



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et en INFORMATIQUE
www.cemc.uwaterloo.ca

2016

Results

2016

Résultats

Euclid Contest

Concours Euclide



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

Ed Anderson	Robert Garbary
Jeff Anderson	Sandy Graham
Terry Bae	Conrad Hewitt
Shane Bauman	Angie Hildebrand
Steve Brown	Carrie Knoll
Carmen Bruni	Judith Koeller
Ersal Cahit	Bev Marshman
Heather Culham	Mike Miniou
Serge D'Alessio	Brian Moffat
Janine Dietrich	Dean Murray
Jennifer Doucet	Jen Nelson
Fiona Dunbar	J.P. Pretti
Mike Eden	Kim Schnarr
Barry Ferguson	Carolyn Sedore
Judy Fox	Ian Vanderburgh
Steve Furino	Troy Vasiga
John Galbraith	Ashley Webster
Alain Gamache	Tim Zhou

Problems Committee / Comité des problèmes

Fiona Dunbar (Chair / présidente), University of Waterloo, Waterloo, ON
Mike Aben, Lakefield College School, Lakefield, ON
Kathir Brabaharan, Sir John A. Macdonald C.I., Scarborough, ON
Adam Brown, University of Toronto Schools, Toronto, ON
Steve Brown, University of Waterloo, Waterloo, ON
Serge D'Alessio, University of Waterloo, Waterloo, ON
Charlotte Danard, Toronto, ON
Garry Kiziak, Burlington, ON
Darren Luoma, Bear Creek S.S., Barrie, ON
Alex Pintilie, Crescent School, Toronto, ON
David Pritchard, Los Angeles, CA
Peter Wood, University of Waterloo, Waterloo, ON

Overall Comments

Congratulations to all of the participants in the 2016 Euclid Contest. The average score in 2016 was 52.7. 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 96 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

This question was very well done.

2. Average: 9.4

This question was very well done.

3. Average: 7.6

Part (a) was done well. Part (b) was fairly well done. Some students counted fewer than the eighteen 9s or missed the one 8 in the subtraction. Part (c) was fairly well done. Some students missed the fact that the y -coordinate of the vertex of the parabola is negative because it is below the x -axis.

4. Average: 7.0

Part (a) was well done. In part (b), students presented a variety of solutions that showed that the difference in areas is exactly 15 cm^2 . The best of these solutions avoided any kind of decimal approximation.

5. Average: 6.3

Many students did well in part (a). The most common error was not converting the percentages in the question to equivalent decimals. In part (b), the approaches to solutions were equally divided between Solutions 1 and 2. With both approaches, the most common omission was skipping cases or jumping to an equation without justification.

6. Average: 4.9

In part (a), students seemed to either have the correct answer, or did not know where to begin. A lot of students in the latter group unsuccessfully attempted to solve the problem using logarithms. Some students were able to determine the value of y , but did not give the value of x . Part (b) was generally well done. Most students proceeded using Solution 1. Missing one of the cases was the most common mistake made by students using this approach. In Solution 2, some students would claim that the required triangles must be similar to the 3-4-5 triangle, but failed to justify why.

7. Average: 3.7

Students found part (a) to be very challenging. Students often did not define variables or explain what their equations represented, making the allocation of partial marks difficult. Part (b) was generally well done. The most common mistake was not considering the more straightforward cases when $x = 0$ and/or $y = 0$.

8. Average: 2.9

In part (a), students tried a variety of constructions, most often extending two lines and viewing the quadrilateral as the difference of two right triangles. Many students recognized that you could divide the quadrilateral in many different ways: for example, using triangles, a rectangle, a trapezoid. Most students were able to calculate a new length correctly using similar triangles. Many students interpreted the question as asking for the area of the parallelogram instead. A large number of students used rounded decimals instead of exact numbers. In part (b), the main road block seemed to be whether the student knew how to deal with the “reciprocal of the variable”. The need for a change of base in the logarithm wasn’t obvious to a large number of students.

9. Average: 1.1

Both parts of this problem were quite difficult and students did not have much success. In part (a), a reasonable number of students attempted factorial or “ $\binom{n}{k}$ ” counting arguments with no success. Many students were able to count the number of strings with at least one *ABBA* but failed to account for the cases with two and three copies of *ABBA*. A few students successfully counted the number of strings directly (generally using recursion) instead of counting the complement. For 9(b), students used a variety of successful constructions: rotating triangles to the outside of the square, folding triangle inwardly, extending perpendicular lines to the diagonal. Students who displayed a meaningful construction usually received 4 or 5 out of the 5 available marks.

10. Average: 0.3

Most students who attempted (a) calculated the probability using a table or by writing out pairs. Most students got 1 out of the 2 available marks for a good attempt with some missed cases or double counting. A reasonable number of students got the denominator wrong (but in this case they also got the numerator wrong). Some students came up with the function $2n - 1$, along with some mention of primes, in part (b), but didn’t fully justify the result. Very few students attempted part (c). Most successful solutions used powers of 2 or products of distinct primes. A few students came up with exact formulas for $P(N)$ for a particular class of numbers.

Please visit our website at cemc.uwaterloo.ca to download the 2016 Euclid Contest, plus full solutions.

Commentaires Généraux

Félicitations à tous les participants du Concours Euclide 2016. La note moyenne était 52,7. 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 96 concurrents officiaux 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'inclus 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.

2. Moyenne: 9,4

Cette question a été très bien réussie.

3. Moyenne: 7,6

La partie (a) a été bien réussie. La partie (b) a été assez bien réussie. Certains élèves ont compté moins de dix-huit 9 ou n'ont pas vu le seul 8 dans la différence. La partie (c) a été assez bien réussie. Certains élèves n'ont pas remarqué que l'ordonnée du sommet doit être négative puisque le sommet est situé en dessous de l'axe des abscisses.

4. Moyenne: 7,0

La partie (a) a été bien réussie. Dans la partie (b), les élèves ont utilisé diverses approches pour démontrer qu'il y a une différence de 15 cm^2 entre l'aire du grand cercle et celle du petit cercle. Les meilleures solutions ont utilisé des valeurs exactes au lieu d'approximations décimales.

5. Moyenne: 6,3

Bon nombre d'élèves ont réussi la partie (a). L'erreur la plus commune a été de ne pas convertir les pourcentages en forme décimale. Dans la partie (b), un nombre à peu près égal d'élèves ont choisi l'une ou l'autre des approches suggérées dans les solutions 1 et 2. Avec chaque approche, les faiblesses les plus communes ont été l'omission de certains cas possibles ou la suggestion d'une équation sans justification.

6. Moyenne: 4,9

Dans la partie (a), les élèves ont soit obtenu la bonne réponse ou ont semblé ne pas savoir comment aborder la solution. Bon nombre d'entre eux ont tenté sans succès de résoudre le problème à l'aide de logarithmes. Certains ont obtenu la valeur de y , mais n'ont pas donné celle de x . La partie (b) a été plutôt bien réussie. La plupart des élèves ont utilisé l'approche de la solution 1. L'erreur la plus commune a été l'omission d'un des cas. Parmi les élèves qui ont utilisé l'approche de la solution 2, certains ont suggéré que le triangle doit être semblable au triangle remarquable 3-4-5, mais sans justification.

7. Moyenne: 3,7

Les élèves ont éprouvé de la difficulté dans la partie (a). Certaines solutions n'ont pas obtenu le maximum de points à cause de l'utilisation de variables non définies ou de la présentation d'équations sans indications de ce qu'elles représentaient. La partie (b) a été plutôt bien réussie. L'erreur la plus commune a été l'omission des cas où $x = 0$ et/ou $y = 0$.

8. Moyenne: 2,9

Dans la partie (a), les élèves ont utilisé une variété de constructions. Bon nombre d'entre eux ont prolongé deux segments de manière que le quadrilatère soit perçu comme la différence de deux triangles rectangles. D'autres ont coupé le quadrilatère en parties plus simples, en utilisant des triangles, un rectangle, un trapèze. La plupart des élèves ont réussi à calculer une nouvelle longueur en utilisant des triangles semblables. Beaucoup d'élèves ont cru que l'on demandait l'aire du parallélogramme. Beaucoup d'élèves ont utilisé des approximations décimales au lieu des valeurs exactes. Dans la partie (b), la difficulté principale a porté sur le changement de base. Un grand nombre d'élèves n'ont pas vu la nécessité de changer la base du logarithme.

9. Moyenne: 1,1

Les deux parties de ce problème étaient difficiles et les élèves n'ont pas connu beaucoup de succès. Dans la partie (a), bon nombre d'élèves ont fait appel à des techniques de comptage à l'aide de factorielles ou de $\binom{n}{k}$, mais sans succès. Beaucoup d'élèves ont réussi à compter le nombre de chaînes qui comportaient la suite *ABBA*, mais sans tenir compte du nombre de chaînes qui comportaient deux ou trois copies de la suite *ABBA*. Quelques élèves ont réussi à compter le nombre de chaînes directement (par une méthode récursive) au lieu de compter la situation complémentaire. Dans la partie (b), des élèves ont utilisé avec succès une variété de constructions: la rotation de triangles à l'extérieur du carré, le pliage du triangle à l'intérieur, le prolongement de droites perpendiculaires aux diagonales. Ceux et celles qui ont fait appel à une construction significative ont presque tous obtenu 4 ou 5 des 5 points accordés pour ce problème.

10. Moyenne: 0,3

La plupart des élèves qui ont tenté de résoudre la partie (a) ont utilisé un tableau ou une liste des possibilités pour calculer la probabilité. On a attribué 1 point sur 2 à ceux qui ont utilisé cette approche, tout en oubliant quelques résultats ou en comptant des résultats deux fois. Bon nombre d'élèves ont obtenu un dénominateur erroné (et habituellement un numérateur erroné). Dans la partie (b), certains élèves ont obtenu la fonction définie par $f(n) = 2n - 1$, tout en mentionnant des nombres premiers, sans toutefois justifier leur démarche. Très peu d'élèves ont tenté de résoudre la partie (c). La plupart des solutions réussies ont fait appel aux puissances de 2 ou au produit de nombres premiers distincts. Quelques élèves ont obtenu des formules exactes pour $P(N)$ pour des classes particulières de nombres.

Veuillez visiter notre site Web à cemc.uwaterloo.ca pour télécharger le Concours Euclide 2016, avec solutions complètes.

STUDENTS / ÉLÈVES

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

Plaques	Chenxuan Bob Cui	Semiahmoo S.S.	Surrey, BC
	Jennifer Guo	Marc Garneau C.I.	North York, ON
	Kai Sun	A.B. Lucas S.S.	London, ON
	Waley Zhang	New Westminster S.S.	New Westminster, BC
	Daniel Zhou	Centennial Collegiate	Saskatoon, SK

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.

Honourable Mentions /	Thomas Guo		North York, ON
Mentions Honorables	Richard Kang	Dr. E.P. Scarlett H.S.	Calgary, AB
	Robert Li	Albert Campbell C.I.	Scarborough, ON
	Lanfeng Sun	Rothesay Netherwood School	Rothesay, NB
	Linyin Sun	Victoria Park C.I.	North York, ON
	Ben Wei	Waterloo C.I.	Waterloo, ON
	Yue Weng	Unionville H.S.	Markham, ON
	Henry Heng Xia	Sir Winston Churchill S.S.	Vancouver, BC
	Ruiming Xiong	Western Canada H.S.	Calgary, AB
	Ruizhou Yang	University Hill S.S.	Vancouver, BC
	Alex You	Burnaby North S.S.	Burnaby, 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	Albert Campbell C.I.	Scarborough, ON
Third / Troisième	Bayview S.S.	Richmond Hill, ON
Fourth / Quatrième	A.Y. Jackson S.S.	North York, ON
	Sir Winston Churchill S.S.	Vancouver, BC

Enrollment**Inscription**

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

AB	52
BC	173
MB	30
NB	19
NL	17
NS	29
ON	721
PE	4
QC	24
SK	17
YT	2
International	383
Total	<hr/> 1471

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

AB	492
BC	2246
MB	228
NB	131
NL	134
NS	242
ON	9102
PE	44
QC	196
SK	134
YT	7
International	6241
Total	<hr/> 19197

Total number of students enrolled / Nombre d'inscriptions individuelles: 19197

Student Rankings

Classements des élèves

Score/ Note	Rank/ Position	Score/ Note	Rank/ Position
100	1	49	8841
99	3	48	9164
98	5	47	9469
97		46	9778
96	7	45	10062
95	10	44	10360
94	15	43	10665
93	25	42	10975
92	37	41	11279
91	59	40	11537
90	75	39	11812
89	97	38	12049
88	135	37	12286
87	180	36	12511
86	239	35	12714
85	311	34	12956
84	379	33	13145
83	462	32	13337
82	533	31	13536
81	663	30	13743
80	769	29	13893
79	887	28	14046
78	1003	27	14185
77	1140	26	14319
76	1298	25	14436
75	1488	24	14543
74	1647	23	14646
73	1830	22	14731
72	1997	21	14803
71	2203	20	14878
70	2430	19	14954
69	2651	18	15007
68	2885	17	15059
67	3129	16	15102
66	3387	15	15134
65	3644	14	15163
64	3944	13	15183
63	4205	12	15206
62	4493	11	15223
61	4822	10	15236
60	5164	9	15253
59	5494	8	15272
58	5819	7	15280
57	6139	6	15285
56	6464	5	15293
55	6802	4	15295
54	7120	3	15302
53	7434	2	15306
52	7807	1	
51	8135	0	15308
50	8488		

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

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

2016
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	278
2	Albert Campbell C.I.	Scarborough	274
3	Bayview S.S.	Richmond Hill	273
4	A.Y. Jackson S.S.	North York	271
4	Sir Winston Churchill S.S.	Vancouver	271
6	Unionville H.S.	Markham	270
7	Bur Oak S.S.	Markham	266
7	University of Toronto Schools	Toronto	266
9	A.B. Lucas S.S.	London	265
10	Waterloo C.I.	Waterloo	264
10	Western Canada H.S.	Calgary	264
12	Earl Haig S.S.	North York	262
13	Richmond Hill H.S.	Richmond Hill	259
14	Burnaby North S.S.	Burnaby	257
14	New Westminster S.S.	New Westminster	257
16	Vincent Massey S.S.	Windsor	256
16	York Mills C.I.	North York	256
18	Victoria Park C.I.	North York	255
19	Don Mills C.I.	North York	254
19	Semiahmoo S.S.	Surrey	254
21	Prince of Wales S.S.	Vancouver	253
22	Markville S.S.	Markham	252
23	Ontario International College	Toronto	251
23	St. Michael's Univ. School	Victoria	251
25	Moscrop S.S.	Burnaby	249
26	Branksome Hall	Toronto	248
26	Pierre Elliott Trudeau H.S.	Markham	248
26	St. George's School	Vancouver	248
29	Abbey Park H.S.	Oakville	247
29	Bishop Allen Academy	Etobicoke	247
31	New Oriental Int'l College	Scarborough	246
31	Sentinel S.S.	West Vancouver	246
31	Walter Murray C.I.	Saskatoon	246
34	Bernice MacNaughton H.S.	Moncton	244
34	Glenneagle S.S.	Coquitlam	244
34	Glenforest S.S.	Mississauga	244
34	Sir John A. Macdonald S.S.	Waterloo	244
38	Langstaff S.S.	Richmond Hill	243
39	Burnaby South S.S.	Burnaby	242
39	University Hill S.S.	Vancouver	242
41	Ashbury College	Rockcliffe	241
41	Vaughan S.S.	Thornhill	241
43	Centennial Collegiate	Saskatoon	240
43	Columbia Int'l College	Hamilton	240
43	Georges Vanier S.S.	North York	240
43	Lord Byng S.S.	Vancouver	240
43	The Woodlands Sec. School	Mississauga	240
48	Centennial C. and V.I.	Guelph	239
48	Centennial H.S.	Calgary	239
48	Port Moody Sr. S.S.	Port Moody	239

2016
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Name/Nom	School/École	Location/Endroit	Grade/Niveau
Group I/Groupe I		Scores/Notes 100 - 95	
CUI	CHENXUAN BOB	Semiahmoo S.S.	Surrey 12
GUO	JENNIFER	Marc Garneau C.I.	North York 12
SUN	KAI	A.B. Lucas S.S.	London 10
ZHANG	WALEY	New Westminster S.S.	New Westminster 12
ZHOU	DANIEL	Centennial Collegiate	Saskatoon 11
Group II/Groupe II		Scores/Notes 94 - 92	
CHEN	ZHONGQI	Bayview S.S.	Richmond Hill 11
FAN	SENBO	A.N. Myer S.S.	Niagara Falls 12
GUO	THOMAS		North York 9
HALIM	HOWARD	University of Toronto Schools	Toronto 9
HAN	CHONG HAO	A.B. Lucas S.S.	London 12
KANG	RICHARD	Dr. E.P. Scarlett H.S.	Calgary 10
LI	ROBERT	Albert Campbell C.I.	Scarborough 12
QIN	YAN	Bur Oak S.S.	Markham 12
SUN	LANFENG	Rothesay Netherwood School	Rothesay 12
SUN	LINYIN	Victoria Park C.I.	North York 11
TAN	XIANG	Earl Haig S.S.	North York 12
WEI	BEN	Waterloo C.I.	Waterloo 11
WENG	YUE	Unionville H.S.	Markham 11
XIA	HENRY HENG	Sir Winston Churchill S.S.	Vancouver 12
XIONG	RUIMING	Western Canada H.S.	Calgary 11
YANG	RUIZHOU	University Hill S.S.	Vancouver 11
YOU	ALEX	Burnaby North S.S.	Burnaby 10
YU	SHUAI	Waterloo C.I.	Waterloo 12
Group III/Groupe III		Scores/Notes 91 - 88	
CHEN	FRANK	Colonel By S.S.	Gloucester 9
CHENG	JEFFREY	Colonel Gray Sr. H.S.	Charlottetown 12
CHENG	YIHAO	Bur Oak S.S.	Markham 12
CHOW	RICHARD	Albert Campbell C.I.	Scarborough 12
CHOW	STEVEN	Albert Campbell C.I.	Scarborough 10
CUMMINGS	ROBERT	A.Y. Jackson S.S.	North York 12
DE SILVA	THINULA	Marc Garneau C.I.	North York 11
DIAO	JOSEPH	Unionville H.S.	Markham 12
KIM	ANDREW	Walter Murray C.I.	Saskatoon 11
LI	YIKUAN	Don Mills C.I.	North York 12
LIU	JEFFREY	Marc Garneau C.I.	North York 10
LIU	QITONG	A.Y. Jackson S.S.	North York 12
LIU	XURAN	Bishop Allen Academy	Etobicoke 12
LUCHEN	SEAN	University of Toronto Schools	Toronto 12
MO	GEORGE	Bayview S.S.	Richmond Hill 10
QIAN	WILLIAM	Bayview S.S.	Richmond Hill 12
SHEN	CHARLIE	London Dist. Christian S.S.	London 11
TANG	DONGCHEN	Toronto Central Academy	Toronto 12
WAN	HONGYI	Ashbury College	Rockcliffe 12
WANG	DAVID	Bayview S.S.	Richmond Hill 12

2016
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Student Honour Roll/Palmarès d'étudiants

Group III/Groupe III

Scores/Notes 91 - 88

WANG	SHUOLIN	York Mills C.I.	North York	12
XU	CODY	Yorkville International Academ	Markham	12
YU	VICTOR	Marc Garneau C.I.	North York	12
YUAN	MORGAN	Bayview S.S.	Richmond Hill	12
YUHAO	LI	Sequam S.S.	Delta	12
ZHANG	BRANDON	Prince of Wales S.S.	Vancouver	12
ZHANG	LILLIAN	Markville S.S.	Markham	12
ZHAO	WILLIAM	Richmond Hill H.S.	Richmond Hill	9
ZHOU	CONNIE	Branksome Hall	Toronto	11
ZHOU	DAVID	Sir Winston Churchill S.S.	Vancouver	12
ZHOU	JINPENG	A.Y. Jackson S.S.	North York	12

Group IV/Groupe IV

Scores/Notes 87 - 84

CAI	YUANHUI	Ridley College	St Catharines	11
CHEN	YIFEI	Bayview S.S.	Richmond Hill	11
CHOPRA	PARTH	Bayview S.S.	Richmond Hill	11
DING	YUANLI	Lakeshore C.I.	Etobicoke	12
FAN	YUXIN	Silverthorn C.I.	Etobicoke	12
FENG	LEO	Vincent Massey S.S.	Windsor	11
FENG	YUN	Luther College	Regina	12
FENG	ZIYI	St. Michael's Univ. School	Victoria	12
GU	FRANK	Vincent Massey S.S.	Windsor	12
GU	WENYUE	Lord Byng S.S.	Vancouver	10
HAN	KAIBING	Glebe Collegiate Institute	Ottawa	12
HE	YIQIAN	Unionville H.S.	Markham	12
HESSAMIPILEHRO	ELNAZ	Marc Garneau C.I.	North York	10
HONG	FRANK	Bayview S.S.	Richmond Hill	12
HU	JINWEN	Jaya Int'l H.S.	Mississauga	12
HUANG	TIANQI	Bayview S.S.	Richmond Hill	11
HUANG	WENTAO	Ontario International College	Toronto	12
HUANG	YUJIE	Stephen Leacock C.I.	Scarborough	12
JIA	KEVIN	Lisgar C.I.	Ottawa	12
JIANG	CONGZHI	Mentor College	Mississauga	11
JIN	JIACHENG	Upper Canada College (Upper Sc	Toronto	11
KANG	QINGYUN	Centennial H.S.	Calgary	11
LAI	JUSTIN	Northern S.S.	Toronto	12
LI	YUFENG	J. Clarke Richardson C.I.	Ajax	12
LINDIG	TILMAN	Richmond Hill H.S.	Richmond Hill	12
LIU	ESTELLA	Heritage Woods Secondary	Port Moody	11
LIU	KANGMING	Bell H.S.	Nepean	12
LOO	NOEL	Western Canada H.S.	Calgary	12
LU	WEI	Ontario International College	Toronto	12
LUO	ERIC	University Hill S.S.	Vancouver	11
MAGANTI	KAUSHAL	Bayview S.S.	Richmond Hill	12
MAI	STEVEN	University of Toronto Schools	Toronto	9
MIOSLAVOV	IVAN	Vanier College	Saint-Laurent	13
OHAPKIN	YUVAL	Vaughan S.S.	Thornhill	12
QI	SIPU	Centennial C. and V.I.	Guelph	12
REMOROV	ANDREY	St. Theresa of Lisieux C.H.S.	Richmond Hill	10
RONG	VICTOR	Marc Garneau C.I.	North York	9
RUAN	XINGCHI	Bernice MacNaughton H.S.	Moncton	12

2016
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Group IV/Groupe IV

Scores/Notes 87 - 84

SHAN	YINGCHAO	Richmond Hill H.S.	Richmond Hill	12
SONG	JOHN	White Oaks S.S.	Oakville	11
SONG	ZHIYE	Langstaff S.S.	Richmond Hill	12
SU	BUXIN	Sentinel S.S.	West Vancouver	11
TANG	JEFFERY	New Westminster S.S.	New Westminster	11
TANG	SAIDI	Bishop Allen Academy	Etobicoke	11
TONG	DANIEL	University of Toronto Schools	Toronto	12
TONG	XUANYI	St. Michael's Univ. School	Victoria	11
TU	TONY	Moscrop S.S.	Burnaby	11
WANG	CHUNLU	Columbia Int'l College	Hamilton	12
WANG	DUANYANG	Hillfield-Strathallan Coll. H.	Hamilton	11
WANG	PEI	Ashbury College	Rockcliffe	11
WANG	SEAN	Point Grey S.S.	Vancouver	9
WANG	VICTOR	Sir Winston Churchill S.S.	Vancouver	10
WANG	YING	York Mills C.I.	North York	12
WANG	YUBO	Leo Hayes H.S.	Fredericton	12
WEN	HENRY	Burnaby South S.S.	Burnaby	11
WEN	JIANYU	St. Thomas Aquinas H.S.	Oakville	12
WU	LUCY	Albert Campbell C.I.	Scarborough	11
WU	PETER	Richmond Hill H.S.	Richmond Hill	10
WU	YUXIN	Marianopolis College	Westmount	12
XIAO	ALICE	Glenlyon Norfolk School	Victoria	11
XINYU	JIAO	Western Canada H.S.	Calgary	11
XU	JUNRAN	Aurora H.S.	Aurora	12
XUEMING	ZHAO	Dewey College	Mississauga	12
YANG	ALICIA	John Fraser S.S.	Mississauga	12
YOU	QIZHE	Abbey Park H.S.	Oakville	10
YU	DANQIAO	Gleneagle S.S.	Coquitlam	12
ZENG	ANDERSON	Shawnigan Lake School	Shawnigan Lake	11
ZHANG	JAMES	Port Moody Sr. S.S.	Port Moody	12
ZHANG	JERRY	Don Mills C.I.	North York	12
ZHANG	JUNYA LILY	Earl Haig S.S.	North York	12
ZHANG	LEYAO	The Westside School	Vancouver	11
ZHANG	SONGQING	Georges Vanier S.S.	North York	11
ZHANG	VICKY	Earl Haig S.S.	North York	12
ZHANG	YIQUN	Marc Garneau C.I.	North York	12
ZHAO	BOAN	St. George's School	Vancouver	12
ZHOU	MICHAEL	Sir John A. Macdonald S.S.	Waterloo	11
ZHUO	WEIXI	Unionville H.S.	Markham	11

Group V/Groupe V

Scores/Notes 83 - 80

AARON	ZHOU	Steveston London S.S.	Richmond	12
BAN KIM	MATTHEW	University of Toronto Schools	Toronto	12
BAO	JERRY	Bayview S.S.	Richmond Hill	10
CEN	ZINAN	Kelvin H.S.	Winnipeg	12
CHANG	ZIHENG	London Central S.S.	London	11
CHEN	GUANZHONG	Don Mills C.I.	North York	12
CHEN	JEFFREY		Vancouver	11
CHEN	LINGTING	Royal Crown Academic School	North York	12
CHEN	WEIXI	Milliken Mills H.S.	Markham	11
CHENG	RUO TONG	Sentinel S.S.	West Vancouver	11

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CHO	YOUNG	Moscrop S.S.	Burnaby	12
CHRISTINA	WANG	Garth Webb S.S.	Oakville	12
DING	LIANG	London Int'l Academy	London	12
DONG	RUOCHONG	Abbey Park H.S.	Oakville	11
E	XIAOMENG	Unionville H.S.	Markham	12
FAN	XUEFEI	Pierre Elliott Trudeau H.S.	Markham	12
FANG	GE	Braemar College	Toronto	12
GAO	YUANPEI	Ontario International College	Toronto	12
GUO	HAOWEI	New Oriental Int'l College	Scarborough	12
GUPTA	MEHUL	The Woodlands Sec. School	Mississauga	12
GUPTA	SASWATA	Glenforest S.S.	Mississauga	12
HAQUE	SAMINUL	The Woodlands Sec. School	Mississauga	12
HONG	KAILIN	Sir Winston Churchill S.S.	Vancouver	11
HOU	CHUYI	Bur Oak S.S.	Markham	11
HU	ANJUN	Rockridge S.S.	West Vancouver	11
HU	HANJING	St. Thomas Aquinas H.S.	North Vancouver	12
IM	YUNA	Bernice MacNaughton H.S.	Moncton	12
JI	SHICHEN	Campbell C.I.	Regina	12
JIANG	EDWARD	Moscrop S.S.	Burnaby	11
JIANG	JAMES	Moscrop S.S.	Burnaby	11
JUNG	YESUNG	Richmond Green S.S.	Richmond Hill	12
KANG	NING	Markville S.S.	Markham	12
KIM	AMY	University of Toronto Schools	Toronto	11
KOO	MARTIN	University of Toronto Schools	Toronto	10
KROKHINE	ANNA	University of Toronto Schools	Toronto	9
KUO	TAI YUAN	A.Y. Jackson S.S.	North York	12
LE	MINH	UMC H.S.	Toronto	12
LEE	ERIC	Bur Oak S.S.	Markham	12
LEE	HYEOK JUN	Westdale S.S.	Hamilton	11
LEE	JULIETTE	Sequam S.S.	Delta	11
LI	BEIQI	Burnaby North S.S.	Burnaby	12
LI	BILL	Richmond Hill H.S.	Richmond Hill	11
LI	DAILIN	Don Mills C.I.	North York	12
LI	EN XU	Glenforest S.S.	Mississauga	11
LI	JACK	St. George's School	Vancouver	10
LI	LIVIA	Sir John A. Macdonald S.S.	Waterloo	12
LI	MENGYUAN	Georges Vanier S.S.	North York	12
LI	SAM		Vancouver	10
LI	YILIN	Michael Power-St Joseph	Etobicoke	11
LIAO	YONGXIAN	Handsworth S.S.	North Vancouver	10
LIN	HENRY	Earl Haig S.S.	North York	11
LIN	REX	Burnaby Central S.S.	Burnaby	12
LIN	STEVEN	Richmond Hill H.S.	Richmond Hill	12
LIU	IVON	Moscrop S.S.	Burnaby	12
LIU	MENGFEI	Abbey Park H.S.	Oakville	12
LIU	YICHUN	The Westside School	Vancouver	11
LU	RYAN	Burnaby South S.S.	Burnaby	12
LU	YU SHEN	L.V. Rogers S.S.	Nelson	12
LU	ZEEN	York Mills C.I.	North York	12
LUO	ANDREW	Fleetwood Park S.S.	Surrey	10
LUO	EDWARD	Fraser Heights S.S.	Surrey	11
LUO	TIAN	St. George's School	Vancouver	11

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Group V/Groupe V

Scores/Notes 83 - 80

MA	FRANK	St. George's School	Vancouver	10
MENG	JERRY	Gleneagle S.S.	Coquitlam	11
MENG	JESSE	Victoria Park C.I.	North York	12
MENG	LEO	Don Mills C.I.	North York	12
MIN	ELLEN	Holy Trinity C.S.S.	Oakville	11
MOSSERI	JACOB	Lower Canada College	Montreal	12
NI	CATHERINE	Hugh McRoberts S.S.	Richmond	11
NI	JIAHUI	Lillian Osborne H.S.	Edmonton	12
NIU	JEFF	Newmarket H.S.	Newmarket	12
PANG	LAWRENCE	Marc Garneau C.I.	North York	11
POTAPTCIK	PETER	Lorne Park S.S.	Mississauga	10
QIAN	ZHIWEI	South Delta S.S.	Delta	12
QIN	HARVEY	Sir Winston Churchill H.S.	Calgary	12
RAMPURE	SURAJ	Vincent Massey S.S.	Windsor	12
SHEN	JINHUI	Ontario International College	Toronto	12
SHENG	TONY	St. John's-Ravenscourt School	Winnipeg	9
SOH	GREGORY	Thornhill S.S.	Thornhill	12
TO	DEIFILIA	Marc Garneau C.I.	North York	12
WANG	PATRICK	Iroquois Ridge H.S.	Oakville	12
WANG	PEIHUA	Prince of Wales S.S.	Vancouver	11
WANG	SHANE	Sir Winston Churchill S.S.	Vancouver	11
WANG	YESHENG	Bayview S.S.	Richmond Hill	12
WANG	YINRU	London Int'l Academy	London	12
WEI	DANIEL	Walter Murray C.I.	Saskatoon	9
WEI	YIJIE	Sir Charles Tupper S.S.	Vancouver	12
WEN	WILLIAM	Pierre Elliott Trudeau H.S.	Markham	11
WU	JIAYING	Branksome Hall	Toronto	12
XIA	SIYUAN	Old Scona Academic H.S.	Edmonton	12
XIANG	SURI	Semiahmoo S.S.	Surrey	12
XU	KELVIN	Westdale S.S.	Hamilton	11
XU	YUJIA	Gleneagle S.S.	Coquitlam	11
XU	ZHAOYI	Esquimalt High School	Victoria	12
YANG	LUFEI	Crestwood Prep. College	North York	12
YANG	PEI	New Oriental Int'l College	Scarborough	12
YANG	TIANCHENG	Taie Int'l Institute	Toronto	12
YANG	ZERUN	The Woodlands Sec. School	Mississauga	12
YE	XINYI	Langstaff S.S.	Richmond Hill	12
YU	DANIEL	Earl Haig S.S.	North York	12
YU	JIHANG	Markville S.S.	Markham	12
YU	SHILONG	William Lyon Mackenzie C.I.	North York	10
YU	XI	Bayview S.S.	Richmond Hill	12
YUEN	JASON	Pierre Elliott Trudeau H.S.	Markham	11
ZENG	YUE	Sentinel S.S.	West Vancouver	12
ZHANG	JIAHE	Mcdonald Int'l Academy	Toronto	12
ZHANG	QIYAN	Notre Dame C.H.S.	Toronto	12
ZHANG	YALEI	Vincent Massey S.S.	Windsor	12
ZHANG	ZHAOWEI	Bishop's College School	Sherbrooke	12
ZHAO	JEFFREY	Vincent Massey S.S.	Windsor	12
ZHAO	RUIZHI	Tommy Douglas Collegiate	Saskatoon	12
ZHAO	YAQI	Sentinel S.S.	West Vancouver	12
ZHAO	ZIYI	Toronto Central Academy	Toronto	12
ZHENG	BILL	Richmond Green S.S.	Richmond Hill	12

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Group V/Groupe V		Scores/Notes 83 - 80		
ZHENG	QIYUN	Holy Cross C.S.S.	Kingston	12
ZHONG	WEIWEI	Glenforest S.S.	Mississauga	12
ZHOU	HONGJIAN	Appleby College	Oakville	11
ZHOU	JIULING	Burnaby North S.S.	Burnaby	11
ZHOU	RENAUISHIHUI	St. Benedict C.S.S.	Cambridge	12
ZHU	RONGRONG	New Oriental Int'l College	Scarborough	12
ZHU	YUXIN	New Oriental Int'l College	Scarborough	12
ZOU	ALVIN	Prince of Wales S.S.	Vancouver	9

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International

Rank/Rang	School/École	City/Ville	Score/Note
1	DaLian Zhongshan Stanford Lang. Train. S	DaLian	286
1	ICAE	Troy	286
3	Math Trainers Guild of Philippines	Zamboanga City	282
4	British Columbia Academy	Nanjing	277
5	H.S. Affiliated to Nanjing Normal Uni.	Nanjing Jiangsu	274
5	No. 2 H.S. att. to East China Normal Uni	Shanghai	274
5	Rosedale Academy-Shenyang	Shenyang	274
5	UW - Beijing	Beijing	274
9	Chengdu Shude Senior H.S.	Chengdu	273
9	High School aff. to Shanghai Jiao Tong U	Shanghai	273
11	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	269
11	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	269
13	Beijing No.4 High School International C	Beijing	268
14	Qingdao Pennon Foreign Language School	Qingdao Shandong	267
14	Rosedale Academy Tianjin	Tianjin	267
14	Surya Institute	Tangerang	267
17	Cambridge Int'l Ctr. of Shanghai Normal	Shanghai	266
17	National Junior College	Singapore	266
19	Hangzhou Foreign Language School	Hangzhou Zhejiang	265
20	The Affiliated H.S. of South China Norma	Guangzhou Guangdong	264
21	SMA Kristen Petra 2	Surabaya	262
21	Shenzhen Senior H.S.	Shenzhen	262
21	Wuxi Nol H.S	Wuxi Jiangsu	262
24	Dalian No. 24 High School	Dalian	261
24	Shanghai Weiyu H.S	Shanghai	261
24	The H.S. Affiliated to Renmin Uni. of Ch	Beijing	261
24	Zhengzhou Foreign Language School	Zhengzhou	261
28	Anglo-Chinese Junior College	Singapore	260
29	Ningbo Foreign Language School	Ningbo	259
29	Shanghai Pinghe School	Shanghai	259
31	Dalian Ealing Int'l College	Dalian	258
32	Jinan Foreign Language School	Jinan	257
33	Chongqing Nankai S. S.	Chongqing	256
34	Beijing National Day School	Beijing	255
35	Jiangsu Tianyi H.S.	Wuxi Jiangsu	254
35	Tianjin No.1 High School	Tianjin	254
37	Fiitjee Junior College	Hyderabad	253
37	High School att'd to Northeast Normal Un	Changchun	253
37	Philippine Science High School	Quezon City	253
37	Shanghai Guanghua College-Fudan Campus	Shanghai	253
37	Suzhou High School	Suzhou	253
42	Dalian Maple Leaf Int'l School-Boys' Cam	Dalian Jinshitan	252
43	Chongqing No.1 International Studies Sc	Yubei	251
43	YK Pao School	Shanghai	251
45	National Institute of Technology	Beijing	250
45	Shanghai World Foreign Language M.S.	Shanghai	250
45	Sunway College-Canadian Int'l Mat. Progr	Selangor Darul Ehsan	250
48	SIP Dulwich College United School	Suzhou	248
48	Shenzhen Experimental School	Shenzhen Guangdong	248
50	Chengdu No 7 H. S. (Gaoxin Campus)	Chengdu	247
50	Shenzhen Foreign Language School	Shenzhen	247

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International

Name/Nom	School/École	Location/Endroit	Grade/Niveau
Group I/Groupe I	Scores/Notes 100 - 97		
BHATTACHARYA	ANKAN	ICAE	Troy 11
PATUPAT	ALBERT JOHN	Math Trainers Guild of Philippines	Zamboanga City 10
WANG	YUHAN	DaLian Zhongshan Stanford Lang. Tra	DaLian 11
ZHANG	ZHENYUAN	Rosedale Academy-Shenyang	Shenyang 12
ZHAO	FREDDIE	ICAE	Troy 9
Group II/Groupe II	Scores/Notes 96 - 93		
CHONG	JINGER	Math Trainers Guild of Philippines	Zamboanga City 9
CHRISTIAN	STEVANS	SMA Kristen Petra 2	Surabaya 12
DULAY	KYLE PATRICK	Philippine Science High School	Quezon City 10
HU	YUTIAN	The Affiliated H.S. of South China	Guangzhou Guangdong 10
HU	ZHIQING	UW Shanghai	Shanghai 12
JIANG	TIANXING	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu 11
LI	ZIHAO	Jinling H.S.	Nanjiing 11
LUO	JINGNING	Guangzhou Zhixin High School	Guangzhou 11
WAHYUDI	TIMOTHY J	Surya Institute	Tangerang 11
YANG	ZIXIAO	Chengdu Shude Senior H.S.	Chengdu 11
ZENG	ZHENGTAO	Shenzhen Col. of Inter. Education	Shenzhen Guangdong 10
ZHANG	HAN ZHI	DaLian Zhongshan Stanford Lang. Tra	DaLian 10
ZHANG	QIWEI	Zhengzhou Foreign Language School	Zhengzhou 11
ZHANG	SHUANGYI	British Columbia Academy	Nanjing 11
ZHAO	YANGRONG	Shenzhen Senior H.S.	Shenzhen 11
Group III/Groupe III	Scores/Notes 92 - 90		
ANDRIANI	FRANSISCA	SMA Kristen Petra 2	Surabaya 12
CAI	MINGXUAN	UW - Beijing	Beijing 12
CHEN	YUHAO	Jinling H.S.	Nanjiing 11
HE	YIJUN	Ningbo Foreign Language School	Ningbo 11
HONG	HAOYUN	High School aff. to Shanghai Jiao T	Shanghai 11
JUDOKUSUMO	APRILLIA	Intan Permata Hati	Surabaya 12
LI	HANGXIN	YK Pao School	Shanghai 11
LI	YIXUAN	High School att'd to Northeast Norm	Changchun 11
LIU	NIANCHEN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei 11
LIU	SHUKAI	Beijing No.4 High School Internatio	Beijing 11
LU	JINGYI	Jinling H.S.	Nanjiing 11
LU	YAO	No. 2 H.S. att. to East China Norma	Shanghai 10
LYU	RUNHE	Shenzhen M.S.	Shenzhen 11
MA	JIAJIE	High School aff. to Shanghai Jiao T	Shanghai 11
NEERAJE	VISHAL	Aecs Magnolia Maaruti P.S.	Bangalore 12
RUNDI	ZHOU	High School aff. to Shanghai Jiao T	Shanghai 12
SAMIEE	ALIREZA	Young Mathematician Association	Tehran 12
SATHYANARAYANA	RAAMAMURTHY	Taylor's College - Subang Jaya Camp	Subang Jaya Selangor 12
SHEN	MAOHUAO	Hangzhou New Century Foreign Langua	Hangzhou 12
TAO	CHAOFAN	No. 2 H.S. att. to East China Norma	Shanghai 11
WANG	KAIXIN	Shenzhen M.S.	Shenzhen 11
WANG	STEVEN JOHN	Math Trainers Guild of Philippines	Zamboanga City 10
WANG	XIAOFEI	No. 2 H.S. att. to East China Norma	Shanghai 10

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Group III/Groupe III

Scores/Notes 92 - 90

XIA	YIQING	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	10
XIANG	KAIDI	Cambridge Int'l Ctr. of Shanghai No	Shanghai	12
XU	MINGJIAN	Dalian Ealing Int'l College	Dalian	11
YANG	XIAO FENG	DaLian Zhongshan Stanford Lang. Tra	DaLian	11
YAO	TIANHAO	No. 2 H.S. att. to East China Norma	Shanghai	10
YAXIN	TAN	Chengdu Shude Senior H.S.	Chengdu	11
YE	HAOYU	Shenzhen M.S.	Shenzhen	11
YIN	JIAMING	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	12
YU	ZHILE	Shenzhen M.S.	Shenzhen	11
ZHAN	YINTIAN	British Columbia Academy	Nanjing	11
ZHANG	LIYANG	UW - Beijing	Beijing	11
ZHANG	SHAOJIE	National Junior College	Singapore	12
ZHANG	TONGXIN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
ZHANG	YUXIU	British Columbia Academy	Nanjing	11
ZHENG	HANTANG	UW - Beijing	Beijing	11
ZHU	WENCHANG	Wuhan Foreign languages School	Wuhan	12

Group IV/Groupe IV

Scores/Notes 89 - 88

ANG	YI FANG	Sunway College-Canadian Int'l Mat.	Selangor Darul Ehsan	12
ARORA	AJAY	ICAE	Troy	9
CHEN	YIZHI	Shanghai Weiyu H.S	Shanghai	11
CHEN	ZIXIN	Anglo-Chinese School (Independent)	Singapore	12
CHI	ZHANG	Shanghai Weiyu H.S	Shanghai	12
DENG	ZIRUI	Jinling H.S.	Nanjiing	11
DING	YUE	British Columbia Academy	Nanjing	12
DU	FANG	Beijing No.4 High School Internatio	Beijing	11
FEI	YANNAN	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	10
GE	ERIC	The H.S. Affiliated to Renmin Uni.	Beijing	12
GUO	JIACHENG	Rosedale Academy-Shenyang	Shenyang	11
HE	MUYANG	The H.S. Affiliated to Renmin Uni.	Beijing	12
HOU	KAIWEN	High School aff. to Shanghai Jiao T	Shanghai	12
HU	YUE	Jinling H.S.	Nanjiing	11
HUANG	LIHUI	The Affiliated H.S. of South China	Guangzhou Guangdong	10
JIN	RENJIE	Cambridge Int'l Ctr. of Shanghai No	Shanghai	10
JIN	ZEYU	Shenzhen M.S.	Shenzhen	11
KALAKOTI	GIRIJA MANOJ	Fiitjee Junior College	Hyderabad	12
LIN	JIASHENG	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
LIN	ZHEYUAN	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
LIU	DINGZHOU	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	11
LIU	RUOYUAN	British Columbia Academy	Nanjing	12
MA	XUEGUANG	UW - Beijing	Beijing	12
MA	YIZHOU	UW Shanghai	Shanghai	11
MAO	YIFAN	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	10
MEN	CHENGKAI	Anglo-Chinese School (Independent)	Singapore	9
MERE HIDALGO	PABLO	ITESM Campus Queretaro	Queretaro	12
NI	BAO YI	Shenzhen Senior H.S.	Shenzhen	10
PAN	ZICEN	British Columbia Academy	Nanjing	11
QIAN	JIAYI	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
RAO	ZEXI	High School aff. to Shanghai Jiao T	Shanghai	11
SHEN	HAO	Jiangsu Tianyi H.S.	Wuxi Jiangsu	11
SOON KEAT	TAN	St Joseph's Institution	Singapore	12

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Group IV/Groupe IV

Scores/Notes 89 - 88

SUN	RUIPU	Shanghai World Foreign Language M.S	Shanghai	11
TAN	BINKAI	UW - Beijing	Beijing	12
TIAN	WANGSEN	Chongqing Foreign Language School	Chongqing	12
TONG	BOYUAN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
WAHYUDI	WILLIAM	Anglo-Chinese School (Independent)	Singapore	9
WANG	SHOUQIAO	Rosedale Academy Tianjin	Tianjin	10
WANG	TIANHAO	UW Shanghai	Shanghai	13
WANG	XINAN	Dalian No. 24 High School	Dalian	11
WEN	YUXIAO	Shenzhen M.S.	Shenzhen	11
WU	CHENGBEIER	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
XIA	JERRY	Suzhou High School	Suzhou	11
XIAO	GENGYANG	Rosedale Academy Tianjin	Tianjin	10
YANG	CHENXIN	Chengdu Shude Senior H.S.	Chengdu	11
YANG	YUNHAN	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	13
YU	ANNAN	Hangzhou New Century Foreign Langua	Hangzhou	11
YU	HAORAN	National Junior College	Singapore	12
YUAN	JIAMING	Ningbo Foreign Language School	Ningbo	11
YUAN	YUJIA	Wuxi Nol H.S	Wuxi Jiangsu	11
YUTONG	CAI	Anglo-Chinese Junior College	Singapore	11
ZHANG	TIANYU	Chengdu Shude Senior H.S.	Chengdu	10
ZHANG	YIBIN	Hangzhou New Century Foreign Langua	Hangzhou	11
ZHANG	YIM U	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	10
ZHANG	YINGQI	Tianjin No.1 High School	Tianjin	12
ZHANG	ZHEFAN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
ZHONG	XIRUI	British Columbia Academ	Nanjing	12
ZHOU	LINGXI	UW - Beijing	Beijing	12
ZHOU	LUNSHI	Chongqing Nankai S. S.	Chongqing	10
ZHOU	QIANYE	Jinling H.S.	Nanjiing	12
ZHOU	ZIHAN	Rosedale Academy Tianjin	Tianjin	10
ZHU	DIWEN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
ZHU	JINGHAN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	10
ZHU	WANTING	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
ZHU	WEIHAN	UW Shanghai	Shanghai	11

Group V/Groupe V

Scores/Notes 87 - 86

AN	ZERUI	Suzhou High School	Suzhou	11
BAWEJA	ANUBHAV	UW Delhi	Delhi	11
BERNARDO	LUKE	Math Trainers Guild of Philippines	Zamboanga City	10
CAI	KEWEN	UW Shanghai	Shanghai	12
CAI	YUYAN	Nanjing Foreign Language School	Nanjing	11
CHAN	JENSEN	Anglo-Chinese School (Independent)	Singapore	12
CHE	YUXUAN	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
CHEN	KEN	Jinling H.S.	Nanjiing	11
CHEN	QIANFAN	Jinling H.S.	Nanjiing	10
CHEN	SHUHAN	Shenzhen M.S.	Shenzhen	12
CHEN	SIJUN	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
CHEN	YI	U-Link College of Beijing	Beijing	12
CHEN	YUXIN	No. 2 H.S. att. to East China Norma	Shanghai	11
CHI	ZINAN	British Columbia Academ	Nanjing	12
CONG	YEZHEN	No. 2 H.S. att. to East China Norma	Shanghai	11
DONG	MINGDA	UW - Beijing	Beijing	12

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Scores/Notes 87 - 86

DU	JIANHANG	Rosedale Academy-Shenyang	Shenyang	10
FAN	JIXIAN	National Institute of Technology	Beijing	12
FENG	ZHAOYU	National Institute of Technology	Beijing	12
HAO	HAO	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
HE	MUYU	Chengdu No 7 H. S. (Gaoxin Campus)	Chengdu	10
HOU	ZHENGHAO	UW Shanghai	Shanghai	12
HU	PEIYAN	Nanjing Foreign Language School	Nanjing	11
HU	QITIAN	Shanghai Pinghe School	Shanghai	10
HU	RUNYU	Shanghai Pinghe School	Shanghai	10
HU	YUXI	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	10
HUANG	JIAN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
HUANG	WENJING	Rosedale Academy-Shenyang	Shenyang	12
JIAO	JIE	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	10
JIN	CHEN	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
KANG	YU	UW - Beijing	Beijing	11
LI	FANGZHENG	Shenzhen M.S.	Shenzhen	11
LI	LUN	Hangzhou New Century Foreign Langua	Hangzhou	11
LI	MINGXI	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
LI	SIYAN	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
LI	YANJIA	UW Shanghai	Shanghai	12
LI	YIFEI	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	10
LI	YILINN	Shenzhen M.S.	Shenzhen	11
LI	ZHAOWEI	Nanjing Foreign Language School	Nanjing	11
LI	ZIQI	Jinan Foreign Language School	Jinan	11
LIAN	JIAN	UW - Beijing	Beijing	12
LIN	XIAOYUE	Maple Leaf Int'l Sch. - Shanghai	Shanghai	12
LIU	CUNHAO	Chengdu Shude Senior H.S.	Chengdu	12
LIU	JINZHE	Zhengzhou Foreign Language School	Zhengzhou	11
LIU	MENGZHENH	Beijing National Day School	Beijing	10
LIU	MOXUAN	Beijing No.4 High School Internatio	Beijing	11
LIU	SHIZI	Shenzhen M.S.	Shenzhen	11
LU	HANTAO	Wuxi No1 H.S	Wuxi Jiangsu	11
LU	SHUANGYING	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
LUO	RUOFAN	Chengdu Shude Senior H.S.	Chengdu	12
LUO	YIQIU	Nanjing Foreign Language School	Nanjing	11
MA	JIALIANG	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	11
MAYER	MOSES	Surya Institute	Tangerang	9
PAN	YUXIN	Dalian Maple Leaf Int'l School - Gi	Dalian Jinshitan	12
PANDIT	KARTIK	Indian School Al Ghubra	Muscat Sultanate of	12
QI	HONGRU	Canada Shandong S.S.	Tai'an	12
QIAN	YIXIN	UW Shanghai	Shanghai	11
QU	AOHAN	National Junior College	Singapore	12
REN	YUNFEI	Rosedale Academy Tianjin	Tianjin	11
SEKHON	SENAN	Anglo-Chinese Junior College	Singapore	11
SUMENDAP	WILLIAM	Surya Institute	Tangerang	11
SUN	CHUYUE	British Columbia Academy	Nanjing	11
SUN	HAO	Chongqing Nankai S. S.	Chongqing	11
SUN	HAORAN	Nanjing Foreign Language School	Nanjing	11
SUN	YI	Shanghai Pinghe School	Shanghai	10
THAVAMANI	CHITTESH	ICAE	Troy	10
TORRES	VINCE JAN	Math Trainers Guild of Philippines	Zamboanga City	10
WANG	HAOYU	UW - Beijing	Beijing	11

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International

Group V/Groupe V

Scores/Notes 87 - 86

WANG	KEHAN	Nanjing Foreign Language School	Nanjing	12
WANG	RUIYING	British Columbia Academy	Nanjing	12
WANG	SHUHANG	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
WANG	WENZHONG	UW Shanghai	Shanghai	11
WANG	YIKAI	Rosedale Academy Tianjin	Tianjin	9
WANG	YIXIAO	High School aff. to Shanghai Jiao T	Shanghai	11
WEI	KUNLUN	Nanjing Foreign Language School	Nanjing	11
WEI	YUAN	High School aff. to Shanghai Jiao T	Shanghai	10
WEN	XIN	Dalian No. 24 High School	Dalian	12
WU	SHENHAN	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
WU	YUCAN	British Columbia Academy	Nanjing	11
WU	ZHENGXUN	Nanjing Foreign Language School	Nanjing	11
XIE	HONGSHENG	Jinling H.S.	Nanjiing	11
XING	RUOFAN	Henan Experimental High School	Zhengzhou-Henan Prov	12
XU	XUANHUANG	Jinling H.S.	Nanjiing	10
YANG	YANG	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
YANG	YANRUI	No. 2 H.S. att. to East China Norma	Shanghai	10
YAO	LUHAN	Chengdu Shude Senior H.S.	Chengdu	12
YAO	RUIYANG	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
YAO	XINYU	Shanghai Guanghua College-Fudan Cam	Shanghai	11
YU	PINGAN	Wuxi Nol H.S	Wuxi Jiangsu	11
YU	SHUAI	Cambridge Int'l Ctr. of Shanghai No	Shanghai	12
ZHANG	JUNGE	Jinan Foreign Language School	Jinan	11
ZHANG	SHUAIPENG	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	10
ZHANG	ZHIJIA	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
ZHANG	ZIYI	No. 2 H.S. att. to East China Norma	Shanghai	11
ZHAO	ZHONGWEI	Chengdu Shude Senior H.S.	Chengdu	12
ZHAO	ZIHAN	Rosedale Academy-Shenyang	Shenyang	11
ZHENG	JIANQIAO	Confucius International School Qing	Shandong	11
ZHOU	BAIGE	Rosedale Academy-Shenyang	Shenyang	10
ZHOU	XIANYA	UW - Beijing	Beijing	12
ZHOU	YIJIE	Changzhou Sr. H.S. of Jiangsu Provi	Changzhou	12
ZHOU	ZEXI	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	10
ZHOU	ZIZHUANG	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
ZHU	XIAOHA N	Jiangsu Tianyi H.S.	Wuxi Jiangsu	11
ZHUO	YUNPENG	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	10
ZUO	XIAOMENG	Beijing National Day School	Beijing	12
ZUO	XIAOTONG	Shenzhen Concord College of Sino-Ca	Nashan District Shen	10

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

SCORES / NOTES 100 - 80

Name/Nom	School/École	Location/Endroit
BAO	XINBO	Sir Winston Churchill S.S.
BI	DIANE	Havergal College
CAO	XUEDI	Bond Academy/Bond Int'l College
CARLON	LYU	Fraser Heights S.S.
CHEN	BINWEI	WillowWood School
CHEN	CHUCHI	Elite Academic School
CHEN	DAOYOU	London Int'l Academy
ELENDT	ERICH	University of Toronto Schools
FU	JIAQI	Iroquois Ridge H.S.
FU	ZHENGKAI	Royal Crown Academic School
GUO	SHUTING	Bond Academy/Bond Int'l College
HONG	YUSHU	Columbia Int'l College
HURST	ROB	Medway H.S.
JIANG	LI	Bur Oak S.S.
KANG	DAVID	Iroquois Ridge H.S.
LEI	CHEN XU	Don Mills C.I.
LIAN	XIN	Imperial College Of Toronto
LI	JINGLIN	Rockridge S.S.
LIN	ANDREW	University Hill S.S.
LI	YAN	Bronte College Of Canada
LI	YAO	Stelly's School
LU	JIANYI	Royal Elite Int'l Academy
MA	MAVIS	Langstaff S.S.
MA	YOLANDA	University Hill S.S.
NIU	HUILIN	Richmond Green S.S.
QIAN	ERJUN	Imperial College Of Toronto
RUOSEN	GAO	Columbia Int'l College
SHAN	WENQI	Markville S.S.
SHAO	YUXUAN	Corpus Christi C.S.S.
SHI	JANE	Sir Winston Churchill H.S.
SHI	XIRAN	Appleby College
SONG	XINLU	Columbia Int'l College
SUN	ZHENYU	London Int'l Academy
TANG	YIXIN	Taie Int'l Institute
WANG	JIAQI	Taie Int'l Institute
WANG	SHIYING	SuOn International Academy
WANG	VIKI	Unionville H.S.
WANG	XIN	London Int'l Academy
WANG	YI JIE	The Woodlands Sec. School
WU	YUQI	Walter Murray C.I.
XU	WENLIN	SuOn International Academy
YANG	RUIXUAN	Imperial College Of Toronto
YAN	JUN	Columbia Int'l College
YAN	RUOMEI	New Westminster S.S.
YAO	YUWEI	Can-Lakeshore Academy
YI	JEONGSEOP	Waterloo C.I.
YING	NINGXIN	Burnaby North S.S.
YITONG	XIAO	Guelph C. and V.I.
ZHANG	JIAYI	Don Mills C.I.
ZHANG	JULIA	Georges Vanier S.S.

Unofficial Results**Résultats non-officiels**

Name/Nom		School/École	Location/Endroit
ZHANG	LUNJUN	St. Thomas of Villanova College	King City, ON
ZHAO	FEIXIONG	University Hill S.S.	Vancouver, BC
ZHAO	XINHE	The Woodlands Sec. School	Mississauga, ON
ZHENG	GUO	Richmond Hill H.S.	Richmond Hill, ON
ZHENG	SHUANG	Princeton Academy of Canada	Toronto, ON
ZHONG	FANBO	Columbia Int'l College	Hamilton, ON
ZHONG	YIKUN	London Int'l Academy	London, ON
ZHOU	ALICE	Waterloo C.I.	Waterloo, ON
ZHOU	JIACHEN	Taie Int'l Institute	Toronto, ON
ZHOU	JINGSEN	Royal Elite Int'l Academy	St. Catherines, ON
ZHOU	LINQI		Vancouver, BC
ZHOU	YIZHI	Oak Bay S.S.	Victoria, BC
ZHU	LICHEN	Bur Oak S.S.	Markham, ON
ZOU	YAZHUA	VIP Academy	Toronto, ON