25	3.69	9.26	11.89	53.04	25.32
22	D	5.89	9.37	12.20	10.00	5.47	57.06	23.29
23	B	6.45	7.44	8.38	6.70	5.10	65.93	21.84
24	B	6.86	7.86	10.45	6.87	5.23	62.74	21.10
25	C	5.00	6.63	7.50	8.00	5.29	67.58	23.13

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	9778	7411	5051
149				98	10277	7667	5298
148				97	10931	8175	5731
147				96	11525	8457	6015
146				95	12205	9014	6445
145	12			94	12841	9341	6743
144	13	9	3	93	13474	9872	7179
143				92	14064	10177	7454
142	63	25	10	91	14657	10635	7848
141	124			90	15224	10978	8175
140	125			89	15772	11414	8556
139	130		24	88	16430	11823	8900
138	135	47	26	87	16959	12302	9279
137	231		53	86	17469	12603	9613
136	236	84	54	85	17960	12966	9992
135	317	123		84	18439	13329	10277
134	322	124	73	83	19008	13679	10610
133	427	178	120	82	19548	14070	10989
132	435	180	122	81	19951	14408	11303
131	544	318	201	80	20358	14736	11582
130	565	322	203	79	20737	15056	11875
129	701	410	241	78	21126	15358	12140
128	717	414	248	77	21539	15668	12463
127	890	525	279	76	21889	15989	12752
126	914	537	287	75	22178	16242	13034
125	1131	825	430	74	22492	16518	13283
124	1163	838	437	73	22810	16759	13520
123	1347	1007	496	72	23106	16999	13781
122	1390	1022	510	71	23385	17318	14090
121	1668	1246	563	70	23599	17526	14316
120	1737	1284	604	69	23787	17733	14524
119	2031	1668	835	68	23967	17883	14701
118	2107	1689	847	67	24176	18048	14903
117	2405	1967	970	66	24382	18227	15097
116	2517	2013	993	65	24550	18428	15329
115	2930	2330	1168	64	24693	18576	15468
114	3051	2393	1226	63	24827	18748	15627
113	3542	2873	1518	62	24968	18906	15768
112	3691	2939	1557	61	25112	19025	15934
111	4143	3381	1858	60	25261	19159	16070
110	4349	3460	1916	59	25358	19278	16215
109	4858	3931	2204	58	25448	19379	16301
108	5092	4035	2319	57	25539	19481	16398
107	5666	4542	2718	56	25625	19564	16502
106	5951	4661	2843	55	25706	19663	16616
105	6578	5199	3228	54	25756	19739	16684
104	6960	5357	3360	53	25812	19795	16755
103	7551	5899	3758	52	25860	19854	16820
102	7968	6090	3978	51	25924	19910	16901
101	8618	6642	4369	50	25987	19975	16986
100	9089	6864	4605	49	26042	20036	17047

Score/ Note	Pascal Rank/ Position	Cayley Rank/ Position	Fermat Rank/ Position
48	26077	20081	17094
47	26108	20126	17140
46	26148	20156	17190
45	26179	20200	17234
44	26222	20231	17278
43	26247	20256	17307
42	26268	20276	17334
41	26300	20303	17361
40	26321	20321	17389
39	26337	20338	17411
38	26357	20354	17428
37	26372	20368	17443
36	26385	20385	17454
35	26403	20399	17466
34	26417	20410	17489
33	26427	20420	17501
32	26436	20425	17508
31	26442	20431	17514
30	26445	20443	17526
29	26456	20449	17536
28	26460	20450	17542
27	26465	20451	17547
26	26470	20453	17557
25	26475	20456	17562
24	26478	20457	17566
23	26479	20460	17569
22		20461	17571
21	26481	20465	17572
20	26483	20466	17575
19		20471	17579
18		20472	17581
17	26488	20473	17583
16	26489		17587
15		20474	17588
14		20475	
13	26490		
12	26491	20476	17589
11			
10	26492		17590

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

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

Scores/ Notes	Pascal # of Schools/ N° d'écoles	Cayley # of Schools/ N° d'écoles	Fermat # of Schools/ N° d'écoles
440 - 450	1	1	0
430 - 439	6	1	0
420 - 429	10	2	1
410 - 419	27	11	6
400 - 409	25	26	12
390 - 399	27	33	17
380 - 389	56	36	23
370 - 379	66	54	30
360 - 369	81	72	38
350 - 359	86	79	61
340 - 349	106	95	72
330 - 339	135	93	94
320 - 329	112	79	95
310 - 319	89	93	98
300 - 309	75	94	91

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

Pascal Contest / Concours Pascal: 1078

Cayley Contest / Concours Cayley: 1017

Fermat Contest / Concours Fermat: 1006



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2018
Results

2018
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)

Fermat Contest Honour Rolls
Palmarès pour le concours Fermat

2018
Fermat Contest/Concours Fermat
Team Honour Rolls/Palmarès d'équipes

Rank/Rang	School/École	City/Ville	Score/Note
1	University of Toronto Schools	Toronto	424
2	Marc Garneau C.I.	North York	419
3	Pinetree S.S.	Coquitlam	414
3	Victoria Park C.I.	North York	414
5	Sir John A. Macdonald S.S.	Waterloo	412
6	Vincent Massey S.S.	Windsor	410
7	Bayview S.S.	Richmond Hill	405
8	Unionville H.S.	Markham	402
9	Richmond Hill H.S.	Richmond Hill	400
10	Burnaby Mountain S.S.	Burnaby	396
10	College Jean de Brebeuf	Montreal	396
10	Earl Haig S.S.	North York	396
10	Thornhill S.S.	Thornhill	396
14	Old Scona Academic H.S.	Edmonton	395
15	A.Y. Jackson S.S.	North York	394
15	Burnaby South S.S.	Burnaby	394
15	Elgin Park S.S.	Surrey	394
15	Lord Byng S.S.	Vancouver	394
15	Moscrop S.S.	Burnaby	394
15	Oakville Trafalgar H.S.	Oakville	394
15	Semiahmoo S.S.	Surrey	394
22	Waterloo C.I.	Waterloo	393
23	Westmount S.S.	Hamilton	392
24	Sir Winston Churchill S.S.	Vancouver	390
25	Crescent School	North York	389
26	Eric Hamber S.S.	Vancouver	388
26	Kuper Academy	Kirkland	388
28	Earl of March S.S.	Kanata	387
28	R.E. Mountain S.S.	Langley	387
30	Lower Canada College	Montreal	385
31	Bloor C.I.	Toronto	384
31	Prince of Wales S.S.	Vancouver	384
31	Royal West Academy	Montreal-Ouest	384
31	Sir Winston Churchill H.S.	Calgary	384
35	Burnaby North S.S.	Burnaby	383
36	Centennial C. and V.I.	Guelph	382
36	Iroquois Ridge H.S.	Oakville	382
36	Point Grey S.S.	Vancouver	382
36	White Oaks S.S.	Oakville	382
40	Mulgrave School	West Vancouver	380
41	London Central S.S.	London	377
41	University Transition Program	Vancouver	377
43	Pierre Elliott Trudeau H.S.	Markham	376
43	University Hill S.S.	Vancouver	376
43	Walnut Grove S.S.	Langley	376
46	Havergal College	North York	374
46	John Fraser S.S.	Mississauga	374
46	Port Moody Sr. S.S.	Port Moody	374
49	Gleneagle S.S.	Coquitlam	373
49	St. George's School	Vancouver	373

2018
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Name/Nom	School/École	Location/Endroit	Grade/Niveau
Group I/Groupe I			
Scores/Notes 150 - 143			
CHEN	PANYU	Earl Haig S.S.	North York 10
KROKHINE	ANNA	University of Toronto Schools	Toronto 10
WANG	EDGAR	College Jean de Brebeuf	Montreal 11
WANG	SEAN	Point Grey S.S.	Vancouver 11
ZHOU	SAM	Sir Winston Churchill S.S.	Vancouver 11
ZHU	XIAOYU	Centennial C. and V.I.	Guelph 11

Group II/Groupe II			
Scores/Notes 142 - 137			
AN	TONY	Marc Garneau C.I.	North York 11
BEINER	GABRIEL	University of Toronto Schools	Toronto 11
CHANG	DANIEL	Sir Winston Churchill H.S.	Calgary 10
CHEN	YUNCHAO	Newton's Grove School	Etobicoke 11
DONG	XINAO	Lord Byng S.S.	Vancouver 11
GAO	HONGJIAN	Pinetree S.S.	Coquitlam 11
GONG	JACK	Pinetree S.S.	Coquitlam 11
GUO	VICTOR	Marc Garneau C.I.	North York 11
HALIM	HOWARD	University of Toronto Schools	Toronto 11
HUA	QIWEN	Pinetree S.S.	Coquitlam 11
HUANG	YUQING	R.E. Mountain S.S.	Langley 11
JEYARAJAN	KAJEN	Victoria Park C.I.	North York 11
KE	CHENG	Pinetree S.S.	Coquitlam 11
KWONG	IVAN	University of Toronto Schools	Toronto 10
LI	ZHENING	Sir John A. Macdonald S.S.	Waterloo 9
LIU	MINGYU	Don Mills C.I.	North York 11
MAI	STEVEN	University of Toronto Schools	Toronto 11
MONTEITH PISTOR	ALEXANDER		Ottawa 11
NI	YOU	Luther College	Regina 11
REN	DONNEL	Sir John A. Macdonald S.S.	Waterloo 11
RONG	VICTOR	Marc Garneau C.I.	North York 11
TAIAN	QUAN CHENG	Victoria Park C.I.	North York 11
TANG	AMANDA	Bayview S.S.	Richmond Hill 11
TRAN	QUOC	Georgetown D.H.S.	Georgetown 11
XIA	TANGLIN	Waterloo C.I.	Waterloo 11
XIJUAN	SUN	St. Anne H.S.	Belle River 11
XU	SCOTT	Vincent Massey S.S.	Windsor 11
YI	YUTONG	Unionville H.S.	Markham 11
YU	FELIX	Crescent School	North York 11
ZHOU	YIWEN	Walnut Grove S.S.	Langley 11
ZOU	ALVIN	Prince of Wales S.S.	Vancouver 11

Group III/Groupe III			
Scores/Notes 136 - 134			
BAE	DENNIS	Bayview S.S.	Richmond Hill 11
CHEN	IVAN	Victoria Park C.I.	North York 11
DAI	SHUMAN	Semiahmoo S.S.	Surrey 10
DING	ALBERT	Thornhill S.S.	Thornhill 11
DING	STEVE	Vincent Massey S.S.	Windsor 11
GUO	ZIRUI	Upper Canada College (Upper Sc	Toronto 11

2018
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group III/Groupe III

Scores/Notes 136 - 134

HAN	TIANMING	St. Malachy's H.S.	Saint John	11
HE	QIRONG	Elgin Park S.S.	Surrey	11
KHAN	HAFEEZ	Panorama Ridge S.S.	Surrey	11
LI	KEVIN		Ottawa	11
LIN	KEVIN	Webber Academy	Calgary	11
LONG	WALLACE		Ottawa	11
OKUNO	KAZUMICHI	Seaquam S.S.	Delta	11
OREN	MICHAEL	Richmond Hill H.S.	Richmond Hill	11
QIAN	YUFAN	Pinetree S.S.	Coquitlam	11
SAHAK	HSHMAT	Marc Garneau C.I.	North York	11
SHENG	SONG	St. John's-Ravenscourt School	Winnipeg	11
TAI	WENZHAO	Jaya Int'l H.S.	Mississauga	11
TAN	MATTHEW	St. Joan of Arc C.S.S	Mississauga	11
TANG	DAVID	University of Toronto Schools	Toronto	10
TANG	HENRY	Marc Garneau C.I.	North York	11
TIAN	ZHENG Ying	Havergal College	North York	11
WANG	JING	North Toronto C.I.	Toronto	11
WANG	WILLIAM		Ottawa	11
WEN	KEVIN	University Hill S.S.	Vancouver	11
XU	HANYU	Burnaby South S.S.	Burnaby	11
YANG	BOYA	Burnaby South S.S.	Burnaby	10
YAO	DONGJIE	A.Y. Jackson S.S.	North York	11
YUE	EDISON	Moscrop S.S.	Burnaby	11
YUKHTMAN	LILLIAN	Thornhill S.S.	Thornhill	11
ZHANG	AIRUO	Mulgrave School	West Vancouver	11
ZHOU	YUZE	Pinetree S.S.	Coquitlam	11
ZHOU	ZIXIANG		London	8

Group IV/Groupe IV

Scores/Notes 133 - 132

BU	LOUIS	Harry Ainlay H.S.	Edmonton	11
CHAN	MELODY	Magee S.S.	Vancouver	11
CHEN	LEO	Vincent Massey S.S.	Windsor	11
CHEN	YU	Eric Hamber S.S.	Vancouver	11
DENG	SELENA	Oakville Trafalgar H.S.	Oakville	11
DING	SHANE	White Oaks S.S.	Oakville	11
FORBES	KATIE	Old Scona Academic H.S.	Edmonton	11
FU	ROGER	Marc Garneau C.I.	North York	11
GAO	ROLAND	Lord Byng S.S.	Vancouver	11
GU	SHIGUANG	Cariboo Hill S.S.	Burnaby	11
HE	ANZHOU	Earl of March S.S.	Kanata	11
HO	KELVIN	Unionville H.S.	Markham	11
HOU	ANZHOU	Bloor C.I.	Toronto	11
LALMAN	CATHERINE	Vincent Massey S.S.	Windsor	11
LEE	DONGYOON	St. Andrew's College	Aurora	11
LI	ANDREW	Marc Garneau C.I.	North York	11
LI	BOYANG	Columbia Int'l College	Hamilton	11
LI	XUANZE	Mentor College	Mississauga	11
LIANG	HAOCHEN	Kuper Academy	Kirkland	11
LINATHAN	JONATHAN	Sir John A. Macdonald S.S.	Waterloo	11
LIU	JIASHU	King's-Edgehill School	Windsor	11
LIU	JIAYUN	Bloor C.I.	Toronto	11

2018
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group IV/Groupe IV		Scores/Notes 133 - 132		
LIU	LEXUAN	Unionville H.S.	Markham	11
LIU	WARREN	White Oaks S.S.	Oakville	11
LO	ALSTON	Richmond Hill H.S.	Richmond Hill	11
LU	ERIC	R.A. McMath S.S.	Richmond	10
LUMSDEN	WILLIAM	Royal West Academy	Montreal-Ouest	11
LUO	DAVID	Old Scona Academic H.S.	Edmonton	11
LUO	ROYI	Richmond Hill H.S.	Richmond Hill	11
MARIN	ANDREW	University of Toronto Schools	Toronto	10
MEHDI	ADAM	Vincent Massey S.S.	Windsor	11
NAM	MATHEW	Bayview Glen School	Toronto	11
NEDIAK	ALEXANDER	Regiopolis-Notre Dame C.H.S.	Kingston	11
QIN	YINUO	Lower Canada College	Montreal	11
SONG	DANIEL	Westmount S.S.	Hamilton	11
SONG	YOUNGHYUN	Burnaby Mountain S.S.	Burnaby	11
STAADACKER	MARTIN	E.S. Etienne-Brule	North York	11
VIJAYARAJAN	RISHI SARAN	Moscrop S.S.	Burnaby	11
WANG	ANGELA	A.R. MacNeill S.S.	Richmond	11
WEI	ZIXIAN	Colonel Gray Sr. H.S	Charlottetown	11
WU	DAVID	London Central S.S.	London	11
WU	ZEYU	Eric Hamber S.S.	Vancouver	11
XU	EASON	Burnaby Mountain S.S.	Burnaby	11
YANG	YUSHENG	A.Y. Jackson S.S.	North York	11
YU	EVAN	Iroquois Ridge H.S.	Oakville	11
YUAN	ZHE	Vincent Massey S.S.	Windsor	11
ZAIDI	KAMRON	Richmond Hill H.S.	Richmond Hill	11
ZEQI	YU	Rockway Mennonite C.I.	Kitchener	11
ZHAN	LISA	Oakville Trafalgar H.S.	Oakville	11
ZHANG	CHRISTOPHER	Royal West Academy	Montreal-Ouest	11
ZHANG	JUNYI	St. Thomas Aquinas H.S.	North Vancouver	11
ZHAO	JIAYI	Port Moody Sr. S.S.	Port Moody	11
ZHAO	MINGJIE	Dover Bay S.S.	Nanaimo	11
ZHOU	ERIC	Burnaby Mountain S.S.	Burnaby	10
ZHU	JASMINE	Marc Garneau C.I.	North York	11

Group V/Groupe V		Scores/Notes 131 - 126		
AN	FIONA	Mother Teresa H.S.	Nepean	11
ATTALLA	MINA	Gleneagle S.S.	Coquitlam	11
BAI	XILIN	A.Y. Jackson S.S.	North York	11
BARON	ETHAN	University of Toronto Schools	Toronto	11
CAMINITI	JACQUELINE	St. Clement's School	Toronto	11
CHAU	BRIAN	Woburn C.I	Scarborough	10
CHAU	EUGENE	Steveston London S.S.	Richmond	11
CHEN	CATHERINE	J.N. Burnett S.S.	Richmond	11
CHEN	JASON	St. George's School	Vancouver	11
CHEN	JERRY	Vincent Massey S.S.	Windsor	11
CHEN	RICHARD	Westmount S.S.	Hamilton	11
CHIANG	JONATHAN	Academy for Gifted Children-PA	Richmond Hill	11
CHIU	JASON	John Diefenbaker H.S.	Calgary	11
CHOI	TAYLOR JIWON	St. Joseph's College School	Toronto	11
CHRISTOFFERSEN	NICHOLAS	Royal St. George's College	Toronto	11
CUI	ERIC	Burnaby North S.S.	Burnaby	10

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Group V/Groupe V		Scores/Notes 131 - 126		
DEE	XIE	Victoria Park C.I.	North York	11
DEL ROSARIO	ZAIRA	Semiahmoo S.S.	Surrey	11
DHAKAL	AVINAV	Burnaby South S.S.	Burnaby	11
DING	KAIWEN	Appleby College	Oakville	11
DING	OUSTAN	Bayview S.S.	Richmond Hill	11
DING	ZICHENG PETEF		Burnaby	11
DONG	ANDREW	Centennial C. and V.I.	Guelph	9
DONG	DONSON	University Transition Program	Vancouver	9
FAN	JEFFREY	Moscrop S.S.	Burnaby	11
FANG	JAMES	Elgin Park S.S.	Surrey	9
FANG	TYRONE	Terry Fox Secondary	Port Coquitlam	11
FEI	ANGELINA	Semiahmoo S.S.	Surrey	11
GAO	JINGYI	Pinetree S.S.	Coquitlam	11
GOEL	ARYAMAN	Thornhill S.S.	Thornhill	11
GREWAL	KAVPREET	L.A. Matheson S.S.	Surrey	11
GUO	ALEX	Oakridge S.S.	London	11
GUO	JASON	John Fraser S.S.	Mississauga	11
HAM	JUNG HO	Pacific Christian School	Victoria	11
HE	MICHAEL	Moscrop S.S.	Burnaby	11
HE	QI	Kuper Academy	Kirkland	11
HE	SCOTT	Mary Ward C.S.S	Scarborough	11
HE	TIANDING	Handsworth S.S.	North Vancouver	11
HIPKIN	DANIEL	Humberside C.I.	Toronto	10
HOLMSTROM	MARK	Old Scona Academic H.S.	Edmonton	11
HONG	FRANK	Marc Garneau C.I.	North York	11
HONG	JUN MIN	University Hill S.S.	Vancouver	11
HONG	KYLE	St. Ignatius Of Loyola H.S.	Oakville	11
HOTZ	JOEY	Northern S.S.	Toronto	11
HUANG	LEIXU	The Bishop Strachan School	Toronto	11
HUANG	MINGMEI	Earl Haig S.S.	North York	11
HUANG	OWEN	Marc Garneau C.I.	North York	11
HUANG	ZICHENG	A.Y. Jackson S.S.	North York	11
HUH	RAPHA	Burnaby Central S.S.	Burnaby	11
JI	XIN RAN	A.Y. Jackson S.S.	North York	11
JIANG	RIRI YOUHAN	Old Scona Academic H.S.	Edmonton	10
JIN	DANIEL	Marc Garneau C.I.	North York	11
JIN	HARRY	Oakville Trafalgar H.S.	Oakville	11
KANG	BOKYUNG	Glenlyon Norfolk School	Victoria	11
KANG	BRANDON	Burnaby South S.S.	Burnaby	11
KERN	DECKLYN	Strathcona H.S.	Edmonton	11
KIM	TONY	St. George's School	Vancouver	11
KOH	MIMI	Burnaby South S.S.	Burnaby	11
KONG	LINGYU	Thornhill S.S.	Thornhill	11
KONG	MARTIN	Abbey Park H.S.	Oakville	11
LEE	JEEHAN	R.E. Mountain S.S.	Langley	11
LEE	PADDY	Burnaby South S.S.	Burnaby	11
LI	AARON	Markville S.S.	Markham	11
LI	BONNIE	St. Robert C.H.S.	Thornhill	11
LI	BOXUN	Pierre Elliott Trudeau H.S.	Markham	11
LI	HAOXI	E.S. St. Luc	Montreal	11
LI	WAYNE	Thornhill S.S.	Thornhill	11
LIANG	JINGZHI	Marc Garneau C.I.	North York	11

2018
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V

Scores/Notes 131 - 126

LIAO	ALEXANDER	Waterloo C.I.	Waterloo	10
LIAO	DAVID YUN HAN	Semiahmoo S.S.	Surrey	10
LIAO	ISAAC	Earl Haig S.S.	North York	11
LIAO	SHUQI	Kuper Academy	Kirkland	11
LIN	FRANK	Southridge School	Surrey	11
LIN	PEIWEN	Middlefield C.I.	Markham	11
LIN	RAYMOND	University of Toronto Schools	Toronto	11
LIN	SAMANTHA		Ottawa	11
LIU	SHICHENG	Kuper Academy	Kirkland	11
LIU	YANBO	Pinetree S.S.	Coquitlam	11
LIU	YITENG	Earl of March S.S.	Kanata	11
LONG	YIWEN	Burnaby South S.S.	Burnaby	11
LOPEZ	ELIJAH	Robert Bateman H.S.	Burlington	11
LU	MICHAEL	Waterloo C.I.	Waterloo	11
LUCY	XU	St. Michael's Univ. School	Victoria	11
MA	JOEY	Pierre Elliott Trudeau H.S.	Markham	11
MENG	YICHEN		Vancouver	11
MILIJEVIC	NIKOLA		Ottawa	11
MING	GAN	Waterloo C.I.	Waterloo	11
MO	JIM	New Westminster S.S.	New Westminster	11
MOIDU	RAYHAN	Nepean H.S.	Ottawa	11
NAN	JEFFREY	Magee S.S.	Vancouver	11
NGO	FELICIA	College Jean de Brebeuf	Montreal	11
OUYANG	ZHENGMAO	Humberview S.S.	Bolton	11
PAN	YULU	Garth Webb S.S.	Oakville	11
PEI	MICKO	Dr. Norman Bethune C.I.	Scarborough	11
PHO	TIMOTHY	St. Francis Xavier S.S.	Mississauga	11
QIN	MEILIN	Pinetree S.S.	Coquitlam	11
QIN	WILLIAM	The Woodlands Sec. School	Mississauga	11
RAWLINGS	CONNOR	St. Joseph C.H.S.	Nepean	11
ROSHANKAR	AMIR	Victoria Park C.I.	North York	11
SHENG	HAOTIAN	Ridley College M.S.	St Catharines	11
SONG	GUANYU	Earl of March S.S.	Kanata	11
SU	ZHIHAO	Crescent School	North York	11
TAMBER	MANVEER	Chinguacousy S.S.	Brampton	11
TAN	YIREN	Western Canada H.S.	Calgary	11
TRAN	CALVIN	Westmount S.S.	Hamilton	11
WANG	GEORGE	St. Thomas More C.I.	Burnaby	10
WANG	HAIFAN	Silverthorn C.I.	Etobicoke	11
WANG	HAOYU	St. Thomas Aquinas H.S.	North Vancouver	11
WANG	MOYANG	Cardinal Carter Academy	North York	11
WANG	SHUSHAN	Sir Winston Churchill S.S.	Vancouver	11
WANG	YIHAN	Colonel Gray Sr. H.S	Charlottetown	11
WANG	YISHAO		Burnaby	11
WARIKOO	AYUSH	Iroquois Ridge H.S.	Oakville	11
WILSON	MATHEW	Kingston C.V.I.	Kingston	11
WU	BAI XI		Vancouver	11
WU	CATHERINE	Point Grey S.S.	Vancouver	10
WU	QISHEN	Langstaff S.S.	Richmond Hill	11
WUNG	LUCAS	Sir Winston Churchill H.S.	Calgary	11
XIA	RUIYUAN	Columbia Academy	Vancouver	11
XU	ALLEN	Marc Garneau C.I.	North York	11

2018
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V		Scores/Notes 131 - 126		
XU	KELLY	Elgin Park S.S.	Surrey	11
XU	SHIQI	Sutherland S.S.	North Vancouver	11
XU	VICKY	Earl Haig S.S.	North York	11
XUE	JASON	Holy Trinity School	Richmond Hill	11
YANG	BENJAMIN	St. Theresa of Lisieux C.H.S.	Richmond Hill	11
YANG	HANCHENG	Unionville H.S.	Markham	11
YANG	JAEHYEONG	Kelvin H.S.	Winnipeg	11
YANG	SHIWEN	Citadel H.S.	Halifax	11
YE	KEVIN	Burnaby North S.S.	Burnaby	11
YIN	PEIQI	Middlefield C.I.	Markham	11
YOU	JISANG	Mulgrave School	West Vancouver	11
YU	JAMES	University Transition Program	Vancouver	9
YU	MICHAEL	Pinetree S.S.	Coquitlam	11
YUAN	ANDREW	Marc Garneau C.I.	North York	11
ZHANG	AILEEN	Gleneagle S.S.	Coquitlam	11
ZHANG	HANYU	Lower Canada College	Montreal	11
ZHANG	JIAMU	Ridley College M.S.	St Catharines	11
ZHANG	LEO	Georges Vanier S.S.	North York	11
ZHAO	HARRY	Marc Garneau C.I.	North York	11
ZHAO	XUYANG	Bayview S.S.	Richmond Hill	11
ZHENG	JERRY	Moscrop S.S.	Burnaby	11
ZHONG	CASSIE	St. Margaret's School	Victoria	10
ZHONG	YINING	Bayview S.S.	Richmond Hill	11
ZHOU	RAYMOND	University of Toronto Schools	Toronto	11
ZHU	KEVIN	John Fraser S.S.	Mississauga	11
ZHU	TRACY	Bayview S.S.	Richmond Hill	11
ZONG	JINGHE	Kuper Academy	Kirkland	11
ZOU	SI YANG	Burnaby North S.S.	Burnaby	11

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Team Honour Rolls/Palmarès d'équipes
International

Rank/Rang	School/École	City/Ville	Score/Note
1	Math Trainers Guild of Philippines	Zamboanga City	412
2	Can Mesleki ve Teknik Anadolu Lisesi	Canakkale	408
2	Pui Ching M.S.	Kowloon City	408
4	St Joseph's Institution International	Singapore	407
5	H.S. Affiliated to Nanjing Normal Uni.	Nanjing Jiangsu	406
5	ICAE	Troy	406
7	Jinling-Hexi Campus	Nanjing	404
8	Izmir Fen Lisesi	Izmir	402
8	Okyanus Kolejleri	Istanbul	402
10	Shanghai Nanyang Model Private H.S.	Shanghai	400
11	British Columbia Academy	Nanjing	397
12	Beijing New Talent Academy	Beijing	391
13	Beijing Royal School	Beijing	386
13	Chengdu No 7 H. S. (Gaoxin Campus)	Chengdu	386
15	The Doon School	Dehradun	383
16	Canadian Int'l School of Hong Kong	Aberdeen	382
17	Daegu International School	Daegu	380
17	Munsang College	Kowloon City	380
17	Shenzhen Concord College of Sino-Canada	Nashan District Shenzhen	380
20	Tevitol H.S.	Gebze	376
21	Philippine Science High School	Quezon City	375
22	No. 2 H.S. att. to East China Normal Uni	Shanghai	374
22	QSI Int'l School of Shekou	Shekou	374
24	Insight Academy Canada - Suzhou	Suzhou	373
25	Bina Bangsa School	Jakarta	372
25	Guangdong Country Garden Sch.	Foshan City	372
25	St Josephs Institute Int'l School Malays	Petalang Jaya	372
28	Kang Chiao International School	Kunshan	371
29	IZMIR OZEL TURK FEN LISESI	IZMIR	370
30	Kaohsiung American School	Kaohsiung	366
30	Metu DF High School - Ankara	Ankara	366
30	Shenzhen Yaohua Experimental Sch.	Shenzhen	366
33	Int'l School of Geneva (S.S.)	Geneva	365
33	Ningbo Kent School	Ningbo Zhejiang	365
35	Cheongna Dalton School	Seo-gu Incheon	364
35	Concordia International School Hanoi	Hanoi	364
37	Sega Math Academy	Cupertino	362
38	Tarsus American College	Tarsus/Mersin	361
39	Ted Mersin College	Cesmeli	360
39	Tianjin Int'l. School	Tianjin	360
41	International School of Prague	Prague6	358
41	Urumqi Foreign Language School	Urumqi	358
43	Riga State Gymnasium No 1	Riga	356
43	Shanghai Shangde Exper. S. (Noble Academ	Shanghai	356
45	AISG American International School of	Guangzhou	355
45	Graceland Int'l School	Port Harcourt	355
47	Dwight School Seoul	Seoul	354
47	Shenzhen international foundation colleg	Shenzhen	354
47	Singapore National Academy	Sidoarjo	354
47	The ISF Academy	Pokfulam	354

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Name/Nom	School/École	Location/Endroit	Grade/Niveau
Group I/Groupe I			
Scores/Notes 150 - 143			
CAMUR	GORKEM	Can Mesleki ve Teknik Anadolu	Canakkale 11
DURUGOL	OMER FARUK	Private Technical Schools	Kocaeli 11
MAYER	MOSES	SIMETRI	Tangerang 11
THAVAMANI	CHITTESH	ICAE	Troy 12
TY	SEAN ANDERSON	Math Trainers Guild of Philipp	Zamboanga City 11
ZHAO	HANTIAN	Jinling-Hexi Campus	Nanjing 11

Group II/Groupe II			
Scores/Notes 142 - 135			
ADIGUZEL	ANIL BERKAY	Acar Kent Doga College	Beykoz 11
DING	TIANYAO	St Joseph's Institution Intern	Singapore 11
GIAM	DESMOND	Help University	Kuala Lumpur 11
JIN	JENNIFER	ICAE	Troy 11
KIM	YE GON	Shanghai American School (West	Shanghai 11
NG ZHI JIE	MARCUS	St Joseph's Institution Intern	Singapore 11
OOI	ZHE REN	Help University	Kuala Lumpur 11
SEW	QIAN HONG	Help University	Kuala Lumpur 11
SIQI	AN	Benxi NO.1 Middle School	Benxi 11
TAO	BELLE	Kang Chiao International Schoo	Kunshan 11
TONG	NICHOIAS	Shanghai Nanyang Model Private	Shanghai 11
TONG	NOK TO OMEGA	Pui Ching M.S.	Kowloon City 11
WANG	JIAQI	Beijing Royal School	Beijing 11
YUAN	GOURUYUE	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu 10
ZHOU	VINCENT	No. 2 H.S. att. to East China	Shanghai 11
ZHUANG	ZE	British Columbia Academy	Nanjing 11

Group III/Groupe III			
Scores/Notes 134 - 132			
ARORA	AJAY	ICAE	Troy 11
BALAS	OZAN	Izmir Fen Lisesi	Izmir 11
BELIKIRIK	HIBAGUL	Okyanus Kolejleri	Istanbul 11
BELIKIRIK	SENA NRU	Okyanus Kolejleri	Istanbul 11
BUYUKER	CEYDA	Izmir Fen Lisesi	Izmir 11
CAI	GUOSHENG	UWC Thailand International Sch	Thalang 11
CAI	ZHENCHUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu 10
CEVIK	EMRE	Okyanus Kolejleri	Istanbul 11
CHOW	YONG LAM	Help University	Kuala Lumpur 11
CUI	WENNONG	Shenzhen Yaohua Experimental S	Shenzhen 11
DUAN	JUNZE	Malvern College Chengdu	Chengdu 11
ERDEMLI	BERK	Okyanus Kolejleri	Istanbul 11
FANG	ZIAN	Insight Academy Canada - Suzho	Suzhou 10
GENCER	DAMLA	Okyanus Kolejleri	Istanbul 11
GULTEKIN	MELIS	Izmir Fen Lisesi	Izmir 11
HA	YUJIE	Beijing New Talent Academy	Beijing 11
HANCHEN	TAN	International School Erde	Ommen 11
HUANG	IAN	Kaohsiung American School	Kaohsiung 11
HUNDUR	BURAK	Okyanus Kolejleri	Istanbul 11
INCEGLU	ALP EREN	Private Bilfen Uskudar Science	Uskudar Istanbul 11
JIANG	HAOBO	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu 10

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Group III/Groupe III

Scores/Notes 134 - 132

JUNG	SEUNGHWAN	Shanghai American School (West	Shanghai	11
KIRALI	EDA	Okyanus Kolejleri	Istanbul	11
KOZLUCA	ALEYNA	Okyanus Kolejleri	Istanbul	11
LE	LAM	St Joseph's Institution Intern	Singapore	11
LEE	SEUNGHO	Gyeonggi Suwon Int'l Sch.	Suwon Gyeonggi-do	11
LIM	KAI ZHE	Help University	Kuala Lumpur	11
LIU	MARK	Shanghai Nanyang Model Private	Shanghai	11
MURALI	ANUSHA	Bishop Brady H.S.	Concord	11
NG	PLATO	Pui Ching M.S.	Kowloon City	11
NURHAN	AYSE ZEYNEP	Acar Kent Doga College	Beykoz	11
OGE	BEYZA	Izmir Fen Lisesi	Izmir	11
PARK	JONG YUP	Shanghai American School (West	Shanghai	11
PAYTONCU	DILARA	Okyanus Kolejleri	Istanbul	11
PHENCA	KENT STEVEN	Bina Bangsa School	Jakarta	11
REN	CHUQI	Shenzhen Concord College of Si	Nashan District Shen	11
SADRIALAMDARI	MOHAMMADYOSEF	Okyanus Kolejleri	Istanbul	11
SHI	SHUYI	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
TAM	CHI HANG	Pui Ching M.S.	Kowloon City	11
TIRYAKI	UNAL GUNES	Tevitol H.S.	Gebze	11
TORUN	CAN	Okyanus Kolejleri	Istanbul	11
UYGUR	MUSTAFA SAMET	Okyanus Kolejleri	Istanbul	11
UYSAL	EMIRHAN	Can Mesleki ve Teknik Anadolu	Canakkale	11
WANG	JESSE	Canadian Int'l School of Hong	Aberdeen	11
XI	YUWEI	Jinling-Hexi Campus	Nanjing	11
XIANG	JONATHAN	British Columbia Academy	Nanjing	11
YANG	QINING	Chengdu No 7 H. S. (Gaoxin Cam	Chengdu	10
YILMAZ	OMER YUSUF	Izmir Fen Lisesi	Izmir	11
YOON	JUNGHYUN	QSI Int'l School of Shekou	Shekou	11
YORGUN	TAHSIN	Okyanus Kolejleri	Istanbul	11
YOUNG	JAMES MATTHEW	Math Trainers Guild of Philipp	Zamboanga City	10
ZHANG	TIAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
ZHANG	ZIQI	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
ZHAO	FREDDIE	ICAE	Troy	11

Group IV/Groupe IV

Scores/Notes 131 - 126

AGRAWAL	ROHIN	The Doon School	Dehradun	11
AKCAM	BARIS	Eryaman Doga College	Ankara	11
BANSAL	KUSHAGRA	The Doon School	Dehradun	11
BUDIMAN	GEOFFREY	St Joseph's Institution Intern	Singapore	11
CAN	BERKE	Tarsus American College	Tarsus/Mersin	11
CHEN	AMY	British Columbia Academy	Nanjing	10
CHEN	XUANYUE	High School att'd to Northwest	Lanzhou	11
CHENG	CHI YIN	Pui Ching M.S.	Kowloon City	11
CHO	WONJUN	Concordia International School	Hanoi	11
DANIEL	MARK	St Joseph's Institution Intern	Singapore	11
DESHPANDE	ABHIMANYU	ICAE	Troy	11
DING	YANG	Chengdu No 7 H. S. (Gaoxin Cam	Chengdu	10
EBUTE	SAMUEL	Graceland Int'l School	Port Harcourt	11
FENG	YUMING	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
GEORGIEV	NIKOLA	International School of Prague	Prague6	11
GOGEREN	SUHA	Can Mesleki ve Teknik Anadolu	Canakkale	11

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Group IV/Groupe IV

Scores/Notes 131 - 126

GUI CHENG	TONG	St Josephs Institute Int'l Sch	Petaling Jaya	10
GUO	YIHONG	Oeiras International School	Lisboa	11
GURSUL	ARDA	Mektebim Cukurova Bilfen	Adana	11
HAN	YOOJIN	Daegu International School	Daegu	11
INCI	BURAK FATIH	Yalova Doga Anadolu Lisesi	Yalova	11
JI	ALEX	Shanghai Nanyang Model Private	Shanghai	11
JIN	XIANGYU	Ningbo Kent School	Ningbo Zhejiang	11
KANG	RINA	NIST International School	Bangkok	11
KIM	JU HYEONG	AISG American International	Guangzhou	11
KIM	MINSEOK	Daegu International School	Daegu	11
KIM	NABIN	Branksome Hall Asia	Seogwipo-si	11
KUE	AIMAN ANOREI	Math Trainers Guild of Philipp	Zamboanga City	9
LEE	KAI JUNU	Dwight School Seoul	Seoul	11
LEE	MINSUH	Cheongna Dalton School	Seo-gu Incheon	11
LI	MACKENZIE	Tianjin Int'l. School	Tianjin	11
LI	ZHENG	Clifford School	Guangzhou Guangdong	11
LIM	FEDRICK LANCE	Math Trainers Guild of Philipp	Zamboanga City	10
LO WAI SOON	THADDAEUS	St Josephs Institute Int'l Sch	Petaling Jaya	10
MONTANEZ	MARJANA	Philippine Science High School	Quezon City	10
NALBANTOGLU	EKIN	IZMIR OZEL TURK FEN LISESI	IZMIR	11
ONAL	EMRE	Int'l School of Geneva (S.S.)	Geneva	11
OZGURTAS	EGE	Private Bilfen Cayyolu Anatoli	Ankara	11
OZTURK	KEREM SERDAR	Tevitol H.S.	Gebze	11
PARK	KYUNGBIN	Shanghai American School (West	Shanghai	11
PARK	YERI	Shanghai American School (West	Shanghai	11
QI U	SIYUA N	Tsinghua University High Schoo	Beijing	11
QIN	XIANGYU	K. International School Tokyo	Tokyo	11
SAHIN	DILARA	Okyanus Kolejleri	Istanbul	11
SANTOS	CYD NICOLAS	Philippine Science High School	Quezon City	9
SECMEN	CENK YAKUP	Acar Kent Doga College	Beykoz	11
SENGUL	SERRA	Acar Kent Doga College	Beykoz	11
SINGHANIA	SIDDHANT	The Doon School	Dehradun	11
SOO	HAU YIN	Munsang College	Kowloon City	11
SU	XING	Guangdong Country Garden Sch.	Foshan City	11
SUN	YUCHENG	Jinling-Hexi Campus	Nanjing	11
SURJA	VINCENT	Singapore National Academy	Sidoarjo	11
TAN	KENNETH	Sega Math Academy	Cupertino	11
TARHAN	PELIN	Metu DF High School - Ankara	Ankara	11
TSE	ALVIN	Canadian Int'l School of Hong	Aberdeen	11
TU	YIFAN	The ISF Academy	Pokfulam	11
TY	STEPHEN JAMES	Math Trainers Guild of Philipp	Zamboanga City	9
VU	VIET		Ho Chi Minh City	11
WANG	KEXIN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
WANG	PENGXIAO	Church Farm School	Exton	11
WANG	PETER	Shanghai Nanyang Model Private	Shanghai	11
WANG	QI	Beijing Royal School	Beijing	11
WANG	XUEYI	The High School of Henan Norma	Xinxiang	11
WANG	YIZHI	Xiamen Yingcai School	Xiamen	11
WEI	QIMING	Shenzhen Concord College of Si	Nashan District Shen	11
WEI	RUIDI	British Columbia Academy	Nanjing	11
WU	WO	Jinling-Hexi Campus	Nanjing	10
WZDJAJA	JAMES HARZAD	Bina Bangsa School	Jakarta	11

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Group IV/Groupe IV

Scores/Notes 131 - 126

XIE	TIANXIAO	Chengdu No 7 H. S. (Gaoxin Cam	Chengdu	10
XU	BOHAN	Beijing New Talent Academy	Beijing	11
YAN	ZELOG	Guangdong Country Garden Sch.	Foshan City	11
YANG	YUKUN	Jinling-Hexi Campus	Nanjing	11
YERLIKAYA	HALIL	IZMIR OZEL TURK FEN LISESI	IZMIR	11
YIN	YUMIN	Church Farm School	Exton	11
YU	HA NEUL	Branksome Hall Asia	Seogwipo-si	11
ZHANG	HONGYU	Beijing New Talent Academy	Beijing	11
ZHANG	RUOYANG	Jinling-Hexi Campus	Nanjing	11
ZHANG	YUGUAN	Urumqi Foreign Language School	Urumqi	11
ZHIZHONG	PU	UWC Thailand International Sch	Thalang	11
ZHONG	HONGJIE	Shenzhen international foundat	Shenzhen	11
ZHU	ZHIYUAN	Insight Academy Canada - Suzho	Suzhou	11

Group V/Groupe V

Scores/Notes 125 - 120

ACIKALIN	EFTELYA	Ted Mersin College	Cesmeli	11
ALGENIO	SOPHIA ISABEI	Math Trainers Guild of Philipp	Zamboanga City	9
ATA	CAGLA IDIL	Metu DF High School - Ankara	Ankara	11
ATES	EMRE	Yalova Doga Anadolu Lisesi	Yalova	11
AYALDE	MARC JOSHUA	Math Trainers Guild of Philipp	Zamboanga City	10
BIBI	ALEENA	Caritas Tuen Mun Marden Founda	Hong Kong	11
CHAN	CHUN HEI	Munsang College	Kowloon City	11
CHEN	HONGYU	Shenzhen Concord College of Si	Nashan District Shen	11
CHEN	KETING	Chengdu No 7 H. S. (Gaoxin Cam	Chengdu	10
CHO FUNG	LEUN	Pui Ching M.S.	Kowloon City	11
CHONG	YI CHEN	Shanghai American School (West	Shanghai	11
CHUNG	WONJUG	QSI Int'l School of Shekou	Shekou	11
CRUZ	MADELYN	Math Trainers Guild of Philipp	Zamboanga City	11
CRUZ	MARGARET	Math Trainers Guild of Philipp	Zamboanga City	11
DEHBOKRI	AMIN	New English School	Hawally	11
DEMIRSOY	NAZ	Ted Mersin College	Cesmeli	11
DESAI	MEERA	Sega Math Academy	Cupertino	11
DILEK	EREN	Ozel Cekirge Doga Anadolu Lise	Bursa	11
DING	HANZHI	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
DING	YI XIN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
DOGAN	MELISA	Ted Mersin College	Cesmeli	11
EDIZ	TUNA	Antalya Sinav College	Antalya	11
EIK	ALBXANDER	St Joseph's Institution Intern	Singapore	11
ERCI	BERRU	Ted Mersin College	Cesmeli	11
FOO	PEACE	St Josephs Institute Int'l Sch	Petalang Jaya	11
GAO	JING	Shenzhen Concord College of Si	Nashan District Shen	11
GOHER	BORAN	Ted Mersin College	Cesmeli	11
HAN	JERRY	Shanghai Nanyang Model Private	Shanghai	11
HE	QIANRUI	Guangdong Country Garden Sch.	Foshan City	11
HO	KAI CHUNG	Munsang College	Kowloon City	11
HONG	SEOKHYEON	King's Academy	Madaba	10
HSIAO	SAMUEL	Kaohsiung American School	Kaohsiung	11
HUANG	TOM	Shanghai Nanyang Model Private	Shanghai	11
HUEN TUNG JANICE	CHEUNG	Pui Ching M.S.	Kowloon City	11
HUO	JIAYI	Beijing New Talent Academy	Beijing	11
HURATGUL	AYTEN HULYA	Okyanus Kolejleri	Istanbul	11

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Group V/Groupe V

Scores/Notes 125 - 120

HYEON WOO	PARK	Canadian Int'l School - Vietna	Ho Chi Minh City	11
ILDAY	AYTUG	TVO Ozel Sisli Terakki Tepeore	Istanbul	11
JEONG	JULIA	PEN Education	Old Tappan	11
JIANG	BOBBY	Shanghai Nanyang Model Private	Shanghai	11
JING	YUBO	Shenzhen Concord College of Si	Nashan District Shen	11
KALFALI	FUAT	Antalya Sinav College	Antalya	11
KARAOGLAN	KUTAY	Bilfen Antalya High School	Antalya	11
KATIRCI	CANSU	Ted Mersin College	Cesmeli	11
KIM	MINJUNG	Cheongna Dalton School	Seo-gu Incheon	11
KIM	SIWOO	QSI Int'l School of Shekou	Shekou	11
KIM	YOONTAE	Myanmar Inter'l School	Yangon	9
KORKUT	MERT	Ted Mersin College	Cesmeli	11
KURASS	STANISLAVS	Riga State Gymnasium No 1	Riga	11
LAMBA	ABHIRAJ	The Doon School	Dehradun	11
LEE	WON SEOK	Shanghai American School (West	Shanghai	11
LI	CHENXI	Shenzhen Concord College of Si	Nashan District Shen	11
LI	SALLY	Tangshan No. 1 H.S.	Tangshan	11
LI	ZIHAO	Int'l Comm. School Addis	Addis Ababa	11
LIN	ALEXANDER	Shanghai American School (West	Shanghai	11
LINGYUAN	WEI	Beijing Concord College of Sin	Beijing	11
LITAROWICZ	JEREMI	Int'l School of Geneva (S.S.)	Geneva	11
LIU	AUSTIN	Shanghai American School (West	Shanghai	11
LIU	SHUANGBO	Lanzhou Oriental Canada S.S.	Lanzhou	11
LUN	YUN	No. 2 H.S. att. to East China	Shanghai	11
MARQUEZ	JOHN HENRY	Philippine Science High School	Quezon City	10
MOON	SOYOON	Branksome Hall Asia	Seogwipo-si	10
MU	YUFAN	The Second Foreign Language Sc	Shanghai	11
ONAL	ALPEREN	Antalya Bilim Doga Okullari	Muratpasa	11
ONBASI	LARA	Metu DF High School - Ankara	Ankara	11
OZEL	DENIZ	Private Bilfen Uskudar Science	Uskudar Istanbul	11
OZER	SENER	Bilkent Lab and Int'l School	Ankara	11
PARK	JOONBUM	Shanghai American School (West	Shanghai	11
PARK	YEONGYU	Daegu International School	Daegu	11
PASCUA	FRANCIS	Philippine Science High School	Quezon City	11
PENG	YULU	Shenzhen Concord College of Si	Nashan District Shen	11
POON	KA SUI	Creative S.S.	Hong Kong	11
RAJESH	ADITHYA	Indian School Al Ghubra	Muscat Sultanate of	11
RAPHAEL WALTER CHOW	LONG CHUNG	Pui Ching M.S.	Kowloon City	11
ROQUE	KARL RAYMOND	Philippine Science High School	Quezon City	10
RUAN	YICHENG	UWC Thailand International Sch	Thalang	11
SHEN	TIANYI	Jinling-Hexi Campus	Nanjing	10
SHENG	CHUYU	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
SHI	XIAOTONG	Shenzhen Concord College of Si	Nashan District Shen	11
SILVERIO	ANDREI	Philippine Science High School	Quezon City	9
TERZIOGLU	GULFEM	Okyanus Kolejleri	Istanbul	11
TIAN	KE XIN	Boren Sino-Canadian School	Jiangmen Guangdong	11
TOPACIO	PAUL SAMSON	Math Trainers Guild of Philipp	Zamboanga City	9
TROPICALES	BERT JOSEPH	Philippine Science High School	Quezon City	10
TSANG	ARTHUR	Canadian Int'l School of Hong	Aberdeen	11
TURKMEN	CEREN	Yalova Doga Anadolu Lisesi	Yalova	11
URAL	MEHMET	Ted Mersin College	Cesmeli	11
VALNERE	ANETE	Riga State Gymnasium No 1	Riga	11

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Group V/Groupe V		Scores/Notes 125 - 120		
WAN	KA HO	Munsang College	Kowloon City	11
WANG	JINGXUAN	Jinling-Hexi Campus	Nanjing	11
WANG	SHUTING	Urumqi Foreign Language School	Urumqi	11
WEN	ZHIBIN	Shanghai Shangde Exper. S. (No	Shanghai	11
WEN	ZHIXING	Shenzhen Yaohua Experimental S	Shenzhen	11
WONG	FAI YU	Yew Chung Int'l School	Kowloon	11
WU	SONGLIN	AISG American International	Guangzhou	11
XU	ERIC	Shanghai Nanyang Model Private	Shanghai	11
YAGUI KEITHLYN	JOY MENOR	Caritas Tuen Mun Marden Founda	Hong Kong	11
YAN	SEAN	Shanghai Nanyang Model Private	Shanghai	11
YANG	HAOYU	Jinling-Hexi Campus	Nanjing	10
YAYCI	ALSU FATMA	Okyanus Kolejleri	Istanbul	11
YI KING	NG	Pui Ching M.S.	Kowloon City	11
YIGITBASI	MERT	Tarsus American College	Tarsus/Mersin	11
YILDIZ	KADRI EMRE	Ted Bodrum College	Mugla	11
YIN	HAOYANG	Chengdu No 7 H. S. (Gaoxin Cam	Chengdu	10
YIP	CHEUK WING	Pui Ching M.S.	Kowloon City	11
YOU	SHUAI	International School of Macao	Taipa	11
YU	ZHIEN	Beijing Royal School	Beijing	11
YUAN	QIN	Beijing Concord College of Sin	Beijing	11
YUK YING APRIL	CHENG	Pui Ching M.S.	Kowloon City	11
ZHANG	EVEN	Shanghai Nanyang Model Private	Shanghai	11
ZHANG	XINTONG	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
ZHENG	JENNY	Shanghai Nanyang Model Private	Shanghai	11
ZHENG	QI	FMV Ozel Ayazaga Isik Lisesi	Istanbul	11
ZHOU	YOU	Guangdong Country Garden Sch.	Foshan City	11
ZHOU	ZETONG	Chengdu No 7 H. S. (Gaoxin Cam	Chengdu	10
ZHU	OLIVIA	Kang Chiao International Schoo	Kunshan	11