



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et en INFORMATIQUE

www.cemc.uwaterloo.ca

2022
Results

2022
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	Carrie Knoll
Jeff Anderson	Wesley Korir
Terry Bae	Judith Koeller
Jacqueline Bailey	Laura Kreuzer
Shane Bauman	Bev Marshman
Ersal Cahit	Josh McDonald
Diana Castañeda Santos	Paul McGrath
Sarah Chan	Comfort Mintah
Ashely Congi	Jen Nelson
Serge D'Alessio	Ian Payne
Fiona Dunbar	J.P. Pretti
Mike Eden	Alexandra Rideout
Sandy Emms	Nick Rollick
Barry Ferguson	Kim Schnarr
Steve Furino	Tucker Seabrook
Lucie Galinon	Ashley Sorensen
Robert Garbary	Ian VanderBurgh
Rob Gleeson	Troy Vasiga
Sandy Graham	Christine Vender
Conrad Hewitt	Heather Vo
Lisa Kabesh	Bonnie Yi
Jenn Kelebuda	

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

Aaron Warner (Chair / présidente), St. Mildred's-Lightbourn School, Oakville, ON
Mike Cavers, University of Toronto, Toronto, ON
Melissa Hesch, St. Mary's H.S., Kitchener, ON
Rachel Iacobucci, White Oaks S.S., Oakville, ON
Hwie Lie Johns, Sutherland S.S., North Vancouver, BC
Peter O'Hara, London, ON
J.P. Pretti, University of Waterloo, Waterloo, ON
Paule Rodrigue, Franco-Cité, Ottawa, ON
Anna Spanik, Halifax, NS

Cayley Contest / Concours Cayley

Jen Nelson (Chair / présidente), University of Waterloo, Waterloo, ON
Priscilla Bengo, Don Mills C.I., Toronto, ON
Rich Dlin, Toronto, ON
Barry Ferguson, Waterloo, ON
Carley Funk, Waterloo C.I., Waterloo, ON
Ty Ghaswala, Université du Québec à Montréal, Montreal, QC
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, Waterloo, ON

Fermat Contest / Concours Fermat

Mike Eden (Chair / président), University of Waterloo, Waterloo, ON
Sandra DellaMaestra, University of Toronto Schools, Toronto, ON
Melissa Giardina, Christ the King C.S.S., Georgetown, ON
Conrad Hewitt, University of Waterloo, Waterloo, ON
John Irving, St. Mary's University, Halifax, ON
Steve Lau, Tara, ON
Carol Miron, North Toronto C.I., Toronto, 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 great successes, with averages of 87.55, 90.17 and 87.72 across the three Contests. The number of eligible contestants with perfect papers on the three Contests were 23, 5 and 9. The 2022 PCF Contests were also the first with the new format in Part C; we were quite happy with the new format and the resulting outcomes.

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. Teachers deserve extra appreciation for coordinating students both in their schools and writing remotely – no easy task! Despite the circumstances, 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 87,55, 90,17 et 87,72 à travers les trois Concours. Le nombre de candidats éligibles possédant un concours parfait était de 23, 5 et 9. Les concours PCF 2022 ont aussi été les premiers avec le nouveau format de la partie C. Nous sommes très satisfait(e)s du nouveau format et des résultats obtenus.

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. Les enseignantes et les enseignants méritent une reconnaissance particulière pour avoir coordonné les élèves à la fois dans leurs écoles et à distance – ce qui n'est pas une tâche facile ! Malgré les circonstances, nous espérons que ces concours ont fourni des mathématiques intéressantes qui vous ont amusés et poussés à réfléchir. Merci pour votre soutien continué!

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

	Pascal	Cayley	Fermat
AB	86	46	45
BC	197	205	198
MB	43	41	41
NB	26	26	26
NL	11	14	13
NS	22	22	20
NT	1	1	1
NU	1	1	0
ON	591	560	568
PE	6	4	4
QC	77	68	69
SK	13	14	13
YT	1	2	2
International	303	325	326
Total	1378	1329	1326

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

	Pascal	Cayley	Fermat
AB	2221	574	471
BC	3456	2820	2238
MB	825	556	568
NB	369	257	192
NL	157	163	98
NS	467	407	246
NT	8	12	8
NU	2	1	0
ON	7503	5870	5642
PE	151	41	32
QC	1510	1390	1225
SK	201	148	80
YT	3	6	9
International	5563	5654	4441
Total	22436	17899	15250

Total number of students enrolled / Nombre d'inscriptions individuelles: 55585

**2022 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2022**

PASCAL CONTEST / CONCOURS PASCAL

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
CHRISTOPHER CALKOWSKI		Brampton, ON
CAEL FONG		Vancouver, BC
ARVIN HORMATI	Laureates Academy for Gifted Students	Richmond Hill, ON
NICK KAMALI	Laureates Academy for Gifted Students	Richmond Hill, ON
ISAAC LAU	Stouffville D.H.S.	Stouffville, ON
SEAN LEE	St. Michael's Choir School	Toronto, ON
TRACY LI		SASKATOON, SK
KATIE MA	The Woodlands Sec. School	Mississauga, ON
ARAF RESHAD	Marc Garneau C.I.	North York, ON
KRISHIV SHAH	Father Michael McGivney C.H.S.	Markham, ON
STEVEN SHANG		Kitchener, ON
ANDY WANG	Queen Elizabeth H.S.	Calgary, AB
JERRY WONG		Vancouver, BC
TINA ZOU	Pythagoras Academy	Richmond, BC

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	Laureates Academy for Gifted Students	Richmond Hill	440
Second / Deuxième	Marc Garneau C.I.	North York	434
Third / Troisième	University of Toronto Schools	Toronto	432
Fourth / Quatrième	Queen Elizabeth H.S.	Calgary	430
	The Woodlands Sec. School	Mississauga	430
	William Lyon Mackenzie C.I.	North York	430

**2022 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2022**

CAYLEY CONTEST / CONCOURS CAYLEY

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
DANIEL ALP	St. Theresa of Lisieux C.H.S.	Richmond Hill, ON
VICKIE CHEN	Merivale H.S.	Nepean, ON
CAROLINE CHENG	Marc Garneau C.I.	North York, ON
ANDERSON GAO	West Point Grey Academy	Vancouver, BC
TOM PHILIP	William Lyon Mackenzie C.I.	North York, ON
ZHI QUAN WANG	Western Canada H.S.	Calgary, AB
CAROL WU	Port Moody Sr. S.S.	Port Moody, BC
MELODY WU	Richmond S.S.	Richmond, BC
JINGZHI XIE	Maxfield Academy	Whitchurch-Stouffville, ON
RUOJIN XIE	Abbey Park H.S.	Oakville, ON
YI YU		Richmond, BC

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	Marc Garneau C.I.	North York	422
Second / Deuxième	Mulgrave School	West Vancouver	420
	William Lyon Mackenzie C.I.	North York	420
Fourth / Quatrième	St. Theresa of Lisieux C.H.S.	Richmond Hill	418
	University of Toronto Schools	Toronto	418

**2022 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2022**

FERMAT CONTEST / CONCOURS FERMAT

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
JASMINE CHEN	Trinity College School	Port Hope, ON
JACOBO DE JUAN MILLN	Lakefield College School	Lakefield, ON
EMIL WANG		Unionville, ON
JONATHAN WU	Marc Garneau C.I.	North York, ON
HAOZHE YANG	Walter Murray C.I.	Saskatoon, SK
PENGJIN YANG	Lord Byng S.S.	Vancouver, BC

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	Upper Canada College (Upper School)	Toronto	426
Second / Deuxième	Marc Garneau C.I.	North York	423
Third / Troisième	Walter Murray C.I.	Saskatoon	422
Fourth / Quatrième	Lord Byng S.S.	Vancouver	420
Fifth / Cinquième	St. Andrew's College	Aurora	418
	St. George's School	Vancouver	418

**2022 FERMAT CONTEST REGIONAL CHAMPIONS
CHAMPIONS RÉGIONAUX AU CONCOURS FERMAT 2022**

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	KHARIS CHANG	Western Canada H.S.	Calgary
BC	PENGJIN YANG	Lord Byng S.S.	Vancouver
MB	YUNTONG TANG	Balmoral Hall School	Winnipeg
NB	YOUYI YAN	Leo Hayes H.S.	Fredericton
NL	ELENA VELICHKOVA	Gonzaga H.S.	St Johns
NT	SOPHIE MAHON	Ecole Sir John Franklin H.S.	Yellowknife
NS	JIAQI LIU	Halifax Grammar School	Halifax
ON North	ADAM HERZENBERG	Barrie North C.I.	Barrie
ON East	JASMINE CHEN	Trinity College School	Port Hope
ON East	JACOBO DE JUAN MILLN	Lakefield College School	Lakefield
ON Metro	JONATHAN WU	Marc Garneau C.I.	North York
ON Central	EMIL WANG		Unionville
ON West	EVAN LU	Vincent Massey S.S.	Windsor
PE	JACOB DALTON	Charlottetown Rural H.S.	Charlottetown
QC	YIZHOU WANG	College Jean de Brebeuf	Montreal
SK	HAOZHE YANG	Walter Murray C.I.	Saskatoon
YT	KEVIN XIN	F.H. Collins School	Whitehorse

#	Pascal	Cayley	Fermat
1	D	B	C
2	B	D	E
3	E	D	C
4	B	A	C
5	A	E	E
6	C	A	D
7	E	D	B
8	D	E	A
9	E	A	D
10	C	D	D
11	C	C	B
12	C	E	C
13	D	E	E
14	B	A	D
15	A	C	B
16	C	C	A
17	C	D	A
18	E	E	D
19	E	A	A
20	D	C	E
21	64	82	19
22	52	40	67
23	40	78	07
24	30	67	71
25	19	09	73

Number of Contestants / Nombre de concurrents: 18415

Average mark / Note moyenne: 87.55

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	0.31	0.13	0.50	91.29	7.10	0.67	91.91
2	B	0.52	97.70	0.76	0.08	0.23	0.71	98.40
3	E	0.52	5.85	0.21	1.32	91.01	1.09	92.01
4	B	1.91	96.30	0.35	0.51	0.14	0.79	97.07
5	A	86.69	2.42	1.30	2.15	2.65	4.80	91.06
6	C	1.34	2.11	91.11	3.48	0.61	1.35	92.36
7	E	7.65	15.67	3.03	1.85	68.14	3.67	70.74
8	D	1.53	2.79	4.48	86.01	2.85	2.34	88.07
9	E	3.06	2.54	8.09	7.99	63.62	14.70	74.58
10	C	2.44	1.63	67.37	18.19	8.13	2.24	68.91
11	C	29.34	3.91	54.42	1.30	5.32	5.72	57.72
12	C	7.33	16.44	55.96	4.54	2.62	13.13	64.42
13	D	0.57	8.13	6.37	78.91	2.99	3.02	81.37
14	B	3.82	90.11	2.74	0.98	0.85	1.50	91.48
15	A	46.18	7.12	11.92	18.52	4.81	11.45	52.15
16	C	8.29	5.03	62.74	4.59	13.52	5.83	66.62
17	C	1.49	3.61	71.66	8.26	4.28	10.72	80.26
18	E	15.02	13.77	5.85	4.47	30.46	30.43	43.78
19	E	12.26	10.40	3.70	14.77	43.05	15.81	51.13
20	D	13.75	6.24	7.64	19.36	7.06	45.94	35.81

Most common answers with percentages / Les réponses les plus fréquentes avec leur pourcentage:

#	Correct Answer/ Bonne Réponse	Answer (Percentage)/ Réponse (Pourcentage)					% not attempted/ % sans réponse	% correct of attempted % tentatives réussies
		1st/1er	2nd/2e	3rd/3e	4th/4e	5th/5e		
21	64	64 (17.31)	16 (13.64)	32 (6.52)	48 (6.19)	63 (6.07)	22.12	21.94
22	52	52 (9.80)	16 (3.71)	12 (3.59)	00 (2.37)	10 (2.14)	51.50	20.21
23	40	40 (11.57)	60 (3.47)	72 (3.02)	36 (2.03)	75 (1.56)	58.74	28.04
24	30	30 (2.38)	07 (1.91)	01 (1.55)	09 (1.29)	03 (1.22)	67.36	7.29
25	19	19 (1.76)	20 (1.45)	10 (1.30)	05 (0.92)	08 (0.84)	74.76	6.97

Number of Contestants / Nombre de concurrents: 14520

Average mark / Note moyenne: 90.17

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	0.43	97.19	0.26	0.03	1.28	0.80	97.97
2	D	0.19	1.16	0.48	95.88	1.09	1.21	97.05
3	D	0.33	3.14	1.02	90.26	4.12	1.12	91.28
4	A	91.69	0.76	0.61	4.74	1.24	0.96	92.58
5	E	0.27	0.05	0.55	0.17	97.91	1.05	98.95
6	A	82.48	7.08	2.56	1.38	4.89	1.62	83.84
7	D	0.89	1.11	3.35	90.30	1.93	2.42	92.54
8	E	3.34	4.11	2.41	12.80	72.09	5.25	76.08
9	A	83.12	4.15	2.46	3.29	2.39	4.60	87.13
10	D	3.54	8.50	12.00	68.14	1.92	5.90	72.41
11	C	1.81	6.51	88.57	0.65	0.19	2.26	90.62
12	E	4.10	4.47	3.27	6.69	77.50	3.98	80.71
13	E	9.97	5.71	0.97	1.53	78.24	3.58	81.14
14	A	28.33	12.79	16.12	6.80	3.38	32.57	42.01
15	C	1.08	2.48	79.55	8.09	2.66	6.13	84.74
16	C	10.90	18.00	47.93	4.83	5.47	12.88	55.02
17	D	6.54	11.12	13.96	42.23	17.82	8.34	46.07
18	E	5.85	7.24	5.53	5.79	53.67	21.92	68.74
19	A	21.66	15.54	7.47	10.85	4.71	39.76	35.96
20	C	3.51	9.84	17.72	6.47	8.68	53.77	38.33

Most common answers with percentages / Les réponses les plus fréquentes avec leur pourcentage:

#	Correct Answer/ Bonne Réponse	Answer (Percentage)/ Réponse (Pourcentage)					% not attempted/ % sans réponse	% correct of attempted % tentatives réussies
		1st/1er	2nd/2e	3rd/3e	4th/4e	5th/5e		
21	82	82 (30.87)	72 (1.03)	81 (0.94)	49 (0.92)	80 (0.76)	49.97	61.70
22	40	40 (17.81)	60 (4.73)	72 (3.84)	36 (3.28)	75 (1.51)	55.46	39.99
23	78	78 (3.66)	70 (2.28)	81 (1.45)	65 (1.42)	01 (0.84)	58.74	8.87
24	67	99 (1.74)	67 (0.96)	08 (0.86)	09 (0.82)	06 (0.69)	81.36	5.16
25	09	37 (1.86)	02 (0.80)	09 (0.74)	36 (0.73)	03 (0.66)	83.42	4.46

Number of Contestants / Nombre de concurrents: 12355

Average mark / Note moyenne: 87.72

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	C	0.58	0.22	97.68	0.22	0.36	0.94	98.61
2	E	0.61	0.61	1.41	0.56	95.52	1.30	96.78
3	C	5.88	0.92	81.63	2.41	7.77	1.39	82.78
4	C	1.50	2.73	83.88	4.39	4.54	2.96	86.44
5	E	0.77	0.70	5.96	0.99	88.90	2.68	91.35
6	D	2.33	1.56	0.97	88.83	2.59	3.72	92.26
7	B	0.37	94.60	1.00	1.78	0.92	1.33	95.88
8	A	89.36	1.20	2.82	1.01	0.89	4.72	93.79
9	D	0.88	0.76	1.30	92.21	2.38	2.47	94.55
10	D	1.99	4.86	6.50	54.25	7.74	24.67	72.02
11	B	2.33	93.09	1.74	1.06	0.44	1.35	94.36
12	C	1.92	7.69	79.57	8.05	1.01	1.76	81.00
13	E	3.53	25.20	1.64	2.33	63.63	3.68	66.06
14	D	5.26	10.14	11.42	48.36	16.77	8.04	52.59
15	B	3.67	64.24	3.34	6.53	5.85	16.37	76.81
16	A	23.01	7.48	21.45	13.29	15.60	19.17	28.47
17	A	39.99	14.33	6.70	5.21	2.22	31.56	58.43
18	D	6.69	9.49	7.33	45.65	3.66	27.18	62.69
19	A	35.95	4.69	17.08	3.84	7.51	30.93	52.05
20	E	5.00	6.88	8.62	7.13	16.55	55.82	37.46

Most common answers with percentages / Les réponses les plus fréquentes avec leur pourcentage:

#	Correct Answer/ Bonne Réponse	Answer (Percentage)/ Réponse (Pourcentage)					% not attempted/ % sans réponse	% correct of attempted % tentatives réussies
		1st/1er	2nd/2e	3rd/3e	4th/4e	5th/5e		
21	19	19 (10.87)	10 (6.29)	09 (2.83)	07 (2.31)	05 (1.97)	46.31	20.25
22	67	67 (11.76)	70 (6.04)	20 (3.93)	80 (2.03)	50 (1.76)	57.94	27.96
23	07	07 (3.46)	01 (1.82)	06 (1.68)	14 (1.58)	08 (1.57)	73.33	12.97
24	71	71 (12.92)	10 (5.17)	47 (4.75)	23 (4.42)	24 (4.25)	86.18	93.49
25	73	05 (1.18)	08 (0.93)	09 (0.83)	15 (0.79)	12 (0.78)	79.37	1.94

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	5247	4947	3166
149				98	5481	5110	3346
148				97	5808	5434	3607
147				96	6089	5634	3792
146				95	6394	5952	4040
145	24			94	6725	6227	4271
144	26	6	10	93	7032	6582	4543
143				92	7372	6801	4805
142	62	21	14	91	7696	7080	5069
141	105			90	7981	7341	5288
140	106		39	89	8299	7636	5560
139	111	39	40	88	8651	7929	5890
138	115	40	42	87	8953	8191	6128
137	180		83	86	9310	8436	6385
136	184	103	88	85	9646	8677	6607
135				84	9913	8944	6834
134	266	151	116	83	10198	9219	7117
133	318	193	140	82	10521	9474	7415
132	329	196	142	81	10808	9683	7635
131	403	250	176	80	11121	9894	7858
130	414	257	181	79	11412	10122	8050
129	512	338	237	78	11665	10328	8244
128	522	348	242	77	11951	10543	8509
127	634	471	279	76	12218	10737	8752
126	653	482	285	75	12483	10907	8921
125	775	621	350	74	12773	11078	9117
124	799	634	368	73	12993	11244	9301
123	923	746	446	72	13247	11412	9490
122	947	763	450	71	13504	11572	9684
121	1082	941	555	70	13729	11703	9813
120	1126	961	572	69	13968	11845	9953
119	1299	1129	695	68	14189	11992	10089
118	1344	1152	710	67	14375	12139	10232
117	1529	1348	823	66	14555	12279	10381
116	1586	1381	841	65	14721	12392	10493
115	1783	1607	958	64	14873	12482	10580
114	1842	1646	981	63	15092	12610	10701
113	2064	1902	1120	62	15260	12710	10805
112	2146	1944	1149	61	15436	12794	10905
111	2422	2259	1320	60	15584	12858	10987
110	2521	2323	1376	59	15706	12919	11043
109	2769	2605	1559	58	15842	13026	11110
108	2907	2681	1614	57	15974	13099	11188
107	3228	3046	1830	56	16098	13166	11266
106	3376	3148	1889	55	16187	13240	11311
105	3666	3451	2115	54	16268	13293	11363
104	3849	3557	2203	53	16372	13350	11408
103	4136	3882	2438	52	16488	13411	11466
102	4356	4034	2550	51	16584	13468	11528
101	4673	4419	2805	50	16674	13507	11565
100	4922	4586	2942	49	16726	13553	11596

Score/ Note	Pascal Rank/ Position	Cayley Rank/ Position	Fermat Rank/ Position
48	16793	13579	11620
47	16886	13624	11655
46	16972	13671	11690
45	17028	13713	11709
44	17079	13734	11732
43	17120	13749	11746
42	17166	13779	11765
41	17212	13801	11793
40	17255	13810	11809
39	17292	13821	11816
38	17311	13828	11826
37	17339	13842	11834
36	17367	13862	11848
35	17396	13879	11859
34	17408	13888	11868
33	17421	13892	11875
32	17439	13900	11882
31	17460	13909	11892
30	17478	13920	11900
29	17490	13931	11905
28	17493	13934	11906
27	17504	13941	11908
26	17510	13951	11911
25	17522	13964	11918
24			11925
23	17527	13972	
22	17528	13977	
21	17531	13982	11926
20	17534	13986	11930
19			
18	17553	14004	
17	17554	14005	11945
16	17556	14006	11946
15	17557		
14			
13			
12	17558		11947
11		14009	
10	17559		11948

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	0	0
430 - 439	9	0	0
420 - 429	3	6	6
410 - 419	17	9	11
400 - 409	20	20	11
390 - 399	24	29	12
380 - 389	26	31	19
370 - 379	35	44	16
360 - 369	47	56	31
350 - 359	57	52	40
340 - 349	60	49	42
330 - 339	72	77	55
320 - 329	79	63	55
310 - 319	67	81	67
300 - 309	59	75	71

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

Pascal Contest / Concours Pascal: 902

Cayley Contest / Concours Cayley: 858

Fermat Contest / Concours Fermat: 834



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2022
Results

2022
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

2022
Fermat Contest/Concours Fermat
Team Honour Rolls/Palmarès d'équipes

Rank/Rang	School/École	City/Ville	Score/Note
1	Upper Canada College (Upper School)	Toronto	426
2	Marc Garneau C.I.	North York	423
3	Walter Murray C.I.	Saskatoon	422
4	Lord Byng S.S.	Vancouver	420
5	St. Andrew's College	Aurora	418
5	St. George's School	Vancouver	418
7	St. Robert C.H.S.	Thornhill	416
8	Trinity College School	Port Hope	414
9	Vincent Massey S.S.	Windsor	413
10	University of Toronto Schools	Toronto	410
11	Collingwood School - Morven Campus	West Vancouver	408
11	Western Canada H.S.	Calgary	408
13	Unionville H.S.	Markham	406
14	Iroquois Ridge H.S.	Oakville	405
15	Waterloo C.I.	Waterloo	402
16	College Jean de Brebeuf	Montreal	400
17	Old Scona Academic H.S.	Edmonton	396
18	Mount Douglas S.S.	Victoria	394
18	Semiahmoo S.S.	Surrey	394
20	Abbey Park H.S.	Oakville	390
21	Port Moody Sr. S.S.	Port Moody	389
22	Sir Winston Churchill H.S.	Calgary	388
23	Richmond Hill H.S.	Richmond Hill	386
24	Mulgrave School	West Vancouver	384
24	Victoria Park C.I.	North York	384
26	Moscrop S.S.	Burnaby	383
27	Halifax Grammar School	Halifax	382
27	Lisgar C.I.	Ottawa	382
27	William Lyon Mackenzie C.I.	North York	382
30	Merivale H.S.	Nepean	381
31	Elgin Park S.S.	Surrey	380
31	Georges Vanier S.S.	North York	380
31	The Woodlands Sec. School	Mississauga	380
34	Pierre Elliott Trudeau H.S.	Markham	378
35	Lakefield College School	Lakefield	376
36	Ashbury College	Rockcliffe	372
36	Bloor C.I.	Toronto	372
36	Pickering College	Newmarket	372
39	Kuper Academy	Kirkland	371
40	Crescent School	North York	370
40	Earl Haig S.S.	North York	370
42	Pickering H.S.	Ajax	369
42	Richmond S.S.	Richmond	369
44	Point Grey S.S.	Vancouver	368
44	Westmount Charter School HS	Calgary	368
46	London Central S.S.	London	367
46	Thornhill S.S.	Thornhill	367
46	Virtual Secondary School	Burlington	367
49	Northview Heights S.S.	North York	366
49	R.E. Mountain S.S.	Langley	366
49	St. Theresa of Lisieux C.H.S.	Richmond Hill	366

2022
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 - 145		
CHEN	JASMINE	Trinity College School	Port Hope	11
DE JUAN MILLN	JACOBO	Lakefield College School	Lakefield	11
WANG	EMIL		Unionville	8
WU	JONATHAN	Marc Garneau C.I.	North York	11
YANG	HAOZHE	Walter Murray C.I.	Saskatoon	11
YANG	PENGJIN	Lord Byng S.S.	Vancouver	9

Group II/Groupe II		Scores/Notes 144 - 141		
CHANG	KHARIS	Western Canada H.S.	Calgary	10
CHOW	ALEXANDER	Upper Canada College (Upper Sc	Toronto	11
HUANG	JASON		Richmond Hill	11
HUANG	RICHARD		Vancouver	8
LI	KAIWEN	Lord Byng S.S.	Vancouver	9
LIN	MUGENG	St. Robert C.H.S.	Thornhill	11
LIU	JIAQI	Halifax Grammar School	Halifax	8
LIU	LEHANG	St. George's School	Vancouver	11
LU	EVAN	Vincent Massey S.S.	Windsor	11
MENG	XIAOGE	St. Andrew's College	Aurora	11
SU	ALAN	Upper Canada College (Upper Sc	Toronto	11
WANG	MARSHAL	Upper Canada College (Upper Sc	Toronto	11
WANG	XUEZHI	Royal St. George's College	Toronto	10
YAN	JACOB		Unionville	11
YANG	ROBERT	Walter Murray C.I.	Saskatoon	9
ZHUANG	LEO	St. Andrew's College	Aurora	11

Group III/Groupe III		Scores/Notes 140 - 138		
CAI	SOPHIA		Unionville	11
CHEN	RAYTON	Vincent Massey S.S.	Windsor	11
DONG	XIAOXIANG	Unionville H.S.	Markham	11
FANG	RYAN	Old Scona Academic H.S.	Edmonton	11
GU	ALEC	Iroquois Ridge H.S.	Oakville	11
GU	PATRICK	Sa-Hali S.S.	Kamloops	11
GUI	COREY	Pickering H.S.	Ajax	11
HAO	JACKIE	Elgin Park S.S.	Surrey	9
HUANG	BOWEN	St. George's School	Vancouver	11
JANKOWSKI	YUREK	Citadel H.S.	Halifax	11
KANG	KEVIN	Western Canada H.S.	Calgary	11
KIM	TAEKYEONG	Trinity College School	Port Hope	11
KOTHARI	YASH		Brampton	11
LI	PAIGE	Unionville H.S.	Markham	11
LI	SAMUEL	Mount Douglas S.S.	Victoria	11
LIU	HANGCHEN	Abbey Park H.S.	Oakville	11
LIU	JORDAN	St. George's School	Vancouver	11
LONG	ZHOU	Westmount Charter School HS	Calgary	9
MIHAI	MARIA	Lockview H.S.	Fall River	9
QIN	FELIX		Unionville	11
SUN	JINGYUAN	St. Robert C.H.S.	Thornhill	11

2022
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group III/Groupe III

Scores/Notes 140 - 138

SUN	KIRAN	St. George's School	Vancouver	10
TAO	YIMING		Vancouver	11
TIAN	DONGLI	Mulgrave School	West Vancouver	11
WANG	RAY	Lisgar C.I.	Ottawa	10
WANG	YICHEN	Bishop Allen Academy	Etobicoke	11
WANG	YIZHOU	College Jean de Brebeuf	Montreal	11
ZHANG	JEFFERY	University of Toronto Schools	Toronto	10
ZHAO	HENRY	Collingwood School - Morven Ca	West Vancouver	11
ZHENG	SAMUEL	Moscrop S.S.	Burnaby	11

Group IV/Groupe IV

Scores/Notes 137 - 132

BAE	JAESUNG	King's Christian Collegiate	Oakville	10
BEHNIWAL	AMANBIR	Vincent Massey S.S.	Windsor	11
BIRADAVOLU	YOJITH SAI	Virtual Secondary School	Burlington	10
CHANDRASHEKAR	KUNAAL	University of Toronto Schools	Toronto	11
CHEN	ANTHONY	Marc Garneau C.I.	North York	11
CHEN	EDWARD	Port Moody Sr. S.S.	Port Moody	11
CHEN	EDWIN	Waterloo C.I.	Waterloo	10
CHEN	LU	Waterloo C.I.	Waterloo	11
CHEN	RUI	St. George's School	Vancouver	11
CHENG	ZHONG ZHI	College Jean de Brebeuf	Montreal	11
CHI	HAO		Coquitlam	11
DAI	WILLIAM	Marc Garneau C.I.	North York	10
DENG	BRYAN		North York	11
DONG	BENJAMIN	The Woodlands Sec. School	Mississauga	10
DOU	KATHRYN	University of Toronto Schools	Toronto	11
DU	XINYUN	St. Robert C.H.S.	Thornhill	9
GONG	HARRY	St. George's School	Vancouver	9
HE	JASON	Collingwood School - Morven Ca	West Vancouver	10
HOU	SZE FAI	St. George's School	Vancouver	11
HOWARD	LI	Henry Wise Wood Sr. H.S	Calgary	11
JIANG	DAVID	Pierre Elliott Trudeau H.S.	Markham	11
JIN	JESSIE	Abbey Park H.S.	Oakville	11
KANG	BOHYUN	Iroquois Ridge H.S.	Oakville	11
LIN	YONGXIN		Richmond	10
MA	EMILY	Marc Garneau C.I.	North York	10
QIAN	JUSTIN	Old Scona Academic H.S.	Edmonton	11
REN	JAY	Laurel Heights Secondary School	Waterloo	11
ROZSA	BALINT	Bloor C.I.	Toronto	10
SHAO	ERIC	Semiahmoo S.S.	Surrey	11
SHASHAANI	SAM	Richmond Hill H.S.	Richmond Hill	9
SIMA	NICHOLAS	Mount Douglas S.S.	Victoria	11
TANG	AARON	Marc Garneau C.I.	North York	11
TANG	YUNTONG	Balmoral Hall School	Winnipeg	11
TRIPATHI	ANUSHKA	Marc Garneau C.I.	North York	11
WANG	DANIEL	Merivale H.S.	Nepean	10
WANG	RAYMOND		Coquitlam	10
WANG	YUNSHAN	Victoria Park C.I.	North York	11
WU	RAYMOND	St. Robert C.H.S.	Thornhill	11
WU	WILLIAM	St. Andrew's College	Aurora	11
XU	GRACE		Vancouver	11

2022
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group IV/Groupe IV

Scores/Notes 137 - 132

YANG	MING		North York	11
YANG	MING		Unionville	9
ZHANG	ALEX	Semiahmoo S.S.	Surrey	11
ZHANG	JERRY	Collingwood School - Morven Ca	West Vancouver	11
ZHANG	RICHARD	Georges Vanier S.S.	North York	11
ZHAO	KRISTOPHER	Thornhill S.S.	Thornhill	11
ZHAO	MIRANDA	Marc Garneau C.I.	North York	11
ZHOU	JIMMY	St. Robert C.H.S.	Thornhill	11
ZHOU	YUNXI	Upper Canada College (Upper Sc	Toronto	11
ZHU	LE HAN	Guelph C. and V.I.	Guelph	10
ZOU	YUCHEN	Upper Canada College (Upper Sc	Toronto	11

Group V/Groupe V

Scores/Notes 131 - 126

BALAKUMAR	ATHAVAN	Vincent Massey S.S.	Windsor	11
BASU	DHRUV	Lisgar C.I.	Ottawa	11
CAUL	TYSON	Okanagan Mission S.S.	Kelowna	11
CHAN	AVERY	Richmond Hill H.S.	Richmond Hill	11
CHEN	BRANDON	Western Canada H.S.	Calgary	11
CHIAO	FENG JOSEPH	Centennial S.S.	Coquitlam	11
CUI	NICOLE	William Lyon Mackenzie C.I.	North York	11
DAI	ZIJIE	Father John Redmond C.S.S. &	Etobicoke	11
DALTON	JACOB	Charlottetown Rural H.S.	Charlottetown	11
EUN	GREG	Port Moody Sr. S.S.	Port Moody	11
FANG	OWEN	Earl Haig S.S.	North York	11
FU	QIAN	West Island College	Dollard-Des-Ormeaux	11
FU	RYAN	Old Scona Academic H.S.	Edmonton	11
GAO	MAXWELL	R.A. McMath S.S.	Richmond	10
GAVRUS	DAVID	College Jean de Brebeuf	Montreal	11
GU	STEVEN	Milliken Mills H.S.	Markham	11
GUILFOYLE	BRENDAN	The Renert School	Calgary	11
GUO	ZIYAO		North York	11
HANG	SIRUI	Marc Garneau C.I.	North York	11
HANNESSON	MATTHIAS	Nanaimo D.S.S.	Nanaimo	11
HAO	NICHOLAS	Medicine Hat H.S.	Medicine Hat	11
HONG	ALBERT	York Mills C.I.	North York	11
HOU	ERIC	J.N. Burnett S.S.	Richmond	11
HUANG	ALLAN	Victoria Park C.I.	North York	11
HUANG	ZIXIANG	St. David C.S.S.	Waterloo	11
HWANG	ROBIN		Coquitlam	11
INN	KYUNGMIN	Semiahmoo S.S.	Surrey	11
JI	CHENGYU	Ashbury College	Rockcliffe	11
JI	DAVID	College Jean de Brebeuf	Montreal	11
JIANG	RUOXI	Outstanding International Acad	Markham	11
JIANG	ZHICHENG	Point Grey S.S.	Vancouver	11
KAI HSIN	CHEN	Kuper Academy	Kirkland	11
KANG	ANDREW	Hillfield-Strathallan Coll. H.	Hamilton	11
LI	DEREK	Lord Byng S.S.	Vancouver	11
LI	EASON	Walter Murray C.I.	Saskatoon	11
LI	EVAN	Dr. Norman Bethune C.I.	Scarborough	11
LI	ZIXUAN	Ridley College High School	St Catharines	10
LIAO	ANDREW	Waterloo C.I.	Waterloo	11

2022
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V

Scores/Notes 131 - 126

LIU	EVAN	Vancouver College H.S.	Vancouver	11
LIU	HAOYANG	Crescent School	North York	11
LIU	HENRY		Unionville	11
LIU	JIALIN	Halifax Grammar School	Halifax	8
LIU	KATY	Port Moody Sr. S.S.	Port Moody	11
LIU	SHERRY	Southridge School	Surrey	11
LIU	YACHEN		Vancouver	11
LIU	ZEWEN	Heritage Woods Secondary	Port Moody	11
LOEVSKY	DEAN	Hodan Malayeh S.S.	Thornhill	11
MANDAL	ARNAB	Fort Richmond C.I.	Winnipeg	11
MAO	OLIVER		Mississauga	11
MARTIN	NATHAN	Westmount S.S.	Hamilton	11
PARK	JAYDEN	R.E. Mountain S.S.	Langley	11
PIAO	HONGYI	Ashbury College	Rockcliffe	11
PRASHANTH	PRANAV	Georges Vanier S.S.	North York	11
QI	RAN		Mississauga	11
QIN	IVY		Richmond	11
QIN	QISEN	Kells Academy	Montreal	11
QIU	JEFFERY	Waterloo C.I.	Waterloo	11
QU	EDISON		Markham	11
RAN	CHARLES		Mississauga	10
REN	OLIVIER	College Jean de Brebeuf	Montreal	11
ROUKEMA	ASTIN	Centennial Reg. H.S.	Greenfield Park	11
SAHA	SAYAN	Sir Winston Churchill H.S.	Calgary	11
SHAO	KEVIN	London Central S.S.	London	11
SONG	XINPING	Unionville H.S.	Markham	11
SPRAYSON	JACK	Trinity College School	Port Hope	11
SUN	JIAHONG	Collingwood School - Morven Ca	West Vancouver	8
SUN	VINCENT	Iroquois Ridge H.S.	Oakville	11
TIAN	DEAN	Sir Winston Churchill H.S.	Calgary	11
TON	PETER	Martingrove C.I.	Etobicoke	11
VARAKUNAN	AKSHAYA	Marc Garneau C.I.	North York	11
WANG	BENJAMIN	University of Toronto Schools	Toronto	11
WANG	MATTHEW	Grandview Heights Secondary	Surrey	10
WANG	SHUOBO	Brooklyn College	Toronto	11
WU	ADDISON	Loyalist C. and V.I.	Kingston	11
WU	LUNA	Vincent Massey S.S.	Windsor	11
XIANG	RYAN	Dr. Norman Bethune C.I.	Scarborough	11
XING	ANDREW	A.Y. Jackson S.S.	North York	11
XU	ANDREW A	Sir Winston Churchill H.S.	Calgary	11
XU	JESSICA	Sir Winston Churchill H.S.	Calgary	11
XU	JINGLIN		Richmond	11
XU	SAM	Virtual Secondary School	Burlington	11
XU	ZHENGYANG	Legacy Christian Academy	Saskatoon	11
YAN	ANDY		Markham	11
YAN	ZHAO	Marc Garneau C.I.	North York	11
YANG	ALBERT	Pierre Elliott Trudeau H.S.	Markham	11
YANG	JEDIDIAH	Sir Winston Churchill H.S.	Calgary	11
YANG	SHIWEI	University Transition Program	Vancouver	9
YAO	SIYU	Selwyn House School	Westmount	11
YE	CULLEN	Marc Garneau C.I.	North York	11
YE	DANIEL	William Lyon Mackenzie C.I.	North York	10

2022
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V		Scores/Notes 131 - 126		
YU	ZIJIE	The York School	Toronto	11
YUAN	STELLA	Pickering College	Newmarket	11
ZENG	JESSIE	Lord Byng S.S.	Vancouver	11
ZHANG	ATTICUS	Iroquois Ridge H.S.	Oakville	11
ZHANG	LEO	Port Moody Sr. S.S.	Port Moody	11
ZHANG	ROBERT		Unionville	11
ZHANG	YIFAN	Unionville H.S.	Markham	11
ZHANG	YIHAN	ACME Education Services	Vancouver	11
ZHANG	ZEJIA		Vancouver	11
ZHAO	BOYANG	St. Andrew's College	Aurora	11
ZHENG	RUIMIAN	Unionville H.S.	Markham	11
ZHU	CHENG	Pythagoras Academy	Richmond	11
ZOU	ZI YI	Richmond S.S.	Richmond	11

2022
Fermat Contest/Concours Fermat
Team Honour Rolls/Palmarès d'équipes
International

Rank/Rang	School/École	City/Ville	Score/Note
1	Dhribubhai Ambani International School	Mumbai	426
2	7 on 7 Academy	Mumbai	424
3	Shanghai Australian International School	Shanghai	414
3	Transitions Lab Prep School	Thiruvananthapuram	414
5	BASIS Independent Silicon Valley	San Jose	413
5	H.S. Affiliated to Nanjing Normal Uni.	Nanjing Jiangsu	413
7	Pui Ching M.S.	Kowloon City	410
8	The Koc School	Istanbul	407
9	Sega Math Academy	Cupertino	404
10	Math Trainers Guild of Philippines	Zamboanga City	402
10	Philippine Science High School	Quezon City	402
12	Guangdong Country Garden Sch.	Foshan City	400
13	Cheongna Dalton School	Incheon	396
13	Jurong Country Garden School	Jurong	396
13	Private Technical Schools	Kocaeli	396
16	ODTU Mersin College	Mersin	394
16	Seoul International School	Sungnam	394
18	Kultur Science High School	Istanbul	393
19	Private Bilfen Kayseri H.S.	KAYSERI	390
19	Salam Schools Complex	Tehran	390
21	Hefei No.8 High School	Hefei	387
21	ICAE	Troy	387
23	Shanghai Yue Kong Pao Sr. S.S.	Shanghai	384
24	American Collegiate Institute	Izmir	382
24	Wuxi Dipont School of Arts and Science	Wuxi City	382
26	Guiyang No.1 H.S.	Guiyang Guizhou	381
27	Shanghai Nanyang Model Private H.S.	Shanghai	378
27	The SMIC Private School	Shanghai	378
29	Zafer Koleji	Etimesgut	376
30	Dilnihat Ozyegin Anadolu Lisesi	Istanbul	374
30	Izmir Bahcesehir High School for Science	Izmir	374
32	UWC South East Asia East Campus	Singapore	373
32	Wellington College Shanghai	Shanghai	373
34	Private Bilfen Uskudar Science H.S.	Uskudar Istanbul	372
35	SIMETRI	Tangerang	367
36	Beijing New Talent Academy	Beijing	364
36	Tanmlin Trust School	Singapore	364
38	American School of Barcelona	Barcelona	363
39	Ozel Gelisim Koleji	MENEMEN / IZMIR	362
39	Ozel Takev Anadolu ve Fen Lisesi	Izmir	362
39	The Affiliated H.S. of South China Norma	Guangzhou Guangdong	362
42	Yesilkoy Anatolian High School	Bakirkoy/istanbul	360
43	Izmir Buyukcigli Ozel Turk Koleji	Izmir Cigli	358
43	Jakarta Int'l School	Jakarta	358
43	Private Bilfen Cayyolu Science H.S.	Ankara	358
46	Lyceum named after academician Zarifa Al	Baku	357
46	Shanghai Shangde Exper. S. (Noble Academ	Shanghai	357
48	King's Academy	Madaba	356
48	Tarsus American College	Tarsus/Mersin	356
48	Uskudar American Academy	Istanbul	356

2022
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants
International

Name/Nom	School/École	Location/Endroit	Grade/Niveau
Group I/Groupe I			
Scores/Notes 150 - 143			
AJMANI MAHIR	7 on 7 Academy	Mumbai	11
DAS ROHAN	BASIS Independent Silicon Vall	San Jose	9
MAYANI TARUSH	Dhribubhai Ambani Internationa	Mumbai	11
NO HYUNMIN	Cheongna Dalton School	Incheon	11
WONG YIN CHEUNG	Pui Ching M.S.	Kowloon City	11
WU ANNE LINGYI	Kaohsiung American School	Kaohsiung	11

Group II/Groupe II			
Scores/Notes 142 - 138			
AGGARWAL DEEPTI	ICAE	Troy	11
AHADI SEYED ALI	Salam Schools Complex	Tehran	11
AKKUS ATILLA	Private Technical Schools	Kocaeli	11
AMID SARDARI MAHDIYAR	Salam Schools Complex	Tehran	11
BHANSALI RIHAAN	Transitions Lab Prep School	Thiruvananthapuram	11
BHATIA DHRUV	Transitions Lab Prep School	Thiruvananthapuram	11
CHEN YIFAN	Jurong Country Garden School	Jurong	11
EHLI EREN	The Koc School	Istanbul	11
FENG JUNHAN	Shanghai Australian Internatio	Shanghai	11
GOGRI AARNAV	Dhribubhai Ambani Internationa	Mumbai	11
GU JIAHUI	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
HOI CHEUNG JASON WONG	Pui Ching M.S.	Kowloon City	11
JHUNJHUNWALA ARYAMAN	Transitions Lab Prep School	Thiruvananthapuram	11
KIM WOOJUNE	Seoul International School	Sungnam	11
LI JIAYI	Guangdong Country Garden Sch.	Foshan City	11
PING JIAMING	Wuxi Dipont School of Arts and	Wuxi City	11
SEVINC AHMET EREN	Private Bilfen Kayseri H.S.	KAYSERI	11
SHAH JIWANSHI	7 on 7 Academy	Mumbai	11
TARIM MERT	The Koc School	Istanbul	11
WAGHANI KRISH	Dhribubhai Ambani Internationa	Mumbai	11
WANG QINYAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
WU FILBERT	Math Trainers Guild of Philipp	Zamboanga City	11
XUAN SOPHIE	Sammamish Chinese School	Sammamish	11
YOUN IAN	SpringLight Education	Cupertino	11

Group III/Groupe III			
Scores/Notes 137 - 132			
AKMAN IDIL	ODTU Mersin College	Mersin	11
BAROUDI SOFIA	College Louise Wegmann	Beirut	11
CHEN FEINI PHOENIE	Bavarian Intern. School e.V.	Haimhausen	11
CHEN JIAQI	Shanghai Australian Internatio	Shanghai	11
DAGISTAN URAL	Izmir Bahcesehir High School f	Izmir	11
DALIDA RAPHAEL DYLAN	Philippine Science High School	Quezon City	11
FANG MIYANG	Shanghai Australian Internatio	Shanghai	11
GOKMEN CAN	American Collegiate Institute	Izmir	11
JACOB BENJAMIN	Philippine Science High School	Quezon City	11
JAGTAP AARYAN	Dhribubhai Ambani Internationa	Mumbai	11
JIANG ZIYUE	King's Academy	Madaba	11
JIN MING	Shanghai Australian Internatio	Shanghai	11
KAUROV INNOKENTIY	American School of Barcelona	Barcelona	11

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Group III/Groupe III

Scores/Notes 137 - 132

LEE	JONG A	Seoul International School	Sungnam	11
LI	JINZE	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
LI	RAYMOND	Wellington College Shanghai	Shanghai	11
LI	ZIXIN	Shanghai Australian Internatio	Shanghai	11
LIU	DERRICK	BASIS Independent Silicon Vall	San Jose	11
LIU	YUQING	Canada Hefei No. 1 S. S. (BC o	Hefei	11
LU	HANSON	Shanghai Nanyang Model Private	Shanghai	11
MANGAL	JAYENDRA	7 on 7 Academy	Mumbai	11
MATHIHALLI	NIDHI	Sega Math Academy	Cupertino	11
MATHIHALLI	NIKHIL	Sega Math Academy	Cupertino	10
MOHAN	HARI	GLOBAL CITY INTERNATIONAL SCHO	BENGALURU	11
NISTALA	MAINAK	Transitions Lab Prep School	Thiruvananthapuram	11
PENG	JIAHAO	Shanghai Yue Kong Pao Sr. S.S.	Shanghai	11
RUAN	YILAN	Tsinghua Int'l School	Beijing	11
SANGWAN	PRANAV	Transitions Lab Prep School	Thiruvananthapuram	11
SANKAR	GANESH	Sega Math Academy	Cupertino	11
SENTURK	DURU	Kultur Science High School	Istanbul	11
SETHI	KAVIISH	7 on 7 Academy	Mumbai	11
SHAH	AHAAN	7 on 7 Academy	Mumbai	10
SINEOGLU	ISIL SILA	ODTU Mersin College	Mersin	11
SINGHVI	MADHAV	7 on 7 Academy	Mumbai	11
TALIBOV	HUSEYN	Lyceum-School 6	Baku	10
WANG	YINGY I	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
YANG	JINGLIN	Guangdong Country Garden Sch.	Foshan City	11
YIN	HAOFEI	Majestic International College	Foshan	11
YOUNG	JAMES MARTIN	UWC South East Asia East Campu	Singapore	11
ZHANGG	YIXIN	Guiyang No.1 H.S.	Guiyang Guizhou	10
ZHU	JIZHONG	Shanghai Australian Internatio	Shanghai	11
ZHU	XIAOMENG	Hefei No.8 High School	Hefei	11

Group IV/Groupe IV

Scores/Notes 131 - 126

AGUDONG	KARL FRANCOIS	Math Trainers Guild of Philipp	Zamboanga City	11
AVCI	EGE	Zafer Koleji	Etimesgut	11
BANTHIA	SAMYUKTA	7 on 7 Academy	Mumbai	11
BORBE	MIKHAIL	Math Trainers Guild of Philipp	Zamboanga City	11
BOZDAG	SERDAR	Private Technical Schools	Kocaeli	11
BOZDOGAN	CEMRE	Private Bilfen Uskudar Science	Uskudar Istanbul	11
CHAN	SIN LOK	Pui Ching M.S.	Kowloon City	10
CHOI	ALEXANDER	PEN Education	Cresskill	11
CHOW	SZE YUET	St. Mary's Canossian College	Tsimshatsui Kowloon	11
DEQUITO	NOEL STEPHEN	Math Trainers Guild of Philipp	Zamboanga City	11
DINDAR	MERIH	Kultur Science High School	Istanbul	11
DIZON	JOHN FLORENCE	Philippine Science High School	Quezon City	10
DONG	SHENG	Beijing New Talent Academy	Beijing	11
FENG	KAIXIN	Shanghai Yue Kong Pao Sr. S.S.	Shanghai	11
FENG	ROBERT	BASIS Independent Silicon Vall	San Jose	9
FU	CHI HENG	Int'l Christian Quality Music	Kowloon	11
GAO	SHENG	Shanghai Australian Internatio	Shanghai	11
GOVEAS	SUZANNE	Tanglin Trust School	Singapore	11
GOYAL	SHAURYA	Dhribubhai Ambani Internationa	Mumbai	11
ISIK	SAYGIN	Kultur Science High School	Istanbul	11

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Group IV/Groupe IV

Scores/Notes 131 - 126

JALAN	PRABHAV	7 on 7 Academy	Mumbai	11
KIM	JOOYOUNG	The SMIC Private School	Shanghai	11
KIZIL	KUTAL ARDA	ODTU Mersin College	Mersin	11
KUNDU	KANISHK	7 on 7 Academy	Mumbai	11
LEE	HAYDEN	Ivy Collegiate School	Seo-gu	11
LEE	SEOYOON	Jakarta Int'l School	Jakarta	11
LI	ZONGCHENG	Guangdong Country Garden Sch.	Foshan City	11
LIM YI HENG	KIEFER	Jerudong Int'l Sch.	Bandar Seri Bagawan	11
MAGNAYE	JOHN DAVID	Philippine Science High School	Quezon City	10
MAHESHWARI	NEEL	7 on 7 Academy	Mumbai	11
MERT	SELIN	Uskudar American Academy	Istanbul	11
MINOCHA	RANBIR	7 on 7 Academy	Mumbai	11
MUCHHALA	PRATHMESH	Transitions Lab Prep School	Thiruvananthapuram	11
NEMUTLU	EMIR EGE	Zafer Koleji	Etimesgut	11
ORCEN	ARDIL	The Koc School	Istanbul	11
OU	ZINAN	Hefei No.8 High School	Hefei	11
OZTURK	MEHMET	Private Technical Schools	Kocaeli	11
PARK	SEO JOON	Daegu International School	Daegu	11
PIWAR	ISMAIL	Private Technical Schools	Kocaeli	11
QIN	YI	Jurong Country Garden School	Jurong	11
RAWAT	TISYA	Transitions Lab Prep School	Thiruvananthapuram	11
SALAZAR	JOSE CARLO	Math Trainers Guild of Philipp	Zamboanga City	11
SENL	SULEYMAN EMRE	American Collegiate Institute	Izmir	11
SEO	HYUN	Cheongna Dalton School	Incheon	10
SETH	KSHITIG	Dhribubhai Ambani Internationa	Mumbai	11
SHAH	ISHAAN	Transitions Lab Prep School	Thiruvananthapuram	11
SHAH	PRATHAM	7 on 7 Academy	Mumbai	11
SHARDA	ARYAN	7 on 7 Academy	Mumbai	11
SHIN	EUICHAN	The SMIC Private School	Shanghai	11
SIPAHI	INCI	Private Bilfen Uskudar Science	Uskudar Istanbul	11
SONG	YIJIN	Shanghai Yue Kong Pao Sr. S.S.	Shanghai	11
SUGIARTO	ROBERTO	SIMETRI	Tangerang	10
SUMER	NISAN	FMV Ozel Ispartakule Isik Lise	Istanbul	11
TAN	RICKSON CALEE	Math Trainers Guild of Philipp	Zamboanga City	11
TAN	SEAN MATTHEW	Math Trainers Guild of Philipp	Zamboanga City	11
TANG	JIAWEI	American School of Doha	Doha	11
TANG	QIYAO	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
TROPICALES	BERT JACOB	Philippine Science High School	Quezon City	10
TULUMTAS	HELIN NUR	Dilnihat Ozyegin Anadolu Lises	Istanbul	11
UNAL	OZGUR	Kultur Science High School	Istanbul	11
WANG	XIANCHEN	Guangdong Country Garden Sch.	Foshan City	10
WEI	XIYUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
WU	CHUANZHI	Wycombe Abbey School Changzhou	Changzhou	11
XUAN	SARAH	Sammamish Chinese School	Sammamish	11
YANG	YILIN	Guangdong Country Garden Sch.	Foshan City	11
YENICE	BERIL	Ozel Edirne Bahcesehir Fen Ve	Edirne	11
YESILTAS	UTKAN	Private Bilfen Kayseri H.S.	KAYSERI	11
YOLDAS	SILA	Ozel Gelisim Koleji	MENEMEN / IZMIR	11
ZHANG	KAIJIE	Guiyang No.1 H.S.	Guiyang Guizhou	11
ZHANG	KAIXIN	Wuxi Dipont School of Arts and	Wuxi City	11
ZHANG	NINGNING	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10

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Group V/Groupe V

Scores/Notes 125 - 120

AIRES DE SOUSA	FRANCISCO	American School of Barcelona	Barcelona	11
AKCIL	SONER	ODTU Mersin College	Mersin	11
ALBANO	ELLIOT	MGC New Life Christian Academy	Taguig City	10
ALEMDAR	ZEYNEP	Private Bilfen Kayseri H.S.	KAYSERI	11
ALTUG	YAMAN	Ozel Gelisim Koleji	MENEMEN / IZMIR	11
ARNOLD	ALEXANDER	Chinese Int'l School	Hong Kong	11
ASIK	BERIL	Dilnihat Ozyegin Anadolu Lises	Istanbul	11
AYDIN	CEMILECEREN	Kultur Science High School	Istanbul	11
BAYKAL	ALI KAYRA	Ozel Ege Lisesi	Bornova Izmir	11
BEKKAYA	NISANUR	Dilnihat Ozyegin Anadolu Lises	Istanbul	11
BIRDIR	EREN DOGA	Private Bilfen Cayyolu Science	Ankara	11
BO	YUNXUAN	Shanghai Yue Kong Pao Sr. S.S.	Shanghai	11
CAKA	CINAR	ODTU Mersin College	Mersin	11
CALUBAQUIB	KIERSTEN GENE	Philippine Science High School	Quezon City	11
CARTA	ELEONORA	Doha College	Doha	11
CEVIK	KUZEY	A. A. Egitim Kurumlari Ankara	Ankara	11
CHANG	SEOIN	International School of Prague	Prague	11
CHATTERJEE	ANIKET	UWC South East Asia East Campu	Singapore	11
CHEN	YANQIU	Shanghai Yue Kong Pao Sr. S.S.	Shanghai	11
CHEN	YAWEN	Zhangjiagang Foreign Language	Suzhou	11
CHEN	ZHUOKAI	Hefei No.8 High School	Hefei	10
CHUNG	KATHERINE	Seoul Foreign High School	Seoul	11
CHUNG	SEONGWOO	Daegu International School	Daegu	11
DAGDELEN	BERKE	Izmir Bahcesehir High School f	Izmir	11
DEMIRKAYA	ALKAN	Ozel Takev Anadolu ve Fen Lise	Izmir	11
DONG	JESSICA	Shanghai American School (West	Shanghai	11
EKMEN	NAZLI	Dilnihat Ozyegin Anadolu Lises	Istanbul	11
EYNEL	BEYZA NUR	American Collegiate Institute	Izmir	11
GHOSH	ARMAAN	7 on 7 Academy	Mumbai	11
GOKSU	ECE	American Collegiate Institute	Izmir	11
GUL	BUGRAH N	Private Bilfen Kayseri H.S.	KAYSERI	11
GUNAY	EGEMEN	Izmir Buyukcigli Ozel Turk Kol	Izmir Cigli	11
GUNGOR	BEYZA	Private Bilfen Kayseri H.S.	KAYSERI	11
GUNGOR	EYUP RAMAZAN	Kultur Science High School	Istanbul	11
GUO	HANWEN	Shanghai Yue Kong Pao Sr. S.S.	Shanghai	11
HAFNER	THOMAS	The South Island School	Aberdeen	11
HAOLIN	CAI	Guangdong Experimental H.S.	Guangzhou	11
HARIBALARAMAN	SHRAVAN	The International School Banga	Bangalore	11
HATIPOGLU	NEHIR	Kultur Science High School	Istanbul	11
HIZARCIOGLU	BURCE	The Koc School	Istanbul	11
HOEFLEIN	CHRISTOPHER	Wellington College Shanghai	Shanghai	11
HORO	NOELLA	7 on 7 Academy	Mumbai	11
HU	RONGCHENZHONG	Guiyang No.1 H.S.	Guiyang Guizhou	11
HUANG	HAOLIN	Guangdong Country Garden Sch.	Foshan City	10
HUANG	TONY	Shanghai Australian Internatio	Shanghai	11
HWANG	HYOJUNG	Cheongna Dalton School	Incheon	11
ISMAYILOV	HUSEYN	Lyceum named after academician	Baku	11
IYER	ADITYA	Transitions Lab Prep School	Thiruvananthapuram	11
JAIN	MAAHIR	Transitions Lab Prep School	Thiruvananthapuram	11
JANG	SEYOUNG	Branksome Hall Asia	Seogwipo-si	11
JAVADIAN	BORHAN	Canada School Florya	Istanbul	11
JI	YUHAN	Guangdong Country Garden Sch.	Foshan City	11

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Group V/Groupe V

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JIAN	ZHICHEN	Shanghai Australian Internatio	Shanghai	11
KAGALWALLA	NIDAA	7 on 7 Academy	Mumbai	11
KAHRAMAN	KEMAL	Private Bilfen Kayseri H.S.	KAYSERI	11
KARAMERCAN	EREN	Private Bilfen Kayseri H.S.	KAYSERI	11
KARATAS	MELISA	Ozel Takev Anadolu ve Fen Lise	Izmir	11
KAZAR	DUHA	Kultur Science High School	Istanbul	11
KHATOR	NANDIKA	Indian Language School	Lagos	11
KIM	HANJUN	Shanghai American School (West	Shanghai	11
KIM	HOJUN	Tianjin Int'l. School	Tianjin	11
KIM	JIMIN	NIST International School	Bangkok	11
KOCADEMIR	OMER EGE	Ozel Edirne Bahcesehir Fen Ve	Edirne	11
KONUK	ALDEMIR	Tarsus American College	Tarsus/Mersin	11
LI	HAOHUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
LI	HAOSONG	Shanghai Australian Internatio	Shanghai	11
LI	ZERUN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
LIM	AUGUST SIMON	Philippine Science High School	Quezon City	10
LIU	XINGSHEN	Gyeonggi Suwon Int'l Sch.	Suwon Gyeonggi-do	11
LIU	YUMO	Canada Hefei No. 1 S. S. (BC o	Hefei	11
LUO	ENCE	Qingdao Weiming School	QINGDAO	11
LYU	XINYI	Beijing New Talent Academy	Beijing	11
MALHOTRA	GAURAV	7 on 7 Academy	Mumbai	11
MEHTA	ADITYA	Dhribubhai Ambani Internationa	Mumbai	11
MERCCHANT	VIHAAN	7 on 7 Academy	Mumbai	11
MISHRA	DEVANSH	The International School Banga	Bangalore	11
MO	DAVIS	Concordia International School	Pudong	11
MODI	SOHAM	Transitions Lab Prep School	Thiruvananthapuram	11
MULLANY	CONNOR	Tanglin Trust School	Singapore	11
NAMKUNG	JAEHA	Shanghai Comm. Int'l Sch. - Pu	Shanghai	11
ONDER	ECE	IZMIR OZEL TURK FEN LISESI	IZMIR	11
ORUC	OZAN	Izmir Buyukcigli Ozel Turk Kol	Izmir Cigli	11
OZBEK	YUSUF EMIR	Ted Bodrum College	Mugla	11
OZONCUL	KUZEY	Ozel Takev Anadolu ve Fen Lise	Izmir	11
PARANTHAMAN	MUKESH	ABA - An IB World School	Muscat	11
PARK	SOEE	Branksome Hall Asia	Seogwipo-si	10
PAWAR	ADITYA	7 on 7 Academy	Mumbai	11
PHISITKUL	VICTOR	Ruamrudee International School	Bangkok	11
QIAN	YIHAN	Hefei No.8 High School	Hefei	11
QIN	JIARUN	Jurong Country Garden School	Jurong	11
QIU	LICHUAN	Nansha College Preparatory Aca	Guangzhou	11
SHAH	JAHNAVI	7 on 7 Academy	Mumbai	11
SHETH	NAAVYA	7 on 7 Academy	Mumbai	11
SIJEH	LEEN	Dilnihat Ozyegin Anadolu Lises	Istanbul	11
SINGH	ASHWATH	7 on 7 Academy	Mumbai	11
SONG	WENDY	Shanghai Nanyang Model Private	Shanghai	11
SONI	HREDAY	7 on 7 Academy	Mumbai	11
SUN	BOYUAN	Chengdu Foreign Lang. Sch. (SI	Chengdu	11
TAO	JUNRU	Hefei No.8 High School	Hefei	11
TARDECILLA	DIRK ERWIN	Philippine Science High School	Quezon City	11
TASKOPARAN	TUNA	The Koc School	Istanbul	11
TEO	JIN JIA	The SMIC Private School	Shanghai	11
THAVAMANI	RUTHESH	ICAE	Troy	11
TURGUT	NURSIN	Dilnihat Ozyegin Anadolu Lises	Istanbul	11

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Scores/Notes 125 - 120

UL HASAN	YAHYA HUSAIN	Jerudong Int'l Sch.	Bandar Seri Bagawan	11
UNAL	DENIZ	Kultur Science High School	Istanbul	11
USLU	CAN	Yesilkoy Anatolian High Schoo	Bakirkoy/istanbul	11
UTOGLU	ORHAN	A. A. Egitim Kurumlari Ankara	Ankara	11
WANG	EVAN	BASIS International School Par	Park Lane Harbour Xi	11
WANG	JINGXIAO	H.S. Affiliated to Nanjing Nor	Nanjing Jiangu	10
WANG	KEVIN	YANCHENG FOREIGN LANGUAGE SCHO	YANCHENG	11
WANG	KINSEY ZIYU	The Affiliated H.S. of South C	Guangzhou Guangdong	11
WANG	YUXUAN	Hefei No.8 High School	Hefei	10
XIE	YUXUAN	Guangdong Country Garden Sch.	Foshan City	11
XIONGZI	LUO	Merchiston Academy Songshan La	Dongguan	11
YADAV	ASHWARYE	American School of Doha	Doha	11
YAGLI	AYCA	Private Technical Schools	Kocaeli	11
YANG	BINYANG	Shenyang Transformation Intern	Shenyang	11
YANG	KAIYU	Chengdu No 7 H. S. (Gaoxin Cam	Chengdu	11
YAP	MEGAN	U.W.C. South East Asia High Sc	Singapore	11
YARLAGADDA	HIMANI	ICAE	Troy	11
YILMAZ	ZEHRA NUR	Private Bilfen Kayseri H.S.	KAYSERI	11
YUAN	LIHENG	The Affiliated H.S. of South C	Guangzhou Guangdong	11
YUNG	SAMANTHA	Pui Ching M.S.	Kowloon City	11
ZHA	YIFAN	Shanghai Shangde Exper. S. (No	Shanghai	11
ZHAN	ZIYAO	H.S. Affiliated to Nanjing Nor	Nanjing Jiangu	10
ZHANG	RYAN	Shanghai Nanyang Model Private	Shanghai	11
ZHANG	YIYUAN	Guangdong Country Garden Sch.	Foshan City	11
ZHAO	ANNIE	Wellington College Shanghai	Shanghai	11
ZHONG	JINGXIAO	AISG American International	Guangzhou	11
ZHU	BOWEN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangu	10
ZHU	JINYI	Canada Hefei No. 1 S. S. (BC o	Hefei	11
ZHU	YITAO	H.S. Affiliated to Nanjing Nor	Nanjing Jiangu	10
ZHU	ZHUOYA	Hefei No.8 High School	Hefei	10