



The CENTRE for EDUCATION  
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION  
en MATHÉMATIQUES et en INFORMATIQUE

[www.cemc.uwaterloo.ca](http://www.cemc.uwaterloo.ca)

**2018**

***Results***

***Euclid Contest***

**2018**

***Résultats***

***Concours Euclide***



UNIVERSITY OF  
**WATERLOO**

**Centre for Education in Mathematics and Computing Faculty and Staff /  
Personnel du Centre d'éducation en mathématiques et informatique**

Ed Anderson	Angie Hildebrand
Jeff Anderson	Carrie Knoll
Terry Bae	Judith Koeller
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Jennifer Doucet	Kim Schnarr
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Steve Furino	Troy Vasiga
John Galbraith	Christine Vender
Robert Garbary	Heather Vo
Rob Gleeson	Jessica Won
Sandy Graham	Tim Zhou
Conrad Hewitt	

**Problems Committee / Comité des problèmes**

Fiona Dunbar (Chair / présidente), University of Waterloo, Waterloo, ON  
Steve Brown, University of Waterloo, Waterloo, ON  
Serge D'Alessio, University of Waterloo, Waterloo, ON  
Charlotte Danard, Toronto, ON  
Garry Kiziak, Burlington, ON  
Jeremy Klassen, Ross Shepherd H.S., Edmonton, AB  
Darren Luoma, Bear Creek S.S., Barrie, ON  
Alex Pintilie, Crescent School, Toronto, ON  
David Pritchard, Los Angeles, CA  
Laurissa Werhun, Parkside C.I., Toronto, ON  
Peter Wood, University of Waterloo, Waterloo, ON

### Overall Comments

Congratulations to all of the participants in the 2018 Euclid Contest. The average score in 2018 was 54.6. We were very pleased that almost all students achieved some success on the early parts of the paper. At the same time, the later parts of these problems managed to challenge the top students even more than last year's problems. Special congratulations go to the 45 official contestants who achieved scores of 90 and higher this year.

We at the Centre for Education in Mathematics and Computing believe strongly that it is very important for students to both learn to solve mathematics problems and learn to write good solutions to these problems. Many students do a reasonable job of writing solutions, while others still include no explanation whatsoever.

Special thanks go to the Euclid Committee that annually sets the Contest problems and manages to achieve a very difficult balancing act of providing both accessible and challenging problems on the same paper.

To the students who wrote, the parents who supported them, and the teachers who helped them along the way, thank you for your continuing participation and support. We hope that you enjoyed the Contest and relished the challenges that it provided. We hope that mathematics contests continue to feed your love for and interest in mathematics.

### Specific Comments

1. Average: 9.5

Very well done. In parts (a) and (b), the most common errors were arithmetical or were introduced by incorrectly copying the equation. In part (c), the most common error was in the relationship between the cost of gum and the cost of the chocolate.

2. Average: 9.4

Very well done. In (a), the most frequent error was not using all five of the required digits. In (b), some errors in the use of the Pythagorean Theorem were found. In part (c), most errors involved not getting the point of intersection as (3, 6).

3. Average: 9.2

Well done. In parts (a) and (b), some students struggled with squaring a binomial. In part (c), some students gave point  $P$  back as their answer for point  $Q$ .

4. Average: 7.2

Students struggled with (a) and did not show much structure in their approach. Part (b) was well done, although some students tried to incorporate the given example ( $f(34)$ ) in their solution.

5. Average: 6.7

Many students did well on part (a). Most students followed the Alternate Solution and computed the areas of the triangle and hexagon. Part (b) was also generally well done. Most students solved this problem by dropping a perpendicular from  $P$  to  $OA$ . Many students used the formula  $\text{area } \triangle OPA = \frac{1}{2}(OP)(OA) \sin(\angle POA)$  and were able to solve this problem in a few lines.

6. Average: 6.3

In part (a), students who did not get the correct answer often factored correctly and then did not know how to proceed. Most students who attempted (b) were able to calculate  $t_1 = 27$ . There were many ways to calculate  $t_2$ . A common error was finding a value for  $t_2$ , but forgetting to add it to the time already elapsed. Another common error was working backwards to calculate the second time, but forgetting to subtract from 99. We saw some nice solutions where students visualized the problem by writing Karuna's and Jorge's speeds as piecewise functions and graphing these.

## 7. Average: 2.3

Students found part (a) to be challenging. In respectable attempts, a common error was to fix the order of the canoes, but inconsistently. In incorrect solutions, we often saw some insightful counting that would still get a mark. For part (b), we saw many solutions similar to both Solutions 1 and 2. A common incorrect assumption was to assume the sides of the square are horizontal and vertical.

## 8. Average: 1.6

In part (a), we were pleased to see a lot of students successfully simplify the given equation using rules for logarithms and the prime factorizations of 48 and 162. In order to arrive at a correct exact solution, students often followed the approach in the posted solutions. However, we also saw some a large number of slick solutions using the definition of logarithm to eventually determine that both sides of the equation equal  $\frac{8}{3}$  from which one can determine that  $x = \sqrt{6}$ . Part (b) was challenging. As with many geometry problems, there are many reasonable things to try. For this problem, similar triangles or something equivalent is the key to finding a solution. Particularly clever answers managed to avoid some of the algebra in the posted solutions by using trigonometry, or by constructing a perpendicular from  $P$  to  $DC$  to find congruent triangles and/or rectangles.

## 9. Average: 1.5

Many students correctly demonstrated a tiling in part (a) and an understanding of how to extend small tilings into infinitely many larger tilings. We expected careful rigorous justification to earn full marks in parts (b) and (c). In particular, it does not seem possible to fully answer part (c) without providing an explicit tiling of the  $5 \times 9$  (or  $9 \times 5$ ) case.

## 10. Average: 0.8

We saw many correct values for  $A_4$  in the first part of this last problem. With a little bit of extra persistence, many students also provided a correct proof in part (b). Also in (b), an additional group of students incorrectly assumed that the result was true and used it to derive true statements, rather than deriving the result. As expected, the last part of this last question was very challenging and we did not see many students make significant progress.

**Please visit our website at [cemc.uwaterloo.ca](http://cemc.uwaterloo.ca) to download the 2018 Euclid Contest, plus full solutions.**

### Commentaires Généraux

Félicitations à tous les participants du Concours Euclide 2018. La note moyenne était 54,6. Nous avons eu le plaisir de constater que presque tous les élèves ont eu du succès dans les premières questions. De plus, les dernières parties de ces problèmes présentaient un plus grand défi pour les meilleurs étudiants que l'année dernière. Des félicitations spéciales vont aux 45 concurrents officiels qui ont atteint une note supérieure ou égale à 90 sur 100.

Le Centre d'éducation en mathématiques et en informatique croit fortement qu'il est très important pour les étudiant(e)s d'apprendre à résoudre des problèmes de mathématiques ainsi que d'apprendre à écrire de bonnes solutions à ces problèmes. Plusieurs étudiants développent leurs solutions raisonnablement bien, tandis que d'autres n'incluent aucune explication avec leurs réponses.

Un grand merci va au comité du concours Euclide qui rassemble annuellement les problèmes du concours et réussit à accomplir la tâche difficile de concevoir des problèmes accessibles et stimulants sur le même examen.

Un grand merci aux étudiant(e)s qui ont écrit, aux parents qui les ont soutenus et aux enseignant(e)s qui les ont aidés pour votre participation continue et votre soutien. Nous espérons que vous avez apprécié le concours et savouré les défis qu'il a présentés. Nous espérons que les concours de mathématiques continuent à nourrir votre amour et intérêt pour les mathématiques.

### Remarques particulières

1. Moyenne: 9,5

Cette question a été très bien réussie. Dans les parties (a) et (b), les erreurs étaient surtout de nature arithmétique. De plus, certains élèves ont mal copié l'équation. Dans la partie (c), l'erreur la plus commune découlait de la relation entre le coût d'une palette de chocolat et celui d'un paquet de gomme.

2. Moyenne: 9,4

Cette question a été très bien réussie. Dans la partie (a), bon nombre d'élèves n'ont pas utilisé tous les cinq chiffres de l'entier. Dans la partie (b), des erreurs ont été commises dans l'utilisation du théorème de Pythagore. Dans la partie (c), bon nombre d'élèves n'ont pas déterminé correctement les coordonnées (3, 6) du point d'intersection.

3. Moyenne: 9,2

Cette question a été bien réussie. Dans les parties (a) et (b), certains élèves ont éprouvé de la difficulté à élever le binôme au carré. Dans la partie (c), certains élèves ont redonné les coordonnées de  $P$  comme coordonnées du point  $Q$ .

4. Moyenne: 7,2

Les élèves ont éprouvé de la difficulté dans la partie (a) et leur approche manquait de structure. La partie (b) a été bien réussie, même si certains élèves ont tenté d'utiliser l'exemple ( $f(34)$ ) dans leur solution.

5. Moyenne: 6,7

Beaucoup d'élèves ont bien réussi la partie (a). La plupart d'entre eux ont calculé explicitement l'aire du triangle ainsi que celle de l'hexagone. La partie (b) a aussi été bien réussie. La plupart des élèves ont abaissé une perpendiculaire à  $OA$  à partir de  $P$ . Beaucoup d'élèves ont utilisé la formule  $\frac{1}{2}(OP)(OA) \sin(\angle POA)$  pour l'aire du triangle  $OPA$ , ce qui leur a permis de résoudre le problème en quelques lignes.

6. Moyenne: 6,3

Dans la partie (a), bon nombre d'élèves ont réussi à procéder jusqu'à l'étape de la factorisation, mais n'ont pas su comment continuer. La plupart des élèves qui ont entamé la partie (b) ont réussi à obtenir  $t_1 = 27$ . Il y avait plusieurs façons d'obtenir  $t_2$ . Assez souvent, on obtenait  $t_2$ , tout en oubliant d'ajouter le temps déjà écoulé. D'autres ont procédé à rebours pour calculer le deuxième temps, tout en oubliant de soustraire

de 99. Certains élèves ont résolu le problème de façon intéressante en considérant les vitesses de Karuna et de Jorge comme fonctions définies par intervalles et en utilisant leurs représentations graphiques.

7. Moyenne: 2,3

La partie (a) a présenté défi. Dans certaines approches, l'ordre des canots était fixé, mais de façon incohérente. Dans d'autres approches erronées, certaines façons de compter faisaient preuve de perspicacité et ont pu se mériter des points. Dans la partie (b), bon nombre de solutions ressemblaient à la solution 1 ou à la solution 2 du corrigé. Bon nombre d'élèves ont supposé incorrectement que les côtés du carré devaient être horizontaux ou verticaux.

8. Moyenne: 1,6

Dans la partie (a), il a été agréable de constater que beaucoup d'élèves ont réussi à simplifier l'équation donnée en utilisant les lois des logarithmes et à exprimer 48 et 162 en factorisation première. Beaucoup d'entre eux ont utilisé avec succès la solution proposée. On a aussi vu des solutions astucieuses qui montraient que chaque membre de l'équation était égal à  $\frac{8}{3}$ , d'où on pouvait démontrer que  $x = \sqrt{6}$ . La partie (b) présentait un bon défi. Comme c'est souvent le cas en géométrie, plusieurs approches étaient possibles. La clé du succès portait sur les triangles semblables. Des solutions astucieuses ont fait appel à la trigonométrie, ce qui facilitait l'algèbre. D'autres ont abaissé une perpendiculaire du point  $P$  au côté  $DC$  pour obtenir des triangles isométriques ou des rectangles.

9. Moyenne: 1,5

Beaucoup d'élèves ont tracé un pavage dans la partie (a), tout en montrant une compréhension de la façon de prolonger des petits pavages pour obtenir une infinité de plus grands pavages. On a exigé une justification rigoureuse avant d'accorder le maximum de points dans les parties (b) et (c). En particulier, il ne semble pas possible de bien répondre à la partie (c) sans présenter un pavage du cas  $5 \times 9$  (ou  $9 \times 5$ ).

10. Moyenne: 0,8

Beaucoup d'élèves ont réussi à déterminer la valeur de  $A_4$  dans la partie (a). Bon nombre d'entre eux ont fait preuve de persévérance pour réussir la partie (b). Dans la partie (b), bon nombre d'élèves ont supposé que le résultat était vrai pour aboutir à des énoncés vrais, ce qui est incorrect. Comme il fallait s'y attendre, la partie (c) était très difficile et peu d'élèves ont réussi à avancer de façon significative.

**Veillez visiter notre site Web à [cemc.uwaterloo.ca](http://cemc.uwaterloo.ca) pour télécharger le Concours Euclide 2018, avec solutions complètes.**

**STUDENTS / ÉLÈVES**

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

<b>Plaques</b>	Jeffrey Liu	Marc Garneau C.I.	North York, ON
	Victor Rong	Marc Garneau C.I.	North York, ON
	Yun chi Tang	Centennial C. and V.I.	Guelph, ON
	Boya Yang	Burnaby South S.S.	Burnaby, BC
	Zixiang Zhou		London, ON

**Each plaque winner receives a \$500 cash prize from the Centre for Education in Mathematics and Computing. /**

**Chaque élève qui reçoit une plaque recevra aussi un prix de 500 \$ du Centre d'éducation en mathématiques et en informatique.**

<b>Honourable Mentions / Mentions Honorables</b>	Steven Chow	Albert Campbell C.I.	Scarborough, ON
	Howard Halim	University of Toronto Schools	Toronto, ON
	Michael Li	Marc Garneau C.I.	North York, ON
	Andrew Lin	University Hill S.S.	Vancouver, BC
	Ethan Liu	University of Toronto Schools	Toronto, ON
	Alexander Monteith piston	Colonel By S.S.	Gloucester, ON
	Cui Qinyu		Montreal, QC
	Nicholas Sullivan	Ashbury College	Rockcliffe, ON
	Edmond Tuong	Old Scona Academic H.S.	Edmonton, AB
	Sean Wang	Point Grey S.S.	Vancouver, BC
	Scott Xu	Vincent Massey S.S.	Windsor, ON
	Matthew Yang		Markham, ON
	Bill Zeng	Unionville H.S.	Markham, ON
	Jia yi Zhang	Don Mills C.I.	North York, ON
	William Zhao	Richmond Hill H.S.	Richmond Hill, ON
	Sam Zhou	Sir Winston Churchill S.S.	Vancouver, BC

**Each student awarded an Honourable Mention receives a \$200 cash prize from the Centre for Education in Mathematics and Computing. /**

**Chaque élève qui reçoit une mention honorable recevra aussi un prix de 200 \$ du Centre d'éducation en mathématiques et en informatique.**

**TEAMS / ÉQUIPES**

Champion / Première	Marc Garneau C.I.	North York, ON
Second / Deuxième	University of Toronto Schools	Toronto, ON
Third / Troisième	University Hill S.S.	Vancouver, BC
Fourth / Quatrième	Colonel By S.S.	Gloucester, ON
Fifth / Cinquième	Earl Haig S.S.	North York, ON
	Vincent Massey S.S.	Windsor, ON

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

AB	57
BC	203
MB	35
NB	25
NL	20
NS	29
ON	787
PE	5
QC	30
SK	23
YT	2
International	634
Total	<u>1850</u>

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

AB	472
BC	2359
MB	257
NB	171
NL	114
NS	234
ON	10077
PE	49
QC	320
SK	139
YT	7
International	8496
Total	<u>22695</u>

Total number of students enrolled / Nombre d'inscriptions individuelles: 22695



Score/ Note	Rank/ Position	Score/ Note	Rank/ Position
100	1	49	12301
99	2	48	12719
98		47	13106
97		46	13505
96	3	45	13875
95		44	14216
94	5	43	14542
93	6	42	14833
92	13	41	15107
91	20	40	15380
90	31	39	15636
89	46	38	15890
88	63	37	16141
87	83	36	16353
86	99	35	16579
85	124	34	16775
84	156	33	16954
83	211	32	17113
82	280	31	17273
81	349	30	17406
80	424	29	17545
79	509	28	17649
78	631	27	17721
77	757	26	17814
76	899	25	17902
75	1044	24	17975
74	1222	23	18044
73	1433	22	18115
72	1654	21	18168
71	1947	20	18200
70	2225	19	18236
69	2559	18	18263
68	2888	17	18288
67	3208	16	18305
66	3590	15	18324
65	3979	14	18336
64	4409	13	18346
63	4824	12	18358
62	5313	11	18369
61	5835	10	18376
60	6375	9	18383
59	6958	8	18384
58	7499	7	18386
57	8115	6	18388
56	8689	5	18390
55	9264	4	18394
54	9833	3	18396
53	10332	2	18398
52	10856	1	18400
51	11374	0	18401
50	11842		

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

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

2018  
Euclid Contest/Concours Euclide  
Team Honour Roll/Palmarès d'équipes

Rank/Rang	School/École	City/Ville	Score/Note
1	Marc Garneau C.I.	North York	282
2	University of Toronto Schools	Toronto	267
3	University Hill S.S.	Vancouver	265
4	Colonel By S.S.	Gloucester	264
5	Earl Haig S.S.	North York	256
5	Vincent Massey S.S.	Windsor	256
7	Centennial C. and V.I.	Guelph	255
7	Pierre Elliott Trudeau H.S.	Markham	255
9	Burnaby South S.S.	Burnaby	254
9	Richmond Hill H.S.	Richmond Hill	254
11	Oakville Trafalgar H.S.	Oakville	253
12	Old Scona Academic H.S.	Edmonton	251
12	Unionville H.S.	Markham	251
14	A.Y. Jackson S.S.	North York	250
15	Iroquois Ridge H.S.	Oakville	249
15	Lower Canada College	Montreal	249
17	Lord Byng S.S.	Vancouver	248
17	Point Grey S.S.	Vancouver	248
19	Victoria Park C.I.	North York	247
20	Appleby College	Oakville	246
20	Richmond S.S.	Richmond	246
20	York Mills C.I.	North York	246
23	Sir Winston Churchill S.S.	Vancouver	245
24	St. Robert C.H.S.	Thornhill	243
24	Waterloo C.I.	Waterloo	243
26	Abbey Park H.S.	Oakville	242
26	Bayview S.S.	Richmond Hill	242
26	Western Canada H.S.	Calgary	242
26	William Lyon Mackenzie C.I.	North York	242
30	A.B. Lucas S.S.	London	241
30	Burnaby North S.S.	Burnaby	241
30	Insight Academy of Canada	Scarborough	241
33	Thornhill S.S.	Thornhill	240
34	Ashbury College	Rockcliffe	239
34	Don Mills C.I.	North York	239
34	Earl of March S.S.	Kanata	239
34	Pinetree S.S.	Coquitlam	239
38	Crescent School	North York	238
38	Marianopolis College	Westmount	238
38	St. Theresa of Lisieux C.H.S.	Richmond Hill	238
41	Gleneagle S.S.	Coquitlam	237
41	Glenforest S.S.	Mississauga	237
41	Sir John A. Macdonald S.S.	Waterloo	237
44	Royal Crown Academic School	North York	236
45	Fraser Heights S.S.	Surrey	235
45	Ridley College M.S.	St Catharines	235
47	Bell H.S.	Nepean	234
47	David Thompson S.S.	Vancouver	234
47	Kelowna Christian School	Kelowna	234
50	Harry Ainlay H.S.	Edmonton	233
50	Prince of Wales S.S.	Vancouver	233
50	St. Joseph C.H.S.	Nepean	233
50	Vaughan S.S.	Thornhill	233

2018  
Euclid Contest/Concours Euclide  
Student Honour Roll/Palmarès d'étudiants

Name/Nom	School/École	Location/Endroit	Grade/Niveau
<b>Group I/Groupe I</b>			
<b>Scores/Notes 100 - 92</b>			
LIU	JEFFREY	Marc Garneau C.I.	North York 12
RONG	VICTOR	Marc Garneau C.I.	North York 11
TANG	YUN CHI	Centennial C. and V.I.	Guelph 11
YANG	BOYA	Burnaby South S.S.	Burnaby 10
ZHOU	ZIXIANG		London 9

<b>Group II/Groupe II</b>			
<b>Scores/Notes 91 - 89</b>			
CHOW	STEVEN	Albert Campbell C.I.	Scarborough 12
HALIM	HOWARD	University of Toronto Schools	Toronto 11
LI	MICHAEL	Marc Garneau C.I.	North York 10
LIN	ANDREW	University Hill S.S.	Vancouver 12
LIU	ETHAN	University of Toronto Schools	Toronto 9
MONTEITH PISTOR	ALEXANDER	Colonel By S.S.	Gloucester 11
QINYU	CUI		Montreal 12
SULLIVAN	NICHOLAS	Ashbury College	Rockcliffe 12
TUONG	EDMOND	Old Scona Academic H.S.	Edmonton 11
WANG	SEAN	Point Grey S.S.	Vancouver 11
XU	SCOTT	Vincent Massey S.S.	Windsor 11
YANG	MATTHEW		Markham 11
ZENG	BILL	Unionville H.S.	Markham 12
ZHANG	JIA YI	Don Mills C.I.	North York 12
ZHAO	WILLIAM	Richmond Hill H.S.	Richmond Hill 11
ZHOU	SAM	Sir Winston Churchill S.S.	Vancouver 11

<b>Group III/Groupe III</b>			
<b>Scores/Notes 88 - 85</b>			
DONG	ANDREW	Centennial C. and V.I.	Guelph 9
GAO	HAIYUE	Harry Ainlay H.S.	Edmonton 12
GONG	YUANYUE	Pierre Elliott Trudeau H.S.	Markham 12
HAN	HALEY	Earl Haig S.S.	North York 12
HESSAMI PILEHROOD	ELNAZ		Halifax 12
HONG	JUN MIN	University Hill S.S.	Vancouver 11
HUANG	YUQING	Lower Canada College	Montreal 12
JIANG	YUANYE	Bond Academy/Bond Int'l Colleg	Scarborough 12
KANG	RICHARD	Dr. E.P. Scarlett H.S.	Calgary 12
KHOUBYARIAN	SOROUSH	Earl Haig S.S.	North York 12
LI	ROGER	Marc Garneau C.I.	North York 10
LI	ZEHUA		Vancouver 12
LI	ZHENING	Sir John A. Macdonald S.S.	Waterloo 9
LIAO	ALEXANDER	Waterloo C.I.	Waterloo 10
MUSTAQEEM	AZIZ	Dr. E.P. Scarlett H.S.	Calgary 12
QIN	YINUO	Lower Canada College	Montreal 11
SHEN	ERIC	University of Toronto Schools	Toronto 9
SITU	KAREN	University Hill S.S.	Vancouver 9
SON	HYEONJIK	A.Y. Jackson S.S.	North York 10
SUN	KAI	A.B. Lucas S.S.	London 12
TANG	DAVID	University of Toronto Schools	Toronto 10
TANG	MAX	Richmond Hill H.S.	Richmond Hill 11

2018  
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Student Honour Roll/Palmarès d'étudiants

Group III/Groupe III

Scores/Notes 88 - 85

WANG	HONGWEI		Vancouver	13
WANG	THEODORE	Colonel By S.S.	Gloucester	12
WEN	YUNFEI	Walter Murray C.I.	Saskatoon	12
YANG	YANZI	Marshall McLuhan C.S.S.	Toronto	12
YOU	QIZHE	Abbey Park H.S.	Oakville	12
YU	EDMOND	Insight Academy of Canada	Scarborough	11
YU	SHILONG	William Lyon Mackenzie C.I.	North York	12
ZHAN	ALBERT	Vincent Massey S.S.	Windsor	12
ZHANG	AN	Oakville Trafalgar H.S.	Oakville	12
ZHANG	HEFAN		Vancouver	11
ZHANG	MINHUI	Vaughan College	Woodbridge	12
ZHANG	YUKAI	Iroquois Ridge H.S.	Oakville	12
ZHAO	JACK	Windermere S.S.	Vancouver	12
ZHENG	LINDA	Colonel By S.S.	Gloucester	12

Group IV/Groupe IV

Scores/Notes 84 - 83

AN	TONY	Marc Garneau C.I.	North York	11
BELL	MATTHEW	Lawrence Park C.I.	Toronto	12
CAI	COLIN		Vancouver	10
CHA	JAEOON	Western Canada H.S.	Calgary	12
CHEN	ZHI YANG	Victoria Park C.I.	North York	10
CHEN	ZHIYAN	Eden H.S.	St Catharines	12
COSTERMANS	XAVIER	Centennial Collegiate	Saskatoon	12
FU	DAIMEI	St. Joseph's Morrow Park H.S.	North York	12
GAO	DICHUAN	Appleby College	Oakville	12
GOSSE	DANIEL	Gonzaga H.S.	St Johns	10
GUO	JINGYI	Victoria Park C.I.	North York	11
HESSAMI PILEHROOD	ANITA	Marc Garneau C.I.	North York	10
HU	TIANXI	University Hill S.S.	Vancouver	12
JIAO	AORAN	York Mills C.I.	North York	11
JIN	HARRY	Oakville Trafalgar H.S.	Oakville	11
KROKHINE	ANNA	University of Toronto Schools	Toronto	10
LI	KEVIN	Colonel By S.S.	Gloucester	11
LI	MENGQI	York Mills C.I.	North York	12
LIAO	YONG XIAN	Handsworth S.S.	North Vancouver	12
LIN	SHIJIE	Lord Byng S.S.	Vancouver	12
LIU	SIYU	Appleby College	Oakville	10
LOUIE	BRADLEY	Burnaby Central S.S.	Burnaby	9
MO	DENNIS	Richmond S.S.	Richmond	12
MOON	YEONJUN	Senator O'Connor College Schoo	North York	12
NGO	CLARISSA	St. Joseph C.H.S.	Nepean	12
NI	HAOYAN	Alexander Mackenzie H.S.	Richmond Hill	11
REMOROV	ANDREY	St. Theresa of Lisieux C.H.S.	Richmond Hill	12
REN	NICHOLAS	Oakville Trafalgar H.S.	Oakville	12
ROMANOV	DMYTRO		Montreal	12
SU	JIANYUAN	Iroquois Ridge H.S.	Oakville	12
SU	YANG	David Thompson S.S.	Vancouver	12
TAN	YIMING	Kitsilano S.S. (English)	Vancouver	12
TAO	SEAN	Bayview S.S.	Richmond Hill	12
WAN	KEVIN	Marc Garneau C.I.	North York	10
WANG	HAIFAN	Silverthorn C.I.	Etobicoke	11

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Group IV/Groupe IV

Scores/Notes 84 - 83

WANG	JESSIE	Aurora H.S.	Aurora	12
WANG	PATRICK	Colonel By S.S.	Gloucester	11
WU	LARRY	Pierre Elliott Trudeau H.S.	Markham	10
YANG	FELIX	St. Robert C.H.S.	Thornhill	11
YE	KEVIH	Burnaby North S.S.	Burnaby	11
YI	YUCHAO	Darwin International Academy	North York	12
YOU	ALEX	Richmond S.S.	Richmond	12
YUAN	ANDREW	Marc Garneau C.I.	North York	11
YUE	MINGZHOU	Holy Trinity C.S.S.	Oakville	11
ZHANG	JEFF	Lord Byng S.S.	Vancouver	10
ZHANG	JIAMU	Ridley College M.S.	St Catharines	11
ZHANG	YONGXING	Kelowna Christian School	Kelowna	10
ZHONG	SI CHENG	A.Y. Jackson S.S.	North York	12
ZHU	ROBERT	Earl Haig S.S.	North York	12
ZOU	MICHAEL	Pierre Elliott Trudeau H.S.	Markham	12
ZOU	XIANGYU	Oakville Trafalgar H.S.	Oakville	12

Group V/Groupe V

Scores/Notes 82 - 79

BAI	RONGZHUO	A.B. Lucas S.S.	London	12
BEINER	GABRIEL	University of Toronto Schools	Toronto	11
BOLDT	VINCENT	E.S.C. Renaissance	Aurora	12
CAI	LEO	Marc Garneau C.I.	North York	12
CHELLIAHPILLAI	YASHAN	Glenforest S.S.	Mississauga	12
CHEN	FRANK	Colonel By S.S.	Gloucester	11
CHEN	PANYU	Earl Haig S.S.	North York	10
CHEN	QUANCHENG	London Int'l Academy	London	12
CHOURASIA	SIMHON	Marc Garneau C.I.	North York	10
CHUNG	YUN EN	St. Patrick's H.S.	Ottawa	12
CUI	LEO	Gleneagle S.S.	Coquitlam	12
DAN	HANSEN	Fraser Heights S.S.	Surrey	10
DEL ROSARIO	ZAIRA	Semiahmoo S.S.	Surrey	11
DESAI	ISHWAR	Fredericton H.S.	Fredericton	12
DING	HANZHANG	St. Andrew's College	Aurora	12
DING	ZICHENG PETEF	Prince of Wales S.S.	Vancouver	11
DONG	BOWEN	Sir Winston Churchill S.S.	Vancouver	12
DONG	XINAO	Lord Byng S.S.	Vancouver	11
DU	QIANQIAN	St. John's-Ravenscourt School	Winnipeg	11
DUPRAS	FREDERIC	Champlain Reg. College - St. L	Saint-Lambert	12
FAN	DIAN	Thornhill S.S.	Thornhill	12
FAN	FRANK	Marc Garneau C.I.	North York	11
FORBES	KATIE	Old Scona Academic H.S.	Edmonton	11
GAO	QIJIA	A.Y. Jackson S.S.	North York	12
GAO	ROLAND	Lord Byng S.S.	Vancouver	11
GAO	SHUO	Glebe Collegiate Institute	Ottawa	12
GU	WENYUE	Lord Byng S.S.	Vancouver	12
GUO	VICTOR	Marc Garneau C.I.	North York	11
HAN	ESTHER	Sentinel S.S.	West Vancouver	12
HONG	HUNTER	Fraser Heights S.S.	Surrey	12
HOTZ	JOEY	Northern S.S.	Toronto	11
HU	ETHAN	Marc Garneau C.I.	North York	9
HUANG	COCO	Bayview S.S.	Richmond Hill	12

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Group V/Groupe V		Scores/Notes 82 - 79		
HUANG	HONG	Kelowna Christian School	Kelowna	12
HUANG	LEIXU	The Bishop Strachan School	Toronto	11
HUANG	LINHUI	John Taylor C.I.	Winnipeg	12
JIANG	ELLIE	Abbey Park H.S.	Oakville	11
JIANG	TIANQI	Lisgar C.I.	Ottawa	10
KANG	ANDREW	Southpointe Academy	Delta	9
KIM	ANDY	Colonel By S.S.	Gloucester	10
KUSALIK	LIAM	The Renert School	Calgary	10
KWON	JIMIN	Branksome Hall	Toronto	12
LAI	ALBERT	Pierre Elliott Trudeau H.S.	Markham	9
LI	BELLA	Earl of March S.S.	Kanata	12
LI	BONNIE	St. Robert C.H.S.	Thornhill	11
LI	JOSHUA	Bell H.S.	Nepean	12
LI	KEHUI	Sacred Heart C.H.S.	Newmarket	12
LI	RACHEL	Colonel By S.S.	Gloucester	12
LI	SHUYUE	Thornhill S.S.	Thornhill	12
LI	XUANZE	Mentor College	Mississauga	11
LIANG	DANIEL	Glenforest S.S.	Mississauga	12
LIANG	DAREN	Fredericton H.S.	Fredericton	12
LIANG	JINGZHI		Halifax	11
LIN	LEAH	Vaughan S.S.	Thornhill	11
LIN	PETER	William Lyon Mackenzie C.I.	North York	9
LIU	JASON	The Woodlands Sec. School	Mississauga	12
LIU	TIANYU	Markham District H.S.	Markham	12
LOWEN	CHAYIM	Champlain Reg. College - St. L	Saint-Lambert	12
LUO	DAVID	Old Scona Academic H.S.	Edmonton	11
LUO	JIHANJIE	Fleetwood Park S.S.	Surrey	12
LUO	QIYA	Royal Crown Academic School	North York	12
LYU	JIANTONG	Marianopolis College	Westmount	12
MAI	STEVEN	University of Toronto Schools	Toronto	11
MYUNG	HYELIM	Sacred Heart C.H.S.	Newmarket	11
NGUYEN	QUANG	Bernice MacNaughton H.S.	Moncton	10
PAN	HARRISON	Pope John Paul II S.S.	Scarborough	12
PROCHAZKA	PATRICK	Pickering College	Newmarket	12
QIU	KENNY	Lord Byng S.S.	Vancouver	12
QU	HARRY	Colonel By S.S.	Gloucester	12
REN	CHENGLONG	Pickering College	Newmarket	12
RHO	HYEMIN	St. Joseph's College School	Toronto	12
SAHAK	HSHMAT	Marc Garneau C.I.	North York	11
SAHOTA	SUKHVEER	Martingrove C.I.	Etobicoke	12
SHAO	MUTIAN	Robert Thirsk High School	Calgary	12
SHEN	EDWARD	Marc Garneau C.I.	North York	10
SHI	PHOEBE	Colonel By S.S.	Gloucester	12
STEINER	EMILY	Waterloo C.I.	Waterloo	12
SU	ZHIHAO	Crescent School	North York	11
SZETO	WILLIAM	University of Toronto Schools	Toronto	9
TANG	HENRY	Marc Garneau C.I.	North York	11
WALDAL	NILE	Western Canada H.S.	Calgary	12
WANG	ANDREW	Victoria Park C.I.	North York	12
WANG	JOSEPH	Bayview S.S.	Richmond Hill	12
WANG	KAIXIN		Vancouver	9
WANG	SIMIN	Brooklyn College	Toronto	12

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Group V/Groupe V		Scores/Notes 82 - 79		
WANG	WILLIAM	Colonel By S.S.	Gloucester	11
WANG	XIAOHAN	William Academy Scarborough	Scarborough	12
WEI	ANDREW	St. George's School	Vancouver	12
WU	CATHERINE	Point Grey S.S.	Vancouver	10
WU	DEREK	Sir Robert Borden H.S.	Nepean	11
WU	PETER	Richmond Hill H.S.	Richmond Hill	12
XIAO	YUNKAI	Dr. Martin Leboldus H.S.	Regina	12
XIE	XINYUE	Marianopolis College	Westmount	12
XING	PETER	Colonel Gray Sr. H.S	Charlottetown	12
XU	ERIC		Vancouver	11
XU	HANYU	Burnaby South S.S.	Burnaby	11
XU	JUSTIN	Turner Fenton S.S.	Brampton	12
XU	QIUSHI	Bishop Allen Academy	Etobicoke	12
XU	XINKAI	North Peace S.S.	Fort St John	11
XU	YINMIN	New Oriental Int'l College	Scarborough	12
YANG	DANIEL	University of Toronto Schools	Toronto	9
YANG	DAO BO	Iroquois Ridge H.S.	Oakville	11
YANG	RUOLAN	Catholic Central H.S.	London	11
YAO	BRIAN	Burnaby North S.S.	Burnaby	11
YAO	CHENXI	Trafalgar Castle School	Whitby	12
YAO	JACKY	Marc Garneau C.I.	North York	12
YI	YUTONG	Unionville H.S.	Markham	11
YU	JOEY	Thornhill S.S.	Thornhill	12
YU	XIAOCHEN	St. Robert C.H.S.	Thornhill	12
YUNPENG	CUI	Vaughan S.S.	Thornhill	12
ZENG	SIMON	Earl of March S.S.	Kanata	12
ZHANG	PAUL	Richmond S.S.	Richmond	12
ZHANG	XIAOLU VICKY	Earl Haig S.S.	North York	12
ZHANG	YIDING	Vincent Massey H.S.	Brandon	12
ZHANG	YUANHONG	Pinetree S.S.	Coquitlam	12
ZHANG	YUNXIANG	Bronte College Of Canada	Mississauga	12
ZHANG	ZHUANGYU	Langley Fundamental M. and S.	Langley	12
ZHAO	HARRY	Marc Garneau C.I.	North York	11
ZHAO	KEVIN	Colonel By S.S.	Gloucester	11
ZHENG	FRANCES	L'Amoreaux C.I.	Scarborough	12
ZHONG	STEVEN	Matthew McNair S.S.	Richmond	11
ZHONG	YANG	Burnaby South S.S.	Burnaby	12
ZHONGHAO	LIU	Ernest Manning H.S.	Calgary	12
ZHOU	KEVIN	Sir John A. Macdonald C.I.	Scarborough	12
ZHOU	QIANQIAN	The Study	Westmount	11
ZHOU	RAYMOND	University of Toronto Schools	Toronto	11
ZHOU	SIYUE	Victoria Park C.I.	North York	12
ZHOU	YANBO	York Mills C.I.	North York	12
ZHOU	YUZE	Pinetree S.S.	Coquitlam	11
ZHOU	ZEHAO	A.Y. Jackson S.S.	North York	12
ZHU	TOM	Bur Oak S.S.	Markham	12
ZHU	YAN	Loretto Abbey C.S.S.	North York	11
ZOU	ALVIN	Prince of Wales S.S.	Vancouver	11

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Rank/Rang	School/École	City/Ville	Score/Note
1	SIMETRI	Tangerang	276
2	Math Trainers Guild of Philippines	Zamboanga City	275
3	H.S. Affiliated to Nanjing Normal Uni.	Nanjing Jiangsu	273
4	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	270
5	Wardaya College	Jakarta Barat	267
6	ICAE	Troy	266
7	Hangzhou New Century Foreign Language Sc	Hangzhou	262
8	SZFTSY-Sendelta International Academy	ShenZhen	261
9	National Junior College	Singapore	260
9	Shenzhen Senior H.S.	Shenzhen	260
11	Rosedale Academy-Shenyang	Shenyang	259
12	Shanghai World Foreign Language M.S.	Shanghai	258
13	UW Shanghai	Shanghai	257
14	Hangzhou Foreign Language School	Hangzhou Zhejiang	256
15	Dalian Ealing Int'l College	Dalian	255
15	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	255
17	Jiangsu Tianyi H.S.	Wuxi Jiangsu	254
17	Shenzhen Foreign Language School	Shenzhen	254
19	High School aff. to Shanghai Jiao Tong U	Shanghai	253
19	Shanghai Australian International School	Shanghai	253
19	Suzhou Int'l Academy BFSU	Suzhou	253
19	UW - Beijing	Beijing	253
23	Harbin Normal University High School	Harbin	252
23	Insight Academy of Canada - Shanghai	Shanghai	252
23	Rosedale Academy Tianjin	Tianjin	252
23	The Affiliated H.S. of Peking University	Beijing	252
23	The Affiliated H.S. of South China Norma	Guangzhou Guangdong	252
28	Nanjing Foreign Language School	Nanjing	251
28	Shanghai Pinghe School	Shanghai	251
28	Shenzhen M.S.	Shenzhen	251
31	Hefei No.8 High School	Hefei	250
31	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	250
33	Cambridge Int'l Ctr. of Shanghai Normal	Shanghai	249
33	No.1 Middle School Affiliated to CCNU	Wuhan	249
33	Philippine Science High School	Quezon City	249
36	Wuxi Big Bridge Academy	Wuxi Jiangsu	248
37	Chengdu Shude H.S.	Chengdu	247
37	Shanghai Guanghua College-Fudan Campus	Shanghai	247
37	UWC Changshu China	Changshu	247
40	Chongqing Foreign Language School	Chongqing	246
40	Chongqing Nankai S. S.	Chongqing	246
40	Taylor's College - Lakeside Campus	Subang Jaya	246
43	Beijing 101 High School	Beijing	243
43	Pui Ching M.S.	Kowloon City	243
43	Shanghai Qibao Dwight H.S.	Shanghai	243
43	Suzhou Foreign Language School	Suzhou	243
47	Henan Experimental High School	Zhengzhou-Henan Province	242
47	Shanghai Starriver Bilingual School	Shanghai	242
47	Wuxi Nol H.S	Wuxi Jiangsu	242
50	Chengdu No 7 H. S. (Gaoxin Campus)	Chengdu	241
50	Int'l Sch. Manila	Taguig City	241
50	National Institute of Technology	Beijing	241
50	Ningbo Xiaoshi H.S.	Ningbo Zhejiang	241





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Name/Nom	School/École	Location/Endroit	Grade/Niveau
<b>Group I/Groupe I</b>			
<b>Scores/Notes 99 - 93</b>			
FADDILA	FARRAS M H SIMETRI	Tangerang	12
GAO	CHUNING	Beijing No.4 High School Internatio	Beijing
JEON	SEBASTIAN	PEN Education	Old Tappan
LIU	YIZHE	UW Shanghai	Shanghai
MAYER	MOSES	Jakarta Int'l School	Jakarta
WANG	DING	Shenzhen Col. of Inter. Education	Shenzhen Guangdong
XU	ZHERUI	Ruthin School	Ruthin
ZHAO	FREDDIE	ICAE	Troy

<b>Group II/Groupe II</b>			
<b>Scores/Notes 92 - 90</b>			
CHUA	EION NIKOLAI	Int'l Sch. Manila	Taguig City
DELA CRUZ	VINCENT	Math Trainers Guild of Philippines	Zamboanga City
DULAY	KYLE PATRICK	Philippine Science High School	Quezon City
HE	GUANGYI	Shenzhen Col. of Inter. Education	Shenzhen Guangdong
KIM	YE GON	Shanghai American School (West Camp	Shanghai
LI	XIANG	Suzhou Int'l Academy BFSU	Suzhou
LIU	BOXI	Shanghai High School	Shanghai
LU	RUIQI	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu
LUO	SHEN YAO	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu
QIN	BILL	Phillips Academy	Andover
SANCHEZ	BRYCE AINSLEY	Math Trainers Guild of Philippines	Zamboanga City
SHAO	CHENRUI	Hangzhou New Century Foreign Langua	Hangzhou
SINGLA	KANAV	Tagore Public School	Ludhiana
TJANDRA	ALFIAN EDGAR	SIMETRI	Tangerang
TJOWASI	V DANTE	Wardaya College	Jakarta Barat
TSE	ALVIN	Yew Chung Int'l School	Kowloon
TY	SEAN ANDERSON	Math Trainers Guild of Philippines	Zamboanga City
WANG	GUANZHAO	Tianjin No.1 High School	Tianjin
WANG	YUANHAO	UWC Changshu China	Changshu
WIRAATMAJA	ANDREW	Wardaya College	Jakarta Barat
YU	JULIAN	Math Trainers Guild of Philippines	Zamboanga City
ZHOU	HENGYU	Shenzhen Foreign Language School	Shenzhen
ZHOU	TIANCHENG	Shanghai Pinghe School	Shanghai
ZHU	YICHEN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu

<b>Group III/Groupe III</b>			
<b>Scores/Notes 89 - 87</b>			
BALETE	IMMANUEL	Math Trainers Guild of Philippines	Zamboanga City
CAO	ZHICHUN	Victoria Junior College	Singapore
CHEN	HAONANN	High School aff. to Shanghai Jiao T	Shanghai
CHEN	HONGMING	Rosedale Academy-Shenyang	Shenyang
CHEN	HUIZHONG	The Affiliated H.S. of Peking Unive	Beijing
CHENG	IAN	Kenneth James Marks Jr.	Cranford
FANG	WEIKE	Shenzhen Senior H.S.	Shenzhen
FU	RONGJUN	SZFTSY-Sendelta International Acade	ShenZhen
HUANG	LIHUI	The Affiliated H.S. of South China	Guangzhou Guangdong
JIN	YIMING	Hefei No.8 High School	Hefei
KONG	WEIYU	Shanghai World Foreign Language M.S	Shanghai

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Group III/Groupe III

Scores/Notes 89 - 87

LI	JINGWEI	National Junior College	Singapore	12
LI	JUNLONG	SZFTSY-Sendelta International Acade	ShenZhen	11
LI	TINGYU	Jiangsu Tianyi H.S.	Wuxi Jiangsu	11
LIN	XIAOFEN	Shanghai Australian International S	Shanghai	12
LIU	BOHUI	Shanghai High School	Shanghai	11
QI	HENGYUAN	Qingdao #2 Middle School-Int'l Foun	Qingdao	11
SHAN	SICONG	Insight Academy of Canada - Shangha	Shanghai	11
SINGH KHURANA	GURNOOR	Delhi Public School	Amritsar	12
SUN	NICHOLAS	Richard Wilders	Naperville	12
TU	HAOLAN	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
WANG	BOWEN	Beijing National Day School	Beijing	10
WILLIAM	DICK JESSEN	SIMETRI	Tangerang	11
WU	PEIZHI	Rosedale Academy-Shenyang	Shenyang	12
XU	ZICHUAN	Shenzhen Senior H.S.	Shenzhen	10
YAU	STEVENKASHINC	Dalian Ealing Int'l College	Dalian	12
ZHANG	BOYUE	Hangzhou New Century Foreign Langua	Hangzhou	11
ZHANG	HAOPU	National Junior College	Singapore	12
ZHANG	SONGYUE	Wuxi No1 H.S	Wuxi Jiangsu	12
ZHAO	WANRAN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11

Group IV/Groupe IV

Scores/Notes 86 - 84

ARORA	AJAY	ICAE	Troy	11
AUBEKEROV	DANIYAR	Haileybury Almaty	Almaty	13
BAGASPATI	KINANTAN ARYASIMETRI		Tangerang	11
CHE	ZHAOCHENG	Dalian Ealing Int'l College	Dalian	11
CHEN	JIAHAO	Chongqing Maple Leaf Int'l School	CHONGqing	12
FENG	ZHIMING	UW - Beijing	Beijing	12
GAUTAM	SIDDHARTH	National Public School - Koramangal	Bangalore	12
GOZALI	RAPHAEL SHAWN	SMA Kolese Kanisius	Central Jakarta	12
GU	HAIWEI	The Affiliated H.S. of Peking Unive	Beijing	11
GUANG	GARY	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	12
GUI	CHIJJIN	Hangzhou New Century Foreign Langua	Hangzhou	10
HAN	YINSU	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
HAOYU	ZHAO	Chengdu Shude H.S.	Chengdu	11
HOU	EDWARD	Rosedale Academy Tianjin	Tianjin	12
HU	YUTIAN	The Affiliated H.S. of South China	Guangzhou Guangdong	12
HUANG	XINGYUE	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	12
JIANG	JUNHAN	Chongqing Foreign Language School	Chongqing	12
KHURANA	NAVYA	Pace Junior Science College Nerul	Mumbai	12
KWEON	KYURI	Branksome Hall Asia	Seogwipo-si	11
KWOK	JONATHAN	Wardaya College	Jakarta Barat	10
LI	XINYU	Chengdu No 7 H. S. (Gaoxin Campus)	Chengdu	11
LI	YUXI	SZFTSY-Sendelta International Acade	ShenZhen	11
LIANG	ZEYU	Beijing National Day School	Beijing	10
LIAO	WEI	Huamei-Bond Int'l School	Guangzhou Guangdong	12
LIM	SHAO THENG	Taylor's College - Lakeside Campus	Subang Jaya	12
LIN	HAIXIN	Beijing 101 High School	Beijing	11
LING	XING	Shanghai World Foreign Language M.S	Shanghai	10
LIU	CHENLANLIN	No.1 Middle School Affiliated to CC	Wuhan	12
LIU	JIANGYUE	UW - Beijing	Beijing	12
LIU	MUXIN	Shanghai World Foreign Language M.S	Shanghai	10

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Group IV/Groupe IV

Scores/Notes 86 - 84

ONG	STEFAN MARCUS	Math Trainers Guild of Philippines	Zamboanga City	10
REYES	STEVEN	Math Trainers Guild of Philippines	Zamboanga City	9
SENA	DAVI	GGE	Recife	13
SHI	LIANFENG	Shenzhen M.S.	Shenzhen	11
SHI	XIAOKUN	Harbin Normal University High School	Harbin	11
SOKOLOVSKIY	HEORHII	Dnipro municipal school 23	Dnipro	11
SU	ZHENGJIE	Rosedale Academy Tianjin	Tianjin	12
THAVAMANI	CHITTESH	ICAE	Troy	12
TIAN	DANIEL	ICAE	Troy	9
WANG	KEXIN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	10
WANG	LURAN	Rosedale Academy-Shenyang	Shenyang	9
WANG	SHIYAO	Hefei No.8 High School	Hefei	11
WANG	ZHIMING	National Junior College	Singapore	12
WU	CHENYUE	Jiangsu Tianyi H.S.	Wuxi Jiangsu	12
WU	YUNFAN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	10
XIA	YIQING	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	12
XIONG	HAOMING	Shanghai World Foreign Language M.S	Shanghai	10
XU	CHUN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
XU	ZHAORUI	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	12
XUI	SHITONG	Nanjing Foreign Language School	Nanjing	11
YANG	GANG	Ningbo Foreign Language School	Ningbo	11
YAO	XINRU	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
YIKAI	MAO	Zhenhai H.S. Cambridge Int'l Center	Ningbo	11
YIMING	SHENG	Cambridge Int'l Ctr. of Shanghai No	Shanghai	11
YIN	YUMIN	Church Farm School	Exton	11
YOU	HAO	Jinan Foreign Language School	Jinan	10
YU	JONATHAN	Math Trainers Guild of Philippines	Zamboanga City	10
YUAN	ZICHEN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
YUE	ZONGYANG	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
ZEYU	ZHANG	Nanjing Foreign Language School	Nanjing	10
ZHANG	CHENYANG	The H.S. Affiliated to Renmin Uni.	Beijing	12
ZHONG	XIANGRU	SZFTSY-Sendelta International Acade	Shenzhen	11
ZHOU	TONGFEI	First H.S. of Changsha Hunan	Changsha Hunan	12
ZHOU	YUANTAO	Shanghai Guanghua College-Fudan Cam	Shanghai	11
ZHU	CHENXIN	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	12
ZHU	YINGTONG	Majestic International College	Foshan	11
ZHUANG	JIALE	Wuxi Big Bridge Academy	Wuxi Jiangsu	11
ZUO	XIAOTONG	Shenzhen Concord College of Sino-Ca	Nashan District Shen	12

Group V/Groupe V

Scores/Notes 83 - 81

BIAN	HOURAN	Nanjing Foreign Language School	Nanjing	11
CAI	TIANQIN	Beijing National Day School	Beijing	12
CAI	WENXUAN	Hangzhou New Century Foreign Langua	Hangzhou	10
CAI	XURAN	Jinling H.S.	Nanjing	11
CHANG	XIAO	SZFTSY-Sendelta International Acade	Shenzhen	11
CHEN	HONGYI	Wuxi Big Bridge Academy	Wuxi Jiangsu	11
CHEN	JUNLONG	Jinan Foreign Language School	Jinan	10
CHEN	SIHAO	Hangzhou New Century Foreign Langua	Hangzhou	11
CHEN	XIAORAN	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
CHEN	YITONG	Jiangsu Tianyi H.S.	Wuxi Jiangsu	11
CHENG	YIXIAN	UW - Beijing	Beijing	13

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Group V/Groupe V

Scores/Notes 83 - 81

CLAVERIA	ELIJAMIN	Philippine Science High School	Quezon City	12
CUI	JIAHAO	Zhenhai H.S. Cambridge Int'l Center	Ningbo	12
CUI	MAWANLI	UW - Beijing	Beijing	12
DING	XINWEN	Hangzhou Foreign Language School	Hangzhou Zhejiang	12
DING	YIXIN	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
DING	ZHOUIE	Hangzhou New Century Foreign Langua	Hangzhou	11
FAN	ZEQI	UW Shanghai	Shanghai	11
FANG	HUILIN	Jiangsu Tianyi H.S.	Wuxi Jiangsu	11
FANG	WEIJIA	Shenzhen Foreign Language School	Shenzhen	11
FENG	LEZHOU	Suzhou Int'l Academy BFSU	Suzhou	11
FU	BOYANG	Harbin Normal University High Schoo	Harbin	11
FU	JINGYUAN	Chengdu Shude H.S.	Chengdu	11
GU	BOYANG	Nanjing Foreign Language School	Nanjing	11
GU	HAODONG	Shanghai Australian International S	Shanghai	12
GUO	JIAAO	The H.S. Affiliated to Renmin Uni.	Beijing	11
GUO	XIAODI	National Institute of Technology	Beijing	12
GUO	YIZHOU	Insight Academy of Canada - Shangha	Shanghai	11
GUO	YUMIN	Shanghai World Foreign Language M.S	Shanghai	11
HAN	ZHAOBO	Peddie School	Hightstown	10
HANG	SHENGQI	Shanghai Pinghe School	Shanghai	11
HU	BO	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
HU	HAOWEI	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	12
HUANG	YINING	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
JIA	JINGYI	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	11
JIACHEN	MAO	Cambridge Int'l Ctr. of Shanghai No	Shanghai	12
JIANG	YITING	Dalian Ealing Int'l College	Dalian	11
JIN	LIDAN	Hangzhou New Century Foreign Langua	Hangzhou	12
JIN	SHIYIN	The H.S. Affiliated to Renmin Uni.	Beijing	11
KARA JIKAR	RUJUTA	Pace Jr Science College Thane	Thane	12
LANG	YADI	Jinan Foreign Language School	Jinan	10
LENKA	AKASH	CPS Group of Schools	Chennai Tamilnadu	11
LI	MINGFEI	Suzhou Foreign Language School	Suzhou	11
LI	QINYAN	High School aff. to Shanghai Jiao T	Shanghai	11
LI	ZELIANG	Jinan Foreign Language School	Jinan	12
LI	ZHIHE	Ningbo Xiaoshi H.S.	Ningbo Zhejiang	12
LI	ZONGZE	Shenzhen M.S.	Shenzhen	11
LIAO	MENG	Hangzhou Foreign Language School	Hangzhou Zhejiang	12
LIM	MING YEAN	Sunway College-Canadian Int'l Mat.	Selangor Darul Ehsan	12
LIN	WEIBIN	SZFTSY-Sendelta International Acade	ShenZhen	11
LING	HAN	High School aff. to Shanghai Jiao T	Shanghai	11
LIU	JIAWEI	Shanghai Qibao Dwight H.S.	Shanghai	11
LIU	JUNRONG	Guangzhou Foreign Language School	Guangzhou	10
LIU	JUNYI	SZFTSY-Sendelta International Acade	ShenZhen	11
LIU	MINGHAO	Rosedale Academy-Shenyang	Shenyang	10
LIU	ZHILIN	Harbin Normal University High Schoo	Harbin	10
LIU	ZIPEI	Shenzhen M.S.	Shenzhen	11
LU	CHEN	Jinling H.S.	Nanjing	11
LUO	JINGWEI	SZFTSY-Sendelta International Acade	ShenZhen	11
LV	QUANCHI	Harbin Normal University High Schoo	Harbin	11
LYU	HAOQI	Hangzhou New Century Foreign Langua	Hangzhou	10
LYU	MENGZE	Jinling H.S.	Nanjing	12
MA	YUE	Victoria Junior College	Singapore	11

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MCALISTER	NATHAN	Davidson Academy	Reno	11
MEI	XINYUE	Wuxi Big Bridge Academy	Wuxi Jiangsu	11
NI	JINGZHOU	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
PAHOAJA	SAHIL	Sri Guru Gobind Singh Senior Sec. S	Chandigarh	12
QIAN	QIXIN	Wuhan Maple Leaf Int'l School	Wuhan Hubei	12
QIAO	YIKE	Shanghai World Foreign Language M.S	Shanghai	11
QIU	YIFENG	Shanghai Australian International S	Shanghai	12
QIU	YUCHENG	High School aff. to Shanghai Jiao T	Shanghai	11
SHEN	YUHENG	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	11
SHI	XINRUI	Jinan Foreign Language School	Jinan	12
SINGH	AADITYA	National Public School - Koramangal	Bangalore	12
SINGH	ARNAV	SRI GURU Gobind Singh Collegiate P.	Chandigarh	12
SIVA SHANMUGAM	VYTHILINGAM	Taylor's College - Lakeside Campus	Subang Jaya	12
SUN	MOHAN	Harbin Normal University High Schoo	Harbin	11
TAM	CHI HANG	Pui Ching M.S.	Kowloon City	11
TANG	AN	Shanghai Starriver Bilingual School	Shanghai	11
TENG	HONGYU	National Junior College	Singapore	12
TIAN	XIAOTIAN	Nanjing Foreign Language School	Nanjing	10
TONG	NOK TO OMEGA	Pui Ching M.S.	Kowloon City	11
VU	VIET		Ho Chi Minh City	11
WANG	HENGYU	Cambridge Int'l Ctr. of Shanghai No	Shanghai	11
WANG	JIANAN	UW Shanghai	Shanghai	12
WANG	JINGCHENG	Henan Experimental High School	Zhengzhou-Henan Prov	12
WANG	JINGHUA	Victoria Junior College	Singapore	12
WANG	MO	National Junior College	Singapore	12
WANG	NANXIANG	Shanghai Qibao Dwight H.S.	Shanghai	11
WANG	QIAN	Harbin Normal University High Schoo	Harbin	10
WANG	SHAOQIANG	Harbin Engineering University Aleve	Harbin	11
WANG	SIYU	Shanghai World Foreign Language M.S	Shanghai	11
WANG	TENGMAN	Chongqing Foreign Language School	Chongqing	12
WANG	YUETONG	Chongqing Nankai S. S.	Chongqing	12
WANG	YUXI	UW Shanghai	Shanghai	12
WANG	ZHIHAN	Shenzhen Senior H.S.	Shenzhen	11
WEI	FENGLIN	Shenzhen Foreign Language School	Shenzhen	12
WEI	XINHAI	Chengdu Yulin PEI High School	Chengdu	12
WEI	YUAN	High School aff. to Shanghai Jiao T	Shanghai	12
XU	JIACHENG	Shanghai Guanghua College-Fudan Cam	Shanghai	11
XU	YIMO	Qingdao #2 Middle School-Int'l Foun	Qingdao	11
YAN	CHANG	Peddie School	Hightstown	10
YAN	YUXUAN	SSFBC: M.S. aff. to Shaanxi Normal	Xi'an	11
YE	BAIKUAN	Chongqing Nankai S. S.	Chongqing	10
YE	FEIFAN	SZFTSY-Sendelta International Acade	ShenZhen	11
YU	QINAN	Zhixin High School	Guangzhou	11
ZHANG	CHE	No.1 Middle School Affiliated to CC	Wuhan	11
ZHANG	DINGXUAN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
ZHANG	HAORAN	Dalian Ealing Int'l College	Dalian	12
ZHANG	TIANJING	Shenzhen M.S.	Shenzhen	11
ZHANG	XIN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
ZHANG	YANZHE	Suzhou Foreign Language School	Suzhou	10
ZHANG	YUNWEI	Jinan Foreign Language School	Jinan	11
ZHANG	ZHIAN	Insight Academy of Canada - Shangha	Shanghai	11
ZHAO	QIUSHI	National Junior College	Singapore	12

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ZHAO	YUFEI	Suzhou Int'l Academy BFSU	Suzhou	11
ZHENG	JIAYIN	Rosedale Academy Tianjin	Tianjin	12
ZHONGHAO	WEN	Cambridge Int'l Ctr. of Shanghai No	Shanghai	12
ZHOU	JINGQI	Chongqing Nankai S. S.	Chongqing	11
ZHOU	YOU	Guangdong Country Garden Sch.	Foshan City	11
ZHU	SHUAI	Shanghai Australian International S	Shanghai	12
ZHU	YIBO	Int'l Centre of Normal College of S	Shenzhen	12
ZHU	ZHETAI	Wuhan Foreign Languages School	Wuhan	11
ZOU	BOFU	Church Farm School	Exton	10
ZOU	RUIQI	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
ZOU	XIAOYU	Beijing Concord College of Sino-Can	Beijing	12

UNOFFICIAL STUDENTS AT SCHOOLS IN CANADA /  
ÉLÈVES NON-OFFICIEL DANS LES ÉCOLES AU CANADA

SCORES / NOTES 100 - 80

<b>Name/Nom</b>	<b>School/École</b>	<b>Location/Endroit</b>
CHEN YIZHEN	David Thompson S.S.	Vancouver, BC
DING SHANE	White Oaks S.S.	Oakville, ON
DU ZIHAO	Columbia Int'l College	Hamilton, ON
FU YUCHEN	Thornhill S.S.	Thornhill, ON
HUANG YUQIG	R.E. Mountain S.S.	Langley, BC
HU YIJUN	London Int'l Academy	London, ON
KIM TAEYOON	UMC H.S.	Toronto, ON
KONG LINGYU	Thornhill S.S.	Thornhill, ON
LIU JUNYI	Thornlea S.S.	Thornhill, ON
PENG YIFEI	Wales College	Scarborough, ON
WANG JING	North Toronto C.I.	Toronto, ON
WANG JINGYA	Global Education Academy	Thornhill, ON
WANG XIAOLIN	Ashbury College	Rockcliffe, ON
WEI YIYANG	Taie Int'l Institute	Toronto, ON
WU YUNQING	Sir John A. Macdonald C.I.	Scarborough, ON
XU RUI	Bond Academy/Bond Int'l College	Scarborough, ON
YAN YUXIN	Kent School	Niagara Falls, ON
YAO DONGBO	Wisdom Academy	North York, ON
ZERUI JIA	Royal Elite Int'l Academy	Niagara-on-the-Lake, ON
ZHANG SHIMIN	London Int'l Academy	London, ON
ZHAO YUSU	Dr. E.P. Scarlett H.S.	Calgary, AB