



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et en INFORMATIQUE

www.cemc.uwaterloo.ca

2023
Results

2023
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*

Amr Abdelaal	Laura Kreuzer
Ed Anderson	Vanja Malinovic
Jeff Anderson	Bev Marshman
Terry Bae	Paul McGrath
Shane Bauman	Ryan McGrath
Ersal Cahit	Angela Mercer
Sarah Chan	Comfort Mintah
Ashely Congi	Jen Nelson
Serge D'Alessio	Ian Payne
Fiona Dunbar	J.P. Pretti
Mike Eden	Lata Punetha
Sandy Emms	Alexandra Rideout
Robert Garbary	Nick Rollick
Rob Gleeson	Lianna Seebach
Sandy Graham	Ashley Sorensen
Emma Hernout	Alissa Trochimchuk
Conrad Hewitt	Ian VanderBurgh
Jenn Kelebuda	Troy Vasiga
Carrie Knoll	Christine Vender
Judith Koeller	Bonnie Yi
Wesley Korir	

*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
Wesley Korir, University of Waterloo, Waterloo, ON
Mike Miniou, Kitchener-Waterloo C.V.S., Kitchener, ON
Peter O'Hara, London, ON
Paule Rodrigue, Franco-Cité, Ottawa, ON
Anna Spanik, Halifax, NS

Cayley Contest / Concours Cayley

Jen Nelson (Chair / présidente), University of Waterloo, Waterloo, ON
Rich Dlin, Toronto, ON
Barry Ferguson, Waterloo, ON
Carley Funk, Waterloo C.I., Waterloo, ON
Ty Ghaswala, 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
Anila Yadavalli, University of Waterloo, 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
Caelan Wang, University of Manitoba, Winnipeg, MB

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 87.89, 91.40 and 89.26 across the three Contests. The number of eligible contestants with perfect papers on the three Contests were 17, 4 and 7.

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 87,89, 91,40 et 89,26 à travers les trois Concours. Le nombre de candidats éligibles possédant un concours parfait était de 17, 4 et 7.

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 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	97	52	48
BC	220	216	211
MB	47	46	43
NB	31	31	31
NL	9	12	11
NS	38	30	34
NT	1	1	1
ON	648	633	648
PE	4	0	0
QC	90	90	86
SK	14	17	16
YT	1	1	1
International	313	348	353
Total	1513	1477	1483

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

	Pascal	Cayley	Fermat
AB	2580	853	533
BC	3531	2774	2332
MB	884	623	522
NB	443	317	269
NL	355	188	99
NS	817	588	330
NT	11	8	15
ON	9006	7426	6947
PE	146	0	0
QC	1840	1615	1545
SK	191	122	132
YT	12	4	6
International	4884	5136	4089
Total	24700	19654	16819

Total number of students enrolled / Nombre d'inscriptions individuelles: 61173

**2023 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2023**

PASCAL CONTEST / CONCOURS PASCAL

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
PERRY DAI	University of Toronto Schools	Toronto, ON
QI XUAN DING	Tom Baines School	Calgary, AB
FU LIN JI	Sentinel S.S.	West Vancouver, BC
JACOB KANG		Saskatoon, SK
YILIN LI	University of Toronto Schools	Toronto, ON
ISAAC LU	Thornhill S.S.	Thornhill, ON
OWEN QIU	Fraser Heights S.S.	Surrey, BC
ANJI WANG	Earl of March S.S.	Kanata, ON
ZHENG WANG	College Jean Eudes	Montreal, QC
TONG WU	Lord Byng S.S.	Vancouver, BC
DAVID YANG		Richmond, BC
TIM ZHANG		Saskatoon, SK
RYAN ZHU		Vancouver, BC

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	University of Toronto Schools	Toronto	444
Second / Deuxième	William Lyon Mackenzie C.I.	North York	432
Third / Troisième	Fraser Heights S.S.	Surrey	430
	Marc Garneau C.I.	North York	430
Fifth / Cinquième	College Jean Eudes	Montreal	426
	St. George's School	Vancouver	426

**2023 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2023**

CAYLEY CONTEST / CONCOURS CAYLEY

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
CONNOR CHAN	Burnaby South S.S.	Burnaby, BC
HANSEN CHEN	Lakefield College School	Lakefield, ON
ALEXIS DESROCHES	College Durocher/St-Lambert	Saint-Lambert, QC
TERRENCE FU		Unionville, ON
SHENGHUAN HUANG	Pierre Elliott Trudeau H.S.	Markham, ON
WAYNE HUANG	Alexander Mackenzie H.S.	Richmond Hill, ON
BRANDON LAM	St. Theresa of Lisieux C.H.S.	Richmond Hill, ON
ISAAC LAU	Stouffville D.H.S.	Stouffville, ON
SEAN LEE	St. Michael's Choir School	Toronto, ON
ADAM MAWANI	University of Toronto Schools	Toronto, ON
DARIEN NG	Sir Winston Churchill H.S.	Calgary, AB
ERIC NING	William Lyon Mackenzie C.I.	North York, ON
ZIXUAN PENG	E.S. Felix-Leclerc	Pointe-Claire, QC
LUKAS PIECHOCINSKI	St. Thomas Aquinas C.S.S.	Tottenham, ON
BLAKE REITENBACH	Yorkton Reg. H.S.	Yorkton, SK
MUHAMMAD SAFWAN UL HAQUE	Westmount Charter School HS	Calgary, AB
JAYDIN SCHULTZ	Rutland Sr. S.S.	Kelowna, BC
DRAVID SINGH	Heart Lake S.S.	Brampton, ON
ALAN WANG	St. Theresa of Lisieux C.H.S.	Richmond Hill, ON
GUANYU YI	St. Theresa of Lisieux C.H.S.	Richmond Hill, ON
KAI ZHANG	SAIL Secondary School	Surrey, BC
LEI ZHANG	Markville S.S.	Markham, ON

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	St. Theresa of Lisieux C.H.S.	Richmond Hill	438
Second / Deuxième	University of Toronto Schools	Toronto	428
Third / Troisième	Markville S.S.	Markham	427
Fourth / Quatrième	William Lyon Mackenzie C.I.	North York	424
Fifth / Cinquième	Merivale H.S.	Nepean	419

**2023 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2023**

FERMAT CONTEST / CONCOURS FERMAT

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
DANIEL CHEN		Vancouver, BC
JADEN CHOI	Mulgrave School	West Vancouver, BC
WILLIAM DAI	Marc Garneau C.I.	North York, ON
GUANCHEN QU	Lord Byng S.S.	Vancouver, BC
SOHON YE	College Jean Eudes	Montreal, QC

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	Marc Garneau C.I.	North York	428
Second / Deuxième	York House School - Senior	Vancouver	423
Third / Troisième	Mulgrave School	West Vancouver	414
Fourth / Quatrième	Walnut Grove S.S.	Langley	409
Fifth / Cinquième	Lord Byng S.S.	Vancouver	408
	University of Toronto Schools	Toronto	408

**2023 FERMAT CONTEST REGIONAL CHAMPIONS
CHAMPIONS RÉGIONAUX AU CONCOURS FERMAT 2023**

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	PAUL DONG	Western Canada H.S.	Calgary
AB	ERIK ZHANG	Lillian Osborne H.S.	Edmonton
BC	DANIEL CHEN		Vancouver
BC	JADEN CHOI	Mulgrave School	West Vancouver
BC	GUANCHEN QU	Lord Byng S.S.	Vancouver
MB	TE I OH	Fort Richmond C.I.	Winnipeg
NB	YIMING ZHAI	Fredericton H.S.	Fredericton
NL	PRAJWALA CHEDELLA	Holy Heart of Mary Reg. H.S.	St. John's
NT	SHAWN DRAGON	Ecole Sir John Franklin H.S.	Yellowknife
NS	MARIA MIHAI	Lockview H.S.	Fall River
ON North	IRAM RAHMAN	Superior Col. and Vocational Institute	Thunder Bay
ON East	AIDAN CUI	Merivale H.S.	Nepean
ON East	SHOUGAN GU	Merivale H.S.	Nepean
ON Metro	WILLIAM DAI	Marc Garneau C.I.	North York
ON Central	ZIA NG LI	Ridley College High School	St Catharines
ON West	HANSHENG LIU	London Central S.S.	London
ON West	LE HAN ZHU	Guelph C. and V.I.	Guelph
QC	SOHON YE	College Jean Eudes	Montreal
SK	ZHEXIAN ZHANG	Campbell C.I.	Regina
YT	JACKSON BERRY	F.H. Collins School	Whitehorse

#	Pascal	Cayley	Fermat
1	B	C	D
2	C	D	E
3	C	A	E
4	E	B	C
5	A	C	D
6	C	E	A
7	A	E	B
8	B	A	C
9	D	E	B
10	D	A	B
11	E	C	E
12	C	B	B
13	B	C	A
14	A	E	E
15	A	B	B
16	E	A	C
17	B	C	A
18	D	B	A
19	C	D	B
20	C	A	D
21	43	93	20
22	20	20	05
23	59	61	24
24	28	23	60
25	28	24	81

Number of Contestants / Nombre de concurrents: 19723

Average mark / Note moyenne: 87.89

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

#	Correct Answer/ Bonne Réponse	A	B	C	D	E	% not attempted/ % sans réponse
1	B	0.84	95.66	1.62	1.23	0.41	0.23
2	C	0.06	0.12	99.47	0.18	0.06	0.11
3	C	0.47	1.90	96.56	0.62	0.19	0.26
4	E	0.21	0.28	0.50	1.23	97.43	0.35
5	A	94.96	0.87	0.58	1.25	1.29	1.06
6	C	1.09	1.11	93.17	1.42	1.01	2.21
7	A	88.09	0.87	1.56	2.87	6.10	0.51
8	B	22.60	58.33	5.28	4.99	2.05	6.75
9	D	3.12	10.13	5.71	69.96	7.70	3.37
10	D	2.19	6.63	4.12	73.45	4.20	9.41
11	E	3.20	5.27	7.70	9.90	64.86	9.07
12	C	2.31	6.69	71.12	2.47	7.47	9.93
13	B	7.10	80.77	3.43	2.06	2.22	4.42
14	A	24.49	5.47	24.06	31.62	5.54	8.83
15	A	41.56	13.03	8.26	23.86	3.41	9.90
16	E	3.71	8.57	8.64	11.71	53.87	13.50
17	B	2.07	51.18	3.71	16.27	19.64	7.12
18	D	3.68	9.11	8.18	49.21	3.11	26.69
19	C	15.57	13.33	33.05	18.90	3.71	15.41
20	C	10.42	11.46	28.54	6.88	12.58	30.08

#	Correct Answer/ Bonne Réponse	Answer (Percentage)/ Réponse (Pourcentage)	1st/1er	2nd/2e	3rd/3e	4th/4e	5th/5e	% not attempted/ % sans réponse
21	43	43 (36.90)	88 (4.01)	27 (2.27)	13 (1.58)	78 (1.41)	28.42	
22	20	20 (22.82)	21 (3.30)	24 (2.97)	19 (2.66)	14 (2.50)	47.71	
23	59	44 (11.06)	59 (8.37)	41 (0.91)	39 (0.87)	56 (0.63)	62.77	
24	28	28 (1.87)	3 (1.18)	4 (1.01)	21 (0.90)	12 (0.71)	79.48	
25	28	15 (2.23)	7 (1.58)	35 (1.54)	23 (1.20)	8 (1.03)	77.37	

For each of Question 21 to 25, the five most popular answers are shown (ranked 1st to 5th) along with, in parentheses, the percentage of participants who chose that answer. / Pour chacune des questions 21 à 25, les cinq réponses les plus courantes sont indiquées (classées de la 1ère à la 5ème) avec, entre parenthèses, le pourcentage de participants qui ont choisi cette réponse.

Number of Contestants / Nombre de concurrents: 15992

Average mark / Note moyenne: 91.40

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

#	Correct Answer/ Bonne Réponse	A	B	C	D	E	% not attempted/ % sans réponse
1	C	3.40	0.24	95.74	0.29	0.11	0.23
2	D	2.17	0.61	0.15	95.60	1.35	0.13
3	A	97.97	0.19	0.38	1.31	0.07	0.09
4	B	1.48	97.05	0.58	0.17	0.61	0.12
5	C	4.09	3.37	90.90	1.09	0.19	0.36
6	E	2.52	2.41	0.66	0.59	92.28	1.54
7	E	5.01	3.62	1.51	7.13	76.24	6.50
8	A	78.55	2.31	11.54	1.50	1.67	4.43
9	E	4.43	11.49	34.95	2.26	37.61	9.25
10	A	31.75	14.07	20.24	6.02	4.71	23.21
11	C	2.35	1.94	91.24	1.51	1.91	1.04
12	B	5.83	79.43	3.32	8.19	2.08	1.14
13	C	8.06	14.50	64.88	2.06	2.38	8.11
14	E	11.15	3.13	6.15	7.71	65.49	6.37
15	B	4.44	55.68	2.61	26.78	2.65	7.85
16	A	62.83	8.04	3.64	3.14	4.21	18.15
17	C	2.64	5.69	67.87	11.71	4.03	8.06
18	B	4.20	60.02	5.00	5.14	4.34	21.29
19	D	7.08	6.93	9.44	51.63	2.60	22.30
20	A	22.05	9.36	11.68	7.61	7.64	41.60

#	Correct Answer/ Bonne Réponse	Answer (Percentage)/ Réponse (Pourcentage)	1st/1er	2nd/2e	3rd/3e	4th/4e	5th/5e	% not attempted/ % sans réponse
21	93	93 (24.99)	50 (2.88)	6 (1.61)	0 (1.52)	43 (0.82)	50.51	
22	20	20 (26.63)	21 (3.23)	19 (2.34)	15 (1.98)	24 (1.92)	46.75	
23	61	61 (5.07)	66 (1.68)	50 (0.72)	59 (0.69)	64 (0.60)	71.07	
24	23	9 (3.60)	31 (2.09)	23 (2.04)	5 (1.69)	41 (1.60)	64.49	
25	24	5 (1.16)	7 (1.14)	3 (1.07)	4 (0.81)	6 (0.79)	78.53	

For each of Question 21 to 25, the five most popular answers are shown (ranked 1st to 5th) along with, in parentheses, the percentage of participants who chose that answer. / Pour chacune des questions 21 à 25, les cinq réponses les plus courantes sont indiquées (classées de la 1ère à la 5ème) avec, entre parenthèses, le pourcentage de participants qui ont choisi cette réponse.

Number of Contestants / Nombre de concurrents: 13568

Average mark / Note moyenne: 89.26

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

#	Correct Answer/ Bonne Réponse	A	B	C	D	E	% not attempted/ % sans réponse
1	D	2.23	0.42	1.40	95.71	0.18	0.07
2	E	0.44	0.86	0.64	0.20	97.66	0.20
3	E	0.29	0.15	0.26	0.21	98.75	0.33
4	C	0.34	1.05	94.30	1.72	2.29	0.31
5	D	1.21	0.21	0.27	97.05	0.94	0.32
6	A	75.58	8.02	3.20	5.90	5.24	2.06
7	B	3.57	87.04	3.35	2.96	1.91	1.17
8	C	0.80	1.59	92.10	1.89	2.44	1.18
9	B	1.10	91.73	1.85	1.98	1.33	2.01
10	B	23.14	49.16	3.10	13.72	1.56	9.32
11	E	1.76	4.67	4.91	11.23	71.59	5.84
12	B	8.94	68.46	2.34	5.63	9.04	5.59
13	A	87.23	3.96	1.48	1.67	0.71	4.95
14	E	2.31	8.00	9.66	3.72	69.11	7.20
15	B	7.69	63.11	4.36	3.97	3.13	17.76
16	C	25.53	5.03	24.23	5.04	7.07	33.09
17	A	65.16	5.68	6.43	2.92	2.71	17.08
18	A	26.72	9.72	12.72	7.21	6.78	36.79
19	B	17.59	23.96	10.36	7.17	1.98	38.86
20	D	10.54	6.06	6.68	13.96	15.82	46.84

#	Correct Answer/ Bonne Réponse	Answer (Percentage)/ Réponse (Pourcentage)	1st/1er	2nd/2e	3rd/3e	4th/4e	5th/5e	% not attempted/ % sans réponse
21	20	20 (27.28)	21 (3.35)	19 (2.93)	24 (2.06)	15 (1.88)	46.39	
22	5	5 (5.36)	1 (4.81)	4 (2.53)	0 (1.42)	2 (1.32)	74.84	
23	24	24 (2.06)	23 (0.82)	11 (0.80)	9 (0.80)	10 (0.71)	77.98	
24	60	48 (2.28)	60 (1.00)	74 (0.71)	24 (0.55)	32 (0.50)	81.32	
25	81	0 (4.45)	20 (0.77)	54 (0.76)	16 (0.56)	25 (0.54)	79.16	

For each of Question 21 to 25, the five most popular answers are shown (ranked 1st to 5th) along with, in parentheses, the percentage of participants who chose that answer. / Pour chacune des questions 21 à 25, les cinq réponses les plus courantes sont indiquées (classées de la 1ère à la 5ème) avec, entre parenthèses, le pourcentage de participants qui ont choisi cette réponse.

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	6228	6210	4213
149				98	6447	6465	4451
148				97	6758	6734	4741
147				96	7038	7001	4991
146			8	95	7366	7319	5269
145	18		9	94	7647	7603	5569
144	20	5	12	93	7964	7854	5882
143				92	8197	8074	6146
142	58	30	18	91	8515	8381	6413
141				90	8802	8620	6710
140				89	9154	8917	6930
139	123	61		88	9523	9120	7343
138	128	73	38	87	9835	9373	7611
137	235	134	53	86	10168	9610	7865
136	241	145	54	85	10505	9873	8079
135	348		82	84	10843	10099	8315
134	349	214	84	83	11143	10389	8573
133	417	272	98	82	11493	10624	8901
132	445	321	100	81	11793	10844	9114
131	598	440	136	80	12106	11015	9315
130	626	472	137	79	12394	11237	9510
129	751	578	173	78	12682	11455	9721
128	772	612	176	77	13032	11683	9998
127	904	702	203	76	13366	11868	10270
126	950	804	208	75	13641	12056	10448
125	1188	998	295	74	13935	12216	10628
124	1242	1091	300	73	14184	12393	10784
123	1412	1232	364	72	14463	12599	10978
122	1464	1333	367	71	14775	12785	11206
121	1655	1476	464	70	15052	12932	11390
120	1740	1630	481	69	15287	13080	11520
119	2023	1824	664	68	15537	13246	11664
118	2094	1959	679	67	15766	13401	11791
117	2310	2114	841	66	16013	13550	11947
116	2373	2261	868	65	16262	13682	12113
115	2574	2408	1029	64	16470	13813	12203
114	2703	2633	1058	63	16666	13947	12314
113	3011	2811	1296	62	16909	14090	12408
112	3112	3007	1340	61	17079	14229	12525
111	3388	3211	1580	60	17280	14348	12626
110	3499	3422	1618	59	17472	14448	12703
109	3747	3612	1866	58	17642	14558	12777
108	3919	3888	1953	57	17829	14661	12858
107	4240	4099	2296	56	17998	14779	12926
106	4391	4368	2393	55	18153	14878	12984
105	4718	4633	2718	54	18300	14948	13036
104	4875	4896	2830	53	18392	15034	13084
103	5161	5163	3135	52	18520	15143	13134
102	5366	5422	3324	51	18658	15228	13194
101	5706	5692	3686	50	18761	15302	13222
100	5918	5966	3862	49	18837	15354	13260

Score/ Note	Pascal Rank/ Position	Cayley Rank/ Position	Fermat Rank/ Position
48	18897	15421	13283
47	18974	15476	13313
46	19060	15521	13349
45	19143	15570	13380
44	19196	15594	13401
43	19236	15633	13416
42	19283	15668	13431
41	19350	15719	13453
40	19416	15754	13475
39	19451	15775	13487
38	19476	15800	13490
37	19493	15823	13495
36	19526	15854	13511
35	19569	15869	13518
34	19600	15883	13526
33	19609	15892	13528
32	19622	15904	13535
31	19639	15915	13540
30	19662	15931	13545
29	19673	15937	13548
28	19675	15942	13549
27	19678	15949	13550
26	19679	15956	13553
25	19688	15961	13555
24	19695	15967	13558
23	19700	15969	13559
22	19703	15972	13560
21	19709	15975	13562
20	19711	15978	13563
19	19716	15983	
18		15984	13565
17	19717		13566
16		15985	
15	19719	15988	
14			
13			
12	19721	15989	
11	19722	15990	
10		15991	

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	1
430 - 439	5	1	0
420 - 429	19	4	3
410 - 419	24	17	2
400 - 409	25	29	5
390 - 399	33	47	16
380 - 389	39	53	19
370 - 379	61	59	33
360 - 369	66	77	36
350 - 359	52	64	55
340 - 349	82	71	59
330 - 339	78	62	73
320 - 329	91	75	78
310 - 319	62	71	90
300 - 309	61	63	111

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

Pascal Contest / Concours Pascal: 1030

Cayley Contest / Concours Cayley: 964

Fermat Contest / Concours Fermat: 986



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2023
Results

2023
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

2023
Fermat Contest/Concours Fermat
Team Honour Rolls/Palmarès d'équipes

Rank/Rang	School/École	City/Ville	Score/Note
1	Marc Garneau C.I.	North York	428
2	York House School - Senior	Vancouver	423
3	Mulgrave School	West Vancouver	414
4	Walnut Grove S.S.	Langley	409
5	Lord Byng S.S.	Vancouver	408
5	University of Toronto Schools	Toronto	408
7	Western Canada H.S.	Calgary	404
8	Elgin Park S.S.	Surrey	398
8	Markville S.S.	Markham	398
10	St. Theresa of Lisieux C.H.S.	Richmond Hill	397
11	Collingwood School - Morven Campus	West Vancouver	396
11	Richmond Hill H.S.	Richmond Hill	396
13	College Jean Eudes	Montreal	394
13	Merivale H.S.	Nepean	394
15	Bloor C.I.	Toronto	392
16	Bayview S.S.	Richmond Hill	391
17	R.E. Mountain S.S.	Langley	390
17	Upper Canada College Upper School	Toronto	390
19	Guelph C. and V.I.	Guelph	388
19	Halifax Grammar School	Halifax	388
19	Laurel Heights Secondary School	Waterloo	388
19	Semiahmoo S.S.	Surrey	388
23	Abbey Park H.S.	Oakville	386
23	William Lyon Mackenzie C.I.	North York	386
25	Eric Hamber S.S.	Vancouver	384
25	Iroquois Ridge H.S.	Oakville	384
25	Sir Winston Churchill H.S.	Calgary	384
25	St. Robert C.H.S.	Thornhill	384
29	Ridley College High School	St Catharines	383
30	Turner Fenton S.S.	Brampton	382
30	Waterloo C.I.	Waterloo	382
32	Herzliah H.S. (Snowdon)	Montreal	381
32	Rockridge S.S.	West Vancouver	381
34	Lawrence Park C.I.	Toronto	380
34	Moscrop S.S.	Burnaby	380
36	Victoria Park C.I.	North York	379
37	Appleby College	Oakville	378
37	Burnaby North S.S.	Burnaby	378
37	Kuper Academy	Kirkland	378
37	Pinetree S.S.	Coquitlam	378
37	R.C. Palmer S.S.	Richmond	378
37	Richmond S.S.	Richmond	378
37	St. George's School	Vancouver	378
44	London Central S.S.	London	376
44	Port Moody Sr. S.S.	Port Moody	376
44	The Woodlands Sec. School	Mississauga	376
44	Vincent Massey S.S.	Windsor	376
44	Walter Murray C.I.	Saskatoon	376
49	Burnaby Mountain S.S.	Burnaby	374
49	Henry Wise Wood Sr. H.S	Calgary	374

2023
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 - 146			
CHEN DANIEL		Vancouver	10
CHOI JADEN	Mulgrave School	West Vancouver	11
DAI WILLIAM	Marc Garneau C.I.	North York	11
QU GUANCHEN	Lord Byng S.S.	Vancouver	11
YE SOHON	College Jean Eudes	Montreal	11

Group II/Groupe II			
Scores/Notes 145 - 139			
KUANG YUHAN	Pickering College	Newmarket	11
LI YI LING	York House School - Senior	Vancouver	11
LI ZIA NG	Ridley College High School	St Catharines	11
LIU ZEHAO		Vancouver	10
LU WILLIAM		Vancouver	10
MA EMILY	Marc Garneau C.I.	North York	11
WANG CYNTHIA	York House School - Senior	Vancouver	11
WANG TSZTOK	Mulgrave School	West Vancouver	11
WU MELODY	Richmond S.S.	Richmond	11
YU YI		Richmond	10
ZHAN BOWEN	Semiahmoo S.S.	Surrey	11
ZHANG JEFFERY	University of Toronto Schools	Toronto	11
ZHANG JINGHE	Walnut Grove S.S.	Langley	11
ZHANG ZHEXIAN	Campbell C.I.	Regina	11
ZHAO ANDY	R.C. Palmer S.S.	Richmond	11

Group III/Groupe III			
Scores/Notes 138 - 136			
CHEN EDWIN	Waterloo C.I.	Waterloo	11
CHEN IRENA	St. Clement's School	Toronto	11
CHEN JEFFREY	David Thompson S.S.	Vancouver	9
CHEN JOHNNIE	Renert School	Calgary	11
CHEN MATTHEW	Richmond Hill H.S.	Richmond Hill	10
DAI YIHE	William Aberhart H.S.	Calgary	11
DONG PAUL	Western Canada H.S.	Calgary	11
HAN AARON	Fraser Heights S.S.	Surrey	11
HAO JACKIE	Elgin Park S.S.	Surrey	10
HU KEVIN	Bloor C.I.	Toronto	11
JUNG DAVID	Abbey Park H.S.	Oakville	11
LEE HARRY	Riverside S.S.	Port Coquitlam	11
LEUNG HENRY	Lawrence Park C.I.	Toronto	11
LI MELANIE	Lord Byng S.S.	Vancouver	10
LI XIAOYANG	Southpointe Academy	Delta	11
LI ZANDER	Laurel Heights Secondary School	Waterloo	10
LIU HANSHENG	London Central S.S.	London	11
LIU XUEFENG	Kuper Academy	Kirkland	11
MAI TIMOTHY	R.E. Mountain S.S.	Langley	11
MIHAI MARIA	Lockview H.S.	Fall River	10
PAN DERICK	Rockridge S.S.	West Vancouver	11
PU GRACE	Marc Garneau C.I.	North York	11
SHEN ALEXANDER	Markville S.S.	Markham	11

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group III/Groupe III

Scores/Notes 138 - 136

SUN	JIAHONG	Collingwood School - Morven Ca	West Vancouver	9
TIAN	WILLIAM	St. Theresa of Lisieux C.H.S.	Richmond Hill	11
TIANCI	YE		Vancouver	11
WANG	XUEZHI	Royal St. George's College	Toronto	11
WANG	ZHI QUAN	Western Canada H.S.	Calgary	11
YIN	WENYAO		Vancouver	11
YOO	JEFF	Grandview Heights Secondary	Surrey	11
ZHANG	ERIK	Lillian Osborne H.S.	Edmonton	11
ZHOU	CLEMENT	Elgin Park S.S.	Surrey	10
ZHU	LE HAN	Guelph C. and V.I.	Guelph	11

Group IV/Groupe IV

Scores/Notes 135 - 130

BLUSKOV	ANTHONY	West Vancouver S.S.	West Vancouver	11
BONDILI	AJITH	Turner Fenton S.S.	Brampton	11
CADSBY	MIA	University of Toronto Schools	Toronto	11
CHAN	PATRICK	Pinetree S.S.	Coquitlam	10
CHANG	KHARIS	Western Canada H.S.	Calgary	11
CUI	AIDAN	Merivale H.S.	Nepean	11
DAI	JERRY	J.N. Burnett S.S.	Richmond	11
DONG	XINYAN	Burnaby North S.S.	Burnaby	9
DU	XINYUN	St. Robert C.H.S.	Thornhill	10
FU	CHRIS	Stouffville D.H.S.	Stouffville	9
GU	SHOUGAN	Merivale H.S.	Nepean	11
HA	ANDREW	Burnaby Mountain S.S.	Burnaby	10
HE	JINCHENG	Collingwood School - Morven Ca	West Vancouver	11
HOFFMAN	ALLAN	Herzliah H.S. (Snowdon)	Montreal	11
HUANG	EDWARD	McCanny Secondary School	Scarborough	11
JI	XIAOWEI	Richmond Hill H.S.	Richmond Hill	11
JIANG	SHUO	University of Toronto Schools	Toronto	11
JINDAL	CHINMA Y	Harold M. Brathwaite S.S.	Brampton	10
KIM	HANGYUL	Walnut Grove S.S.	Langley	11
KIM	MINSEO K	Yale S.S.	Abbotsford	11
LI	ANGELA	Branksome Hall	Toronto	11
LI	LEO	Waterdown D.H.S.	Waterdown	11
LI	NINA	York House School - Senior	Vancouver	11
LI	SUNNY	Old Scona Academic H.S.	Edmonton	11
LIN	ETHAN	Seaquam S.S.	Delta	8
LIU	JIAQI	Halifax Grammar School	Halifax	9
LIU	MICHAEL	Bayview S.S.	Richmond Hill	11
LIU	VALEN	West Island College	Calgary	10
LU	ANTHONY	Eric Hamber S.S.	Vancouver	11
PENG	MARK	The Woodlands Sec. School	Mississauga	11
PHILIP	TOM	William Lyon Mackenzie C.I.	North York	11
PIERA	HERMAN	Henry Wise Wood Sr. H.S	Calgary	11
PU	JAMES	Markville S.S.	Markham	11
PU	JINGKUN	Fieldstone King's College Scho	Toronto	9
QIN	TIANYI	Moscrop S.S.	Burnaby	11
QIU	MAX	TMS School	Richmond Hill	11
ROZSA	BALINT	Bloor C.I.	Toronto	11
SHARMA	SAMRIDHI	John Oliver S.S.	Vancouver	11
SHEN	XIAOCHEN	Halifax Grammar School	Halifax	11

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group IV/Groupe IV

Scores/Notes 135 - 130

SU	SIENNA	Iroquois Ridge H.S.	Oakville	10
SUI	ERIC	Merivale H.S.	Nepean	11
SUN	JASON QIRAN	Iroquois Ridge H.S.	Oakville	9
SUN	KIRAN	St. George's School	Vancouver	11
TAN	RYAN	Newmarket H.S.	Newmarket	11
TAO	LYNN	Markville S.S.	Markham	11
TOMCHYSHYN	MASON	Fort Saskatchewan Sr. H.S.	Fort Saskatchewan	11
TU	KEVIN	Dr. Norman Bethune C.I.	Scarborough	11
WANG	ANDREW		North York	10
WANG	ARTHUR	Upper Canada College Upper Sch	Toronto	11
WANG	HAOYU JERRY	St. John's School	Vancouver	11
WEI	HOLLY	Pensionnat Saint-Nom-De-Marie	Outremont	10
WU	TOMMY	Upper Canada College Upper Sch	Toronto	11
WU	YILIN JERRY	St. Theresa of Lisieux C.H.S.	Richmond Hill	11
XIE	LARRIS	Bayview S.S.	Richmond Hill	11
YAN KLASSEN	TRISTAN	Eric Hamber S.S.	Vancouver	11
YANG	DAVID	University of Toronto Schools	Toronto	10
YANG	ROBERT	Walter Murray C.I.	Saskatoon	10
YOOK	SUNSLIA	South Delta S.S.	Delta	11
YU	RIVER	Preston H.S.	Cambridge	11
YUAN	YALIANG	Branksome Hall	Toronto	10
ZHANG	LEGOLAS	Vincent Massey S.S.	Windsor	10
ZHANG	RYAN	Dr. G.W. Williams S.S	Aurora	11
ZHANG	TIANHENG	Marc Garneau C.I.	North York	11
ZHANG	WILLIAM	Sir Winston Churchill H.S.	Calgary	11
ZHANG	XIAOXING	Walnut Grove S.S.	Langley	11
ZHANG	YUFEI		Vancouver	11
ZHENG	HAOWEI	Upper Canada College Upper Sch	Toronto	11

Group V/Groupe V

Scores/Notes 129 - 124

BAJAJ	AMBER	Appleby College	Oakville	11
CHAI	ANDI	Marc Garneau C.I.	North York	11
CHAN	KI YAN	Sir Winston Churchill H.S.	Calgary	11
CHEN	ANDREW	Walter Murray C.I.	Saskatoon	10
CHEN	GAVIN	Abbey Park H.S.	Oakville	9
CHEN	JASON	Semiahmoo S.S.	Surrey	11
CHEN	PAUL	Merivale H.S.	Nepean	11
CHEN	RACHEL		Windsor	9
CHEN	RAYMOND	St. Theresa of Lisieux C.H.S.	Richmond Hill	11
CHO	JAYDEN	Kennebecasis Valley H.S.	Rothsay	11
CUI	MAX	Sir Winston Churchill S.S.	Vancouver	11
DAI	CHLOE	Mentor College	Mississauga	11
DAI	MINGQING	Merivale H.S.	Nepean	11
DAYAN	JEREMY	Herzliah H.S. (Snowdon)	Montreal	11
DE MENECH	ALESSANDRO	A.B. Lucas S.S.	London	11
FENG	LEYI	Moscrop S.S.	Burnaby	11
FU	YUYUN	Havergal College	North York	11
GARG	ADI	Seaquam S.S.	Delta	11
GE	LILY	Cameron Heights C.I.	Kitchener	11
GE	YIJUN	Abbey Park H.S.	Oakville	11
GENG	JIATAO	Georges Vanier S.S.	North York	11

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V

Scores/Notes 129 - 124

HO	SISSI	Crofton House School	Vancouver	11
HONG	JERRY	Marc Garneau C.I.	North York	10
HONGYE	WU	Victoria Park C.I.	North York	11
HU	CHENGYU		Vancouver	11
HU	KYLE	Markham District H.S.	Markham	11
HUANG	DAVID	Ecole Int'l Lucille-Teasdale	Brossard	11
HUANG	JEREMY	College St. Louis	Lachine	11
HUANG	KENNY	University of Toronto Schools	Toronto	11
HUANG	KEVIN	Laurel Heights Secondary Schoo	Waterloo	11
HUANG	OLIVIA	Marc Garneau C.I.	North York	11
HUYNH	BAO NHI	College Jean Eudes	Montreal	11
JAIN	DAEVIK	Pickering H.S.	Ajax	11
JI	SION	Burnaby Mountain S.S.	Burnaby	11
JIA	LEO	Pierre Elliott Trudeau H.S.	Markham	11
JIANG	ALBERT		West Vancouver	8
JIN	SHENGHUA	Port Moody Sr. S.S.	Port Moody	10
JINGXING	LIANG	Milliken Mills H.S.	Markham	11
JUNG	YOUJIN	R.E. Mountain S.S.	Langley	11
LAI	LEI TING	Richmond Hill H.S.	Richmond Hill	10
LAZARCHYK	ANTON		North York	8
LEI	STORM	College Jean de Brebeuf - Seco	Montreal	11
LI	AARON	Holy Trinity C.S.S.	Oakville	9
LI	XIUMING	Collingwood School - Morven Ca	West Vancouver	8
LIM	JONGHOON	Glenlyon Norfolk School	Victoria	11
LIM	YEJOO	Pinetree S.S.	Coquitlam	11
LIN	LOUIS	Rockridge S.S.	West Vancouver	11
LIN	OU	Marc Garneau C.I.	North York	11
LING	QIANQI	The Study	Westmount	11
LINU	YINUO	Waterloo C.I.	Waterloo	11
LIU	EVAN	Colonel By S.S.	Gloucester	11
LIU	JERRY	Milliken Mills H.S.	Markham	11
LIU	JIANUO	Meadowridge School	Maple Ridge	10
LIU	MINRUI	Eastview S.S.	Barrie	10
LIU	PATRICK	Guelph C. and V.I.	Guelph	11
LIU	REECE	St. George's School	Vancouver	11
LIU	TANYA	Moscrop S.S.	Burnaby	11
LIU	VINCENT	Victoria Park C.I.	North York	11
LIU	ZEDI	Burnaby Central S.S.	Burnaby	11
LU	YONGRONG	Havergal College	North York	11
MA	YINGHANG	Sir Winston Churchill S.S.	Vancouver	11
MAKKAR	ADITYA	Turner Fenton S.S.	Brampton	11
MELKONIAN	NOAH	University of Toronto Schools	Toronto	11
NITOI	JUSTIN	Anderson C. and V.I.	Whitby	11
OH	JUSTIN	Merivale H.S.	Nepean	11
OH	SHAUN	Sardis S.S.S.	Chilliwack	11
PEDDI	TEJA	Laurel Heights Secondary Schoo	Waterloo	11
PENG	WEIXIANG		Vancouver	11
PREVOST	NATAL	Ecole Joseph Francois Perrault	Montreal	9
QIAN	HONGJUN	Appleby College	Oakville	10
QIAO	YUNZHE	Bluevale C.I.	Waterloo	11
QU	GRETA		North York	8
QU	VINCENT	St. Robert C.H.S.	Thornhill	11

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V

Scores/Notes 129 - 124

RAHMAN	IRAM	Superior Col. and Vocational I	Thunder Bay	11
RAMZI	KHALIL	The Woodlands Sec. School	Mississauga	11
RIDDOLLS	ELIZABETH	Merivale H.S.	Nepean	11
SHETAGAR	MANISH	Westwood Community H.S.	Fort McMurray	11
SHI	ZHANCHEN	Trinity College School	Port Hope	10
SHIN	HYEONWOO	R.E. Mountain S.S.	Langley	11
SHIN	SEUNGMIN		Coquitlam	11
SIRBU	PATRICK	Durham Academy Secondary Schoo	Oshawa	11
SUN	MAX	William Lyon Mackenzie C.I.	North York	11
SURYADEVARA	SAI PRANEETH	John Fraser S.S.	Mississauga	11
THOMPSON	SAPPHO	Cobequid Educational Centre	Truro	11
TONG	GEORGE	Deer Lake Seventh-day Adventis	Burnaby	10
TSE	ANDI	Bayview S.S.	Richmond Hill	11
TU	CHRISTAL	Port Moody Sr. S.S.	Port Moody	11
WANG	DANIEL	Merivale H.S.	Nepean	11
WANG	FENGTAO	Laurel Heights Secondary Schoo	Waterloo	11
WANG	HANNAH	St. Augustine C.H.S.	Markham	11
WANG	HAORUI	Nelson H.S.	Burlington	11
WANG	JASON	Sir Winston Churchill H.S.	Calgary	11
WANG	JONATHAN	John F. Ross C.V.I.	Guelph	11
WANG	JOSHUA	Newmarket H.S.	Newmarket	11
WANG	ZIYI	Highland Academy of Canada	Vaughan	11
WEN	JIARUI	St. Thomas of Villanova	Windsor	11
WU	CHRIS	Bell High School	Nepean	11
WU	DANIE L	Bayview S.S.	Richmond Hill	11
WU	RAYMOND	Vincent Massey S.S.	Windsor	11
XIAO	XIN		Coquitlam	11
XIE	WILLIAM	Guelph C. and V.I.	Guelph	11
XIONG	DAWSON	Victoria Park C.I.	North York	11
XU	ALEX		SASKATOON	10
XU	CHENAN	Albert College	Belleville	11
XU	ZIJIN	R.A. McMath S.S.	Richmond	10
XUE	JIAN NAN	William Lyon Mackenzie C.I.	North York	11
YAN	YUREN	R.E. Mountain S.S.	Langley	11
YANG	NEIL	Appleby College	Oakville	11
YE	DANIEL	William Lyon Mackenzie C.I.	North York	11
YU	AARON	Markville S.S.	Markham	11
YU	BU		Richmond	10
YU	DEREK	Port Moody Sr. S.S.	Port Moody	11
YU	SABRINA	Hawthorn School for Girls	North York	11
YU	SAMUEL		Calgary	11
YUSUF	OMAR	Burnaby Central S.S.	Burnaby	11
ZHAI	YIMING	Fredericton H.S.	Fredericton	11
ZHANG	BRIAN	Heart Lake S.S.	Brampton	11
ZHANG	DAVID	York Mills C.I.	North York	9
ZHANG	EVAN	St. Robert C.H.S.	Thornhill	10
ZHANG	JEFFREY	Earl Haig S.S.	North York	9
ZHANG	PHIL	Burnaby North S.S.	Burnaby	11
ZHANG	YANG YANG	Bloor C.I.	Toronto	11
ZHAO	DANIEL	Harry Ainlay H.S.	Edmonton	11
ZHENG	EILEEN		Vancouver	11
ZHENG	JOSHUA	Walnut Grove S.S.	Langley	11

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V

Scores/Notes 129 - 124

ZHU	AARON	William Lyon Mackenzie C.I.	North York	11
ZHU	BOWEN	Lawrence Park C.I.	Toronto	11

2023
Fermat Contest/Concours Fermat
Team Honour Rolls/Palmarès d'équipes
International

Rank/Rang	School/École	City/Ville	Score/Note
1	Hefei No.8 High School	Hefei	440
2	Kultur Science High School	Istanbul	426
3	H.S. Affiliated to Nanjing Normal Uni.	Nanjing Jiangsu	416
4	Cranbrook Kingswood Upper School	Bloomfield Hills	401
5	Philippine Science High School	Quezon City	394
5	Transitions Lab Prep School	Thiruvananthapuram	394
7	Private Technical Schools	Kocaeli	392
8	SpringLight Education	Cupertino	391
9	Shanghai American School (West Campus)	Shanghai	390
10	Private Bilfen Uskudar Science H.S.	Uskudar Istanbul	388
10	Wardaya College	West Jakarta DKI Jakarta	388
12	Guangdong Bright Scholar Ivy Education	Foshan City	378
13	American Collegiate Institute	Izmir	376
14	Chinese Int'l School	Hong Kong	375
14	Graceland Int'l School	Port Harcourt	375
14	NIST International School	Bangkok	375
17	Seoul International School	Sungnam	373
18	7 on 7 Academy	Mumbai	372
18	Izmir Bahcesehir High School for Science	Izmir	372
20	K. International School Tokyo	Tokyo	371
21	Bahcesehir Eskisehir College	Eskisehir	370
22	Franklin High School	Elk Grove	366
22	Itu Gvo Ekrem Elginkan H.S.	Istanbul	366
22	Ozel Antalya Nesibe Aydin Fen ve Anadolu	Antalya	366
25	ACS International	Singapore	365
25	Pui Ching M.S.	Kowloon City	365
27	Sukromna spojena skola British Internati	Bratislava	362
28	BASIS International School Parklane Harb	Park Lane Harbour XiaChon	361
28	Int'l Christian Quality Music School	Kowloon	361
28	Jurong Country Garden School	Jurong	361
31	Antalya Maya Okullari	Muratpasa/Antalya	360
31	German Swiss International School	Hong Kong	360
31	Tsuen Wan Public Ho Chuen Yiu Memorial C	Tsuen Wan	360
31	YANCHENG FOREIGN LANGUAGE SCHOOL	YANCHENG	360
35	UWCSEA Dover Campus	Singapore	359
36	Chengdu No 7 H. S. Gaoxin Campus	Chengdu	358
36	International School Manila	Taguig City	358
36	Saint-Joseph Private French High School	Istanbul	358
39	Coppell H.S.	Coppell	356
39	Ted Bodrum College	Mugla	356
41	International Community School Singapore	Singapore	355
41	Taipei European School	Taipei	355
43	ODTU Mersin College	Mersin	354
44	Cheongna Dalton School	Incheon	352
44	Wuxi Dipont School of Arts and Science	Wuxi City	352
46	Beijing New Talent Academy	Beijing	350
46	Gyeonggi Suwon Int'l Sch.	Suwon Gyeonggi-do	350
46	Ritsumeikan Uji Junior & Senior H.S.	Uji Kyoto	350
49	Branksome Hall Asia	Seogwipo-si	349
49	ICAE	Troy	349
49	Young Mathematician Association	Tehran	349

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants
International

Name/Nom	School/École	Location/Endroit	Grade/Niveau
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Group I/Groupe I

Scores/Notes 150 - 143

HU	XIANWEN	Hefei No.8 High School	Hefei	10
LIU	ZIKANG	Hefei No.8 High School	Hefei	11
NARRA	RITWIN	SpringLight Education	Cupertino	10
ZHOU	ZIMO	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
ZHU	BAONI	Hefei No.8 High School	Hefei	10

Group II/Groupe II

Scores/Notes 142 - 137

AKDOGAN	SAMUEL SAMI	Kultur Science High School	Istanbul	11
AKGOL	CANBERK	Kultur Science High School	Istanbul	11
ALAM	AAZAM	Dubai International Academy	Dubai	11
BASTEMIR	CAN	Private Technical Schools	Kocaeli	11
CHUN	JOSEPH	Seoul International School	Sungnam	11
DELA FUENTE	JENCE ENRICO	Philippine Science High School	Quezon City	11
EKEN	MEHMET KEREM	Kultur Science High School	Istanbul	11
ERDOGAN	CAGAN	Kultur Science High School	Istanbul	11
EVRENGUL	YUSUF EREN	Izmir Bahcesehir High School f	Izmir	11
GULLER	EFE GURAV	Kultur Science High School	Istanbul	11
HACIOGLU	ILGIN	Kultur Science High School	Istanbul	11
KHURANA	GAURANG	Pace Junior Science College Ne	Mumbai	11
SAHIN	OZGE	Kultur Science High School	Istanbul	11
SEO	JUNHO	Cranbrook Kingswood Upper Scho	Bloomfield Hills	9
ULUCAM	ESMA	Kultur Science High School	Istanbul	11

Group III/Groupe III

Scores/Notes 136 - 130

ABEDI	KAMRAN	Young Mathematician Associatio	Tehran	11
CHEN	MICHAEL	German Swiss International Sch	Hong Kong	11
CHEW	XIN RU	Shanghai American School (West	Shanghai	11
CHIU	PIT SHUN	Tsuen Wan Public Ho Chuen Yiu	Tsuen Wan	11
CIFTCI	ILGIN SU	Kultur Science High School	Istanbul	11
DE VERA	HANS GABRIEL	Philippine Science High School	Quezon City	10
DINGKAI	LEI	Guangdong Bright Scholar Ivy E	Foshan City	11
ELSLEY	JASPER	Rivendell Academy of Fremont	Fremont	11
GUO	YIMING	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
IM	JOSHUA	Korean Minjok Leadership Acade	Hoengseong	11
KIM	BRANDON	NIST International School	Bangkok	11
KIM	MINJOON	Cheongna Dalton School	Incheon	11
KIM	MINWOO	ACS International	Singapore	11
KWON	OHRUN	UWCSEA Dover Campus	Singapore	11
LIN	ZIXUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
LU	CHENGXUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
MAHESHWARI	ANANT	K. International School Tokyo	Tokyo	11
NICHOLAS K	YEDIJA	Wardaya College	West Jakarta DKI Jak	11
ORNEK	AHMET BERKIN	Private Bilfen Uskudar Science	Uskudar Istanbul	11
QIAN	ZHIYUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
RASTOGI	SHASHVAT	Transitions Lab Prep School	Thiruvananthapuram	11
RASTOGI	VIVASVAT	Transitions Lab Prep School	Thiruvananthapuram	11
SARMA	ARJUN	Transitions Lab Prep School	Thiruvananthapuram	8

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants
International

Group III/Groupe III

Scores/Notes 136 - 130

SHAH	AADIT	Transitions Lab Prep School	Thiruvananthapuram	11
TANACI	DENIZ	American Collegiate Institute	Izmir	11
UNWANA JACOB	UWAKMFON	Graceland Int'l School	Port Harcourt	11
WANG	HANJING	Shanghai American School (West	Shanghai	11
WANG	ZHE	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
XU	XILIN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
ZHANG	SHAOHUAN	Cranbrook Kingswood Upper Scho	Bloomfield Hills	9
ZHAO	ANNAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
ZHONG	COCO	Chinese Int'l School	Hong Kong	8

Group IV/Groupe IV

Scores/Notes 129 - 123

AANGIRAS	SHRADDHA	RV PU College	Bangalore	11
ANG	JIA QI	Guangzhou Tianxing Experimenta	Guangzhou	11
ARKAN	KEREM	Private Bilfen Uskudar Science	Uskudar Istanbul	11
ATASOY	OMER FARUK	Bahcesehir Eskisehir College	Eskisehir	11
AYDIN	OGUZ KAGAN	Private Technical Schools	Kocaeli	11
BULBUL	AZRA EYLUL	Ozel Antalya Nesibe Aydin Fen	Antalya	11
CAO	JINMING	Chengdu No 7 H. S. Gaoxin Camp	Chengdu	10
CHADHA	YASH	7 on 7 Academy	Mumbai	11
CHEN	DANIEL	International School of Macao	Taipa	11
CHO	JAEWOOK	Daegu International School	Daegu	11
CHO	MINJAE	Sukromna spojena skola British	Bratislava	10
GUNDOGAN	YAGIZ	Ted Bodrum College	Mugla	11
GUNDUZ	EMIR RIZA	Private Bilfen Uskudar Science	Uskudar Istanbul	11
HO	DANIEL	Franklin High School	Elk Grove	8
HO	ETHAN	Franklin High School	Elk Grove	11
HUANG	YUFEI	Daystar Academy Beijing	Beijing	11
JACOB	UWAKMFON	Graceland Int'l School	Port Harcourt	11
JAIN	AYUSH	The Shri Ram School Aravali	Gurugram Haryana	11
JIN	YINZHE	Guangdong Bright Scholar Ivy E	Foshan City	11
KAKAD	RAYAAN	7 on 7 Academy	Mumbai	11
KARUN	NAVEEN	SpringLight Education	Cupertino	11
KESUMA	XAVIER	SMA SANTA LAURENSIA	Tangerang Selatan	11
KHURANA	ANYA	Tanglin Trust School	Singapore	11
KIM	JINHONG	Stonehill International School	Bangalore	11
KIM	MINHONG	Gyeonggi Suwon Int'l Sch.	Suwon Gyeonggi-do	11
KITAS UTAMA	I N NARAYAN	Wardaya College	West Jakarta DKI Jak	11
LAU	MARCUS	The South Island School	Aberdeen	11
LEGASPI	PATRIC	Philippine Science High School	Quezon City	10
LI	JIALI	Shenzhen Grit Academy	Shenzhen	11
LI	SIYING	Chongqing No.1 International	Yubei	11
MAGNAYE	JOHN DAVID	Philippine Science High School	Quezon City	11
MAO	ZIXUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
MARFATIA	ANSH	Transitions Lab Prep School	Thiruvananthapuram	10
MEHTA	AASHMAN	Birla Vidya Niketan	New Delhi	11
MENGUBAS	EYLUL	Bahcesehir Eskisehir College	Eskisehir	11
PAREDES	ERICH	International School Manila	Taguig City	11
PARK	CHLOE	Prime Academy	Tenafly	11
PARK	JAE EUN	NIST International School	Bangkok	11
PRAYOGO	RAFAEL NEVAN	Wardaya College	West Jakarta DKI Jak	11
SABHAR WA L	SHIRIN	7 on 7 Academy	Mumbai	11

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants
International

Group IV/Groupe IV

Scores/Notes 129 - 123

SAHAY	ISHAAN	7 on 7 Academy	Mumbai	11
SHAH	KHUSHALLI	7 on 7 Academy	Mumbai	11
SHARMA	ANAISHA	7 on 7 Academy	Mumbai	11
SONMEZ	ARDA	Izmir Ataturk Lisesi	Izmir	11
SUZUKI	KEISHI	Ritsumeikan Uji Junior & Se	Uji Kyoto	11
TANOJO	FERDINAND	Wardaya College	West Jakarta DKI Jak	11
TANOTO	JONATAN	Wardaya College	West Jakarta DKI Jak	11
TIANYI	SHI	ACS International	Singapore	11
UCAR	DILEM	ODTU Mersin College	Mersin	11
UNNIKRISHNAN	VIKRAM	Bombay International School	Mumbai	11
WANG	CHONGYI	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
WANG	XIAOMO	Hefei No.8 High School	Hefei	11
WANG	ZELI NG	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
WONG	HO TUNG	Pui Ching M.S.	Kowloon City	11
WONG	LONG HIN	Int'l Christian Quality Music	Kowloon	11
WU	QINGYANG	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
XU	YUXUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
YAN	OWEN	Shanghai American School (West	Shanghai	11
ZHANG	GRACE	Cranbrook Kingswood Upper Scho	Bloomfield Hills	11
ZHANG	JASON	ICAE	Troy	11
ZHANG	JIARUI	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
ZHANG	PAUL	BASIS International School Par	Park Lane Harbour Xi	9
ZHANG	YANBO	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
ZHU	EDWARD	Chinese Int'l School	Hong Kong	11

Group V/Groupe V

Scores/Notes 122 - 118

ABARA	THEODORE	International School Manila	Taguig City	11
ABDULLA	EBRAHIM	Ibn Khuldoon National School	Isa Town	11
AGGARWAL	VIRAJ	Transitions Lab Prep School	Thiruvananthapuram	11
AHN	SEOJEONG	Branksome Hall Asia	Seogwipo-si	10
AHN	SUNG JAE	Saint Johnsbury Academy Jeju	Seogwipo si	11
AJMERA	ARYAMAN	7 on 7 Academy	Mumbai	11
ALGHARAIBEH	AHMAD	The International Academy-Amma	Amman	11
AMADEUS BRYAN	MATTHEW	Wardaya College	West Jakarta DKI Jak	11
ARIK	ILAYDA	Ozel Antalya Nesibe Aydin Fen	Antalya	11
AYCICEK	BORA	Kultur2000 College	Buyukcekmece/Istanbu	11
BAGCI	ALANUR	Saint-Joseph Private French Hi	Istanbul	11
BAGRI	AADYA	Transitions Lab Prep School	Thiruvananthapuram	11
BARLASS	AHMET TUNA	Itu Gvo Ekrem Elginkan H.S.	Istanbul	11
BAROT	YASHVARDHAN	7 on 7 Academy	Mumbai	11
BEDIR	ZEYNEP SEVCAN	Itu Gvo Ekrem Elginkan H.S.	Istanbul	11
BORAN	SONG	Pui Ching M.S.	Kowloon City	11
BOYRAZ	ALI CINAR	Itu Gvo Ekrem Elginkan H.S.	Istanbul	11
BUYUKKARAMAN	NILDA	Ozel Antalya Nesibe Aydin Fen	Antalya	11
C	KABIR	Transitions Lab Prep School	Thiruvananthapuram	11
CAI	JITONG	Beijing New Talent Academy	Beijing	11
CAI	WENPENG	YANCHENG FOREIGN LANGUAGE SCHO	YANCHENG	11
CAI	WUPENG	YANCHENG FOREIGN LANGUAGE SCHO	YANCHENG	11
CELIK	DILEM	TVO Ozel Sisli Terakki Tepeore	Istanbul	11
CHA ND	SIDD H	7 on 7 Academy	Mumbai	11
CHAN	RALPH	Canadian Int'l School of Hong	Aberdeen	11

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants
International

Group V/Groupe V

Scores/Notes 122 - 118

CHANDRA	TVISHA	Transitions Lab Prep School	Thiruvananthapuram	11
CHANGRANI RASTOGI	ANAMIKA	Transitions Lab Prep School	Thiruvananthapuram	11
CHAWLA	KABIR	The Cathedral and John Connon	Mumbai	11
CHEN	MATTHEW	Taipei European School	Taipei	11
CHEN	YUXUAN	YANCHENG FOREIGN LANGUAGE SCHO	YANCHENG	11
CHENG	YUANZHU	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
CHIN	SIA	Ivy Collegiate School	Seo-gu	11
CHOKSI	ADITYA	Transitions Lab Prep School	Thiruvananthapuram	11
DAI	WEI	Guangdong Bright Scholar Ivy E	Foshan City	11
DANNY	SHAUN	7 on 7 Academy	Mumbai	11
DATWANI	AAKASH	Somani International School	Mumbai	11
DERINKAYA	BURAK	Private Technical Schools	Kocaeli	11
DIMAYACYAC	ARMEA HELENA	Philippine Science High School	Quezon City	11
DIZON	JOHN FLORENCE	Philippine Science High School	Quezon City	11
ENAGANTI	AKSHAJ	ICAE	Troy	11
ERICEK	MERIC EGE	Izmir Bahcesehir High School f	Izmir	11
FONG	KWAN CHING	St. Mary's Canossian College	Tsimshatsui Kowloon	11
FU	JESSICA	Nansha College Preparatory Aca	Guangzhou	11
GALANZA	SEAN KEN	Philippine Science High School	Quezon City	11
GENCER	BETUL	Alkev Private H. S.	Istanbul	11
GENG	YUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
GERMEN	ATAHAN	Bilfen Antalya High School	Antalya	11
GOYAL	ANVESHI	Coppell H.S.	Coppell	11
GURCAN	CAGAN	Itu Gvo Ekrem Elginkan H.S.	Istanbul	11
GURCAN	ISIL EKIN	Kultur Science High School	Istanbul	11
HAYASHI	KAITO	K. International School Tokyo	Tokyo	11
HONG	ALLEN	Shanghai American School (West	Shanghai	11
HU	YUEBO	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
HUANG	GUANMING	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
ISKANDEROV	ELDAR	Educational complex Ilim	Bishkek	11
JACOB	BENJAMIN	Philippine Science High School	Quezon City	11
JAIN	AARNAV	7 on 7 Academy	Mumbai	11
JHAVERI	DEV	7 on 7 Academy	Mumbai	11
JIA	DONG	Jurong Country Garden School	Jurong	11
JUNG	JUNHYE	International School of Prague	Prague	11
K A B R A	A A Y A N	7 on 7 Academy	Mumbai	11
KANDOI	SHAURYA	7 on 7 Academy	Mumbai	11
KARA	MEHMET MERT	Ordu Bahcesehir Koleji	ORDU	11
KARABEKE	MUSTAFA	Terakki Foundation Schools	Istanbul	11
KASHYAP	ISHAAN	Coppell H.S.	Coppell	11
KAYA	YAVUZ	Saint-Joseph Private French Hi	Istanbul	11
KILIC	DENIZ	Bestepe Koleji - Anatolian Hig	Ankara	11
KIM	EUNSU	Sukromna spojena skola British	Bratislava	10
KIM	HYUNA	AISG American International	Guangzhou	11
KIM	WONWHIE	Saint Johnsbury Academy Jeju	Seogwipo si	11
KIMWELL	ATHENA	Philippine Science High School	Quezon City	10
KITAMURA	THOMAS JADE	Philippine Science H.S. Centra	Argao	11
KOERNER	MARCEL	Canadian Int'l School of Hong	Aberdeen	11
KOLLURU	ARUSHI	The International School Banga	Bangalore	11
KUMAR	ANEESH	Transitions Lab Prep School	Thiruvananthapuram	11
KUMAR	ARNAV	K. International School Tokyo	Tokyo	11
KWOK	KIN HEI	Pui Ching M.S.	Kowloon City	11

2023
Fermat Contest/Concours Fermat
Student Honour Roll/Palmarès d'étudiants
International

Group V/Groupe V

Scores/Notes 122 - 118

KWON	YIHAN	International Community School	Singapore	11
LEE	KANGHOON	International Community School	Singapore	11
LEUNG	CHUN WING	Int'l Christian Quality Music	Kowloon	11
LEUNG	MICHAEL CHUN	Int'l Christian Quality Music	Kowloon	11
LI	BOKUN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
LI	XINYI	German Swiss International Sch	Hong Kong	11
LILLANEY	JYOTINDRA	Transitions Lab Prep School	Thiruvananthapuram	11
LIN	MATTHEW	Taipei European School	Taipei	11
LIU	ERIC	BASIS International School Par	Park Lane Harbour Xi	11
LIU	NATHAN	Coppell H.S.	Coppell	8
LIU	QINGYING	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
MADJID	PASHA	Wardaya College	West Jakarta DKI Jak	11
MAGPANTAY	DAVIS NICHOLC	Philippine Science High School	Quezon City	11
MU	RUIBIN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
NORCIO	ETHAN ANILOV	Philippine Science High School	Quezon City	11
OZ	IBRAHIM ERDEM	Antalya Maya Okullari	Muratpasa/Antalya	11
OZKAN	IPEK	Bahcesehir Eskisehir College	Eskisehir	11
OZSOY	YUNUS EMRE	American Collegiate Institute	Izmir	11
PAUL CHOUDHURY	DRON	DPS International School	New Delhi	11
PENG	SHANGLING	Chengdu No 7 H. S. Gaoxin Camp	Chengdu	10
PIPARAIYA	REINA	7 on 7 Academy	Mumbai	11
RASSA	MERT	Saint-Joseph Private French Hi	Istanbul	11
SAHIN	IREM	METU DF High School - Denizli	Denizli	11
SAM JOHNSON	JOEL	Ressu Upper S.S.	Helsinki	11
SANDHU	RAVI	Miramonte High School	Orinda	11
SEN	ERAY	Antalya Maya Okullari	Muratpasa/Antalya	11
SEN	KUNTAY	Antalya Maya Okullari	Muratpasa/Antalya	11
SETH	AAHAAN	7 on 7 Academy	Mumbai	11
SETH	KANAV	Transitions Lab Prep School	Thiruvananthapuram	11
SHAH	AADITYA	Transitions Lab Prep School	Thiruvananthapuram	11
SHANKAR	AAKASH	The Cathedral and John Connon	Mumbai	11
SHARMA	GAURAV	Gyeonggi Suwon Int'l Sch.	Suwon Gyeonggi-do	10
SHEN	BELLA	Wuxi Dipont School of Arts and	Wuxi City	11
SHEN	ZITONG	Nanjing Foreign Language Schoo	Nanjing	10
SHIN	MINSIK	Seoul International School	Sungnam	11
TANAKA	AMANE	K. International School Tokyo	Tokyo	11
TANTO	RAYMOND	SIMETRI	Tangerang	10
THAMPARANON	RAWIT	Ruamrudee International School	Bangkok	11
TROPICALES	BERT JACOB	Philippine Science High School	Quezon City	11
TURK	AHMET	American Collegiate Institute	Izmir	11
VARHA	VOLODYMYR	The American School in Switzer	Montagnola	11
WANG	GUANYU	Ulink College of Suzhou Indust	Suzhou Jiangsu	10
WE I	GUANGZE	Jurong Country Garden School	Jurong	11
YANG	RUIHENG	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
YANG	YUXIN	Jurong Country Garden School	Jurong	11
YIN	RENXI	Wuxi Dipont School of Arts and	Wuxi City	11
YIN	SIYUAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	10
YIP	TYLER	Chinese Int'l School	Hong Kong	11
ZHOU	SHANGYU	Guangdong Bright Scholar Ivy E	Foshan City	11
ZHUANG	JINYU	Tsuen Wan Public Ho Chuen Yiu	Tsuen Wan	11