The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et en INFORMATIQUE

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2013 *2013*
Results *Résultats*

Euclid Contest *Concours Euclide*

UNIVERSITY OF
WATERLOO

WATERLOO
MATHEMATICS

Deloitte.

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Problems Committee / Comité des problèmes

Fiona Dunbar (Chair / présidente), University of Waterloo, Waterloo, ON
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Charlotte Danard, Toronto, ON
Garry Kiziak, Burlington, ON
Darren Luoma, Bear Creek S.S., Barrie, ON
Alex Pintilie, Crescent School, Toronto, ON
David Pritchard, Princeton University, Princeton, NJ
Ross Willard, University of Waterloo, Waterloo, ON

Overall Comments

Congratulations to all of the participants in the 2013 Euclid Contest. The average score in 2013 was 48.8. We were very pleased that a large number of students achieved some success on the early parts of the last few problems on 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 25 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 Problems 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: 9.1

   This question was well done, with very few arithmetic errors. Common errors included an answer such as -113 in part (a) that does not fit with the conditions given in the question.

2. Average: 8.8

   Parts (a) and (c) were well done. Part (b) was fairly well done. A common error in part (b) included taking the reciprocal of both sides of the positive quantities and not changing the direction of the inequalities. Some students used trigonometry for part (c) and as a result obtained an approximate answer.

3. Average: 7.1

   Part (a) was fairly well done. A common mistake was giving an answer for the number of terms that were even, rather than the number of terms that were odd. Some students gave a correct answer for only the first 99 terms of the Fibonacci sequence. Part (b) was well done. Students presented a variety of algebraic solutions that involving formulae for sequences or for linear functions.

4. Average: 6.3

   Part (a) was fairly well done. A number of students did not include the five single digit positive integers in the total. Part (b) was well done. Students demonstrated knowledge of solving a quadratic equation algebraically by factoring. Many students did not finish their solution by writing a concluding statement with the ordered pairs.

5. Average: 6.1

   Part (a) was fairly well done. Most students created some kind of chart to enumerate the possible combinations of rolls. In part (b), most students were able to correctly determined the coordinates of the vertex V and the coordinates of the points of intersection between the parabola and the line. Many students then were not sure how to calculate squares of the distances between the various points.

6. Average: 4.4

   In part (a), many students correctly determined the length of the diameter of the plate. Most who did this correctly then also correctly determined the areas required, but some misused the formula for the area of the circle or miscalculated the radius of the plate or the area of the slice of pizza. While marking part (b),

our markers became experts at discerning the many different forms of the correct answer! Lots of students started by labelling one side length of one triangle with a variable and then used the given information to calculate a number side lengths as possible in terms of this variable and θ. The keys to finishing this problem was persistence, and eventually eliminating the variable introduced at the beginning.

7. Average: 3.2

   In part (a), some students expressed $\tan x$ in terms of $\cos x$ and $\sin x$, but proceeded no further. Others were able to rearrange to obtain an equation like $1 - \sin x = 3\cos x$. Many squared both sides of this equation to find two possible numerical values for $\sin x$, but did not double check both values in the original equation. In part (b), students had to determine the equation for the inverse function of an arbitrary linear function. Many did this successfully and then substituted into the given equation to try to solve for a and b. Others noticed that since $f(x) - g(x)$ equals a constant, then the given line and its inverse function must be parallel, and so must have slope 1 or -1.

8. Average: 2.1

   In part (a), quite a few students make some crucial observations about the problem (for example, $a^3 < 2013$ and so $a < 13$, a must be odd, etc.). However, many students also missed the "boundary" case of $(a, b) = (1, 1006)$, forgetting that 1 is also a divisor of 2013. Many students found at least one of the three desired solutions. Part (b) was a very complicated problem involving exponents and logarithms. Many students did not apply logarithm rules correctly or invented incorrect logarithm rules. The students who solved this problem correctly noticed that grouping similar quantities and finding a pattern are crucial to the solution.

9. Average: 1.2

   Part (a) was generally well done by many students. There were many solutions in the form of text without any mathematical rigour. These often included statements along the lines of "if I move this square up a bit, this trapezoid's area goes down a bit". Mathematics does require explanation, but it also requires equations and precision in the explanation. In part (b), a construction was generally needed as a first step. There are two main constructions that yield the correct proof: congruent triangles may be placed outside or inside the inner square. Many students did not sufficiently prove congruence of these triangles – saying they are "obviously" congruent is not a strong enough argument. This was a very difficult problem that students either could not approach, or would make incorrect or unhelpful constructions, or would leave out crucial details in the proof.

10. Average: 0.3

    In parts (a) and (b), students generally tried to compute the desired quantities by listing all possible partitions. Quite often, students were off-by-one in part (a), or off my more than one in part (b). In order to develop a correct solution, many students correctly noticed that $P(4 \times 5^m) = P(9 \times 2^m)$, since when prime factorizations have the same structure, the number of partitions will be the same.

Please visit our website at www.cemc.uwaterloo.ca to download the 2013 Euclid Contest, plus full solutions.

Commentaires Généraux

Félicitations à tous les participants du Concours Euclide 2013. La note moyenne était 48,7. Nous avons eu le plaisir de constater que beaucoup d'élèves ont eu du succès dans les premières parties des dernières 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 vingt-cinq 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 résonablement bien, tandis que d'autres n'inclus aucune explication avec leurs réponses.

Un grand merci va au comité des problèmes 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: 9,1
   Cette question a été bien réussie. On a constaté peu d'erreurs d'arithmétique. Les erreurs les plus communes étaient des réponses telles que -113, dans la partie (a), qui ne répondent pas aux conditions de l'énoncé.

2. Moyenne: 8,8
   Les parties (a) et (c) ont été bien réussies. La partie (b) a été assez bien réussie. Dans la partie (b), bon nombre d'élèves ont travaillé avec l'inverse des nombres dans les inéquations sans renverser le sens des signes d'inégalité. Dans la partie (c), certains élèves ont fait appel à la trigonométrie, ce qui leur a donné une réponse approximative.

3. Moyenne: 7,1
   La partie (a) a été assez bien réussie. Bon nombre d'élèves ont donné le nombre de termes pairs plutôt que le nombre de termes impairs. Certains ont donné le nombre de termes impairs parmi les 99 premiers termes de la suite de Fibonacci. La partie (b) a été bien réussie. Les élèves ont utilisé une variété de formules ou d'équations se rapportant à des suites arithmétiques ou à des fonctions affines.

4. Moyenne: 6,3
   La partie (a) a été assez bien réussie. Certains élèves ont omis les nombres d'un chiffre, soit 1, 3, 5, 7 et 9, en comptant le nombre d'entiers. La partie (b) a été bien réussie. Les élèves semblaient avoir maîtrisé comment résoudre des équations du second degré par factorisation. Bon nombre d'élèves n'ont pas terminé leur solution au moyen d'un énoncé final qui donne les couples.

5. Moyenne: 6,1
   La partie (a) a été assez bien réussie. La plupart des élèves ont construit un tableau pour énumérer les résultats possibles des deux dés . Dans la partie (b), la plupart des élèves ont réussi à déterminer les coordonnées du sommet S, ainsi que les coordonnées des points d'intersection de la parabole et de la droite. Par la suite, bon nombre d'élèves ne semblaient pas savoir comment déterminer les carrés des distances entre les points.

6. Moyenne: 4,4

   Dans la partie (a), bon nombre d'élèves ont réussi à détermier le diamètre du plat. Parmi ceux-ci, la plupart ont ensuite réussi à déterminer les aires en question. Les autres ont mal utilisé la formule pour l'aire d'un disque, ou mal calculé le rayon du plat ou l'aire du morceau de pizza. En notant la partie (b), nos correcteurs ont développé une expertise à reconnaître les diverses formes possibles de la bonne réponse! Beaucoup d'élèves ont utilisé une variable pour représenter la longueur d'un côté d'un triangle pour ensuite représenter les autres longueurs de côtés en fonction de cette variable et de θ. Pour réussir, il fallait de la persévérence pour éventuellement éliminer cette variable.

7. Moyenne: 3,2

   Dans la partie (a), certains élèves ont exprimé $\tan x$ en fonction de $\cos x$ et de $\sin x$, sans continuer. D'autres ont continué pour obtenir une équation comme $1 - \sin x = 3 \cos x$. Bon nombre d'élèves ont élevé chaque membre de cette équation au carré pour obtenir deux valeurs numériques possibles de $\sin x$, sans vérifier si ces valeurs satisfaisaient à l'équation donnée dans l'énoncé. Dans la partie (b), les élèves devaient déterminer une équation pour la fonction réciproque d'une fonction affine générale. Bon nombre d'élèves ont réussi à le faire. Ils ont ensuite reporté dans l'équation donnée pour déterminer les valeurs de a et de b. D'autres ont remarqué que puisque $f(x) - g(x)$ est une constante, alors la droite représentative de la fonction donnée et celle de la fonction réciproque doivent être parallèles et qu'elles doivent avoir une pente de 1 ou de -1.

8. Moyenne: 2,1

   Dans la partie (a), bon nombre d'élèves ont fait des remarques pertinentes au sujet du problème (par exemple, $a^3 < 2013$ et donc $a < 13$, a doit être impair, etc.). Bon nombre d'élèves ont oublié le couple $(a, b) = (1, 1006)$, oubliant que 1 est un diviseur de 2013. Beaucoup d'élèves ont réussi à déterminer au moins une des trois réponses. Le problème de la partie (b) était particulièrement difficile. Il traitait de logarithmes et d'exposants. Beaucoup d'élèves ont mal utilisé les lois de logarithmes ou ont inventé de fausses lois. Les élèves qui ont réussi à résoudre ce problème ont remarqué qu'il était utile de regrouper des termes semblables et de chercher une régularité.

9. Moyenne: 1,2

   Bon nombre d'élèves ont réussi la partie (a). Bon nombre de solutions sous forme d'un texte manquaient de précision. Par exemple, on a affirmé que « si on fait glisser ce carré vers le haut, l'aire de ce trapèze diminue un peu ». En mathématiques, il faut des explications, mais il faut aussi de la précision que l'on présente parfois au moyen d'équations. Dans la partie (b), il fallait commencer par une construction. Deux constructions pouvaient mener à une solution, soit la construction de triangles isométriques à l'intérieur ou à l'extérieur du carré intérieur. Beaucoup d'élèves n'ont pas suffisamment démontré que ces triangles étaient isométriques en affirmant, par exemple, qu'il était évident que les triangles étaient isométriques. Ce problème était particulièrement difficile. De façon générale, les élèves ne savaient pas comment entreprendre une solution, ou ils ajoutaient des constructions incorrectes ou inutiles, ou encore ils omettaient des éléments importants de la preuve.

10. Moyenne: 0,3

    Dans les parties (a) et (b), les élèves ont tenté de répondre en indiquant toutes les partitions possibles. Pour bon nombre d'élèves, il manquait une partition dans la partie (a). Dans la partie (b), il en manquait souvent plusieurs. Pour en arriver à une solution, bon nombre d'élèves ont remarqué que $P(4 \times 5^m) = P(9 \times 2^m)$, puisque deux factorisations premières qui ont la même structure auront le même nombre de partitions.

Veuillez visiter notre site Web à www.cemc.uwaterloo.ca pour télécharger le Concours Euclide 2013, avec solutions complètes.

STUDENTS / ÉLÈVES
Students are listed in alphabetical order. / Les élèves sont nommés en ordre alphabetique.

Plaques	Michael Chow	Albert Campbell C.I.	Scarborough, ON
	Alexandru Gatea	Waterloo C.I.	Waterloo, ON
	Ziqing Li	Dr. Norman Bethune C.I.	Scarborough, ON
	Michael Pang	Fort Richmond C.I.	Winnipeg, MB
	Daniel Spivak		Richmond Hill, ON

Each plaque winner receives a \$500 cash prize from the Centre for Education in Mathematics and Computing. /
Chaque élève qui reçois une plaque recevra aussi un prix de 500 \$ du Centre d'éducation en mathématiques et en informatique.

Book Prizes/	Sina Abbasi		Toronto, ON
	Chen Chang	Vincent Massey S.S.	Windsor, ON
	Yurong Zhu	Sentinel S.S.	West Vancouver, BC
	Richard Du	Marc Garneau C.I.	North York, ON
	Yi Liu	York Mills C.I.	North York, ON
	Antonio Molina Lovett	École Ste. Anne	Fredericton, NB
	Edward Tsai	Vincent Massey S.S.	Windsor, ON
	Henry Wu	University of Toronto Schools	Toronto, ON
	Suizhi Wu	Lester Pearson College	Victoria, BC
	Xinyuan Yu	Mentor College	Mississauga, ON
	Qiyi Zhao	Havergal College	North York, ON

TEAMS / ÉQUIPES

Champion/Première:	Vincent Massey S.S.	Windsor, ON
Second/Deuxième:	Burnaby North S.S.	Burnaby, BC
Third/Troisième:	Waterloo C.I.	Waterloo, ON
Fourth/Quatrième:	University of Toronto Schools	Toronto, ON
Fifth/Cinquième:	Fort Richmond C.I.	Winnipeg, MB

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

	Enrollment/ Inscription
AB	530
BC	2314
MB	255
NB	142
NL	127
NS	151
ON	9042
PE	38
QC	256
SK	129
YT	5
International	4285
Total	17274

There were 1393 schools enrolled. / 1393 écoles étaient inscrites.

Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position
100	1	74	500	49	4517	24	8651
99		73	588	48	4733	23	8736
98		72	673	47	4958	22	8816
97	2	71	767	46	5160	21	8891
96		70	871	45	5394	20	8960
95		69	983	44	5602	19	9021
94	3	68	1084	43	5813	18	9066
93	4	67	1208	42	6005	17	9094
92	6	66	1329	41	6201	16	9122
91	9	65	1471	40	6388	15	9151
90	17	64	1608	39	6610	14	9174
89	26	63	1760	38	6781	13	9204
88	38	62	1927	37	6964	12	9229
87	49	61	2098	36	7142	11	9242
86	64	60	2270	35	7312	10	9257
85	77	59	2430	34	7476	9	9263
84	98	58	2627	33	7616	8	9276
83	122	57	2816	32	7754	7	9284
82	140	56	2990	31	7911	6	9290
81	159	55	3208	30	8038	5	9296
80	191	54	3411	29	8156	4	9301
79	219	53	3636	28	8271	3	9303
78	267	52	3875	27	8374	2	9306
77	306	51	4086	26	8469	1	9309
76	366	50	4308	25	8561	0	9311
75	439						

N.B. These rankings pertain to official contestants only. /
N.B. Ces rangs ne s'appliquent qu'aux concurrents officiels.

Distribution of Marks / Distribution des points
This chart pertains to official contestants only. / Le graphique s'appliquent qu'aux concurrents officiels.

Number of competitors: 9311
Average Mark: 48.74

Score/ Note	Percentage of Students/ Pourcentage des ètudiants	Cumulative Percentage/ Pourcentage accumulé
81-100	2.0	2.0
76-80	2.7	4.7
71-75	4.6	9.3
66-70	6.4	15.7
61-65	8.6	24.3
56-60	10.1	34.4
51-55	11.8	46.2
46-50	11.7	57.9
41-45	10.7	68.6
36-40	9.9	78.5
31-35	7.8	86.3
26-30	5.6	91.9
21-25	4.3	96.2
0-20	3.8	100.0

2013
Euclid Contest/Concours Euclide
Team Honour Roll/Palmarès d'équipes

Rank/Rang	School/École	City/Ville	Score/Note
1	Vincent Massey S.S.	Windsor	273
2	Burnaby North S.S.	Burnaby	270
3	Waterloo C.I.	Waterloo	269
4	University of Toronto Schools	Toronto	268
5	Fort Richmond C.I.	Winnipeg	264
6	Don Mills C.I.	North York	263
7	Marc Garneau C.I.	North York	262
8	St. George's School	Vancouver	261
9	Pierre Elliott Trudeau H.S.	Markham	260
10	Victoria Park C.I.	North York	259
10	York Mills C.I.	North York	259
12	Albert Campbell C.I.	Scarborough	258
13	Lisgar C.I.	Ottawa	257
13	Marianopolis College	Westmount	257
15	Earl Haig S.S.	North York	255
15	West Vancouver S.S.	West Vancouver	255
17	Colonel By S.S.	Gloucester	254
17	University Hill S.S.	Vancouver	254
17	Upper Can Col-Upper School	Toronto	254
20	Bond Academy/Bond Int'l College	Scarborough	253
21	New Oriental Int'l College	Scarborough	250
21	Sir John A. Macdonald S.S.	Waterloo	250
21	Southpointe Academy	Delta	250
24	Richmond Hill H.S.	Richmond Hill	249
24	Western Canada H.S.	Calgary	249
26	Dr. Norman Bethune C.I.	Scarborough	247
26	Sentinel S.S.	West Vancouver	247
26	Sir John A. Macdonald C.I.	Scarborough	247
29	Abbey Park H.S.	Oakville	246
29	Bell H.S.	Nepean	246
29	Magee S.S.	Vancouver	246
32	Mentor College	Mississauga	245
33	William Lyon Mackenzie C.I.	North York	244
33	Woburn C.I	Scarborough	244
35	Markville S.S.	Markham	243
36	Lord Byng S.S.	Vancouver	242
36	Sir Winston Churchill S.S.	Vancouver	242
36	Thornhill S.S.	Thornhill	242
39	Columbia Int'l College	Hamilton	241
39	Glenforest S.S.	Mississauga	241
41	John Fraser S.S.	Mississauga	240
41	Northern S.S.	Toronto	240
41	The Woodlands Sec. School	Mississauga	240
44	Fraser Heights S.S.	Surrey	239
44	London Central S.S.	London	239
44	Pinetree S.S.	Coquitlam	239
44	St. David C.S.S.	Waterloo	239
48	A.Y. Jackson S.S.	North York	238
48	H.B. Beal S.S.	London	238
48	Unionville H.S.	Markham	238

2013
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 - 93**		
CHOW	MICHAEL	Albert Campbell C.I.	Scarborough	11
GATEA	ALEXANDRU	Waterloo C.I.	Waterloo	12
LI	ZIQING	Dr. Norman Bethune C.I.	Scarborough	12
PANG	MICHAEL	Fort Richmond C.I.	Winnipeg	10
SPIVAK	DANIEL		Richmond Hill	12
Group II/Groupe II		**Scores/Notes 92 - 90**		
ABBASI	SINA		Toronto	10
CHANG	CHEN	Vincent Massey S.S.	Windsor	11
DU	RICHARD	Marc Garneau C.I.	North York	10
FANG	YULIANG	University of Toronto Schools	Toronto	10
GOTESMAN	RYAN	William Lyon Mackenzie C.I.	North York	12
LEE	ALEX	Waterloo C.I.	Waterloo	12
LIM	JEANNE	Burnaby North S.S.	Burnaby	9
LIM	URSULAANNE	Burnaby North S.S.	Burnaby	12
LIU	YI	York Mills C.I.	North York	12
MOLINA LOVETT	ANTONIO	Ste. Anne	Fredericton	11
SHAO	YUXUAN	Burnaby North S.S.	Burnaby	11
TSAI	EDWARD	Vincent Massey S.S.	Windsor	12
WANG	CHENYU	Vincent Massey S.S.	Windsor	11
WU	HENRY	University of Toronto Schools	Toronto	11
WU	SUIZHI	Lester Pearson College	Victoria	12
YU	XINYUAN	Mentor College	Mississauga	11
ZHANG	WEIWEIBING	Vincent Massey S.S.	Windsor	12
ZHAO	QIYI	Havergal College	North York	10
ZHU	MICHAEL	Lisgar C.I.	Ottawa	12
ZHU	YURONG	Sentinel S.S.	West Vancouver	12
Group III/Groupe III		**Scores/Notes 89 - 87**		
CAO	VICTORIA	Vincent Massey S.S.	Windsor	11
CHEN	LETIAN	Vincent Massey S.S.	Windsor	11
CHOI	YOUNG SUK	St. George's School	Vancouver	11
DONG	JIAQI	Don Mills C.I.	North York	11
FAN	ZIYING K	Moscrop S.S.	Burnaby	10
FEI	YIGE	Clarkson S.S.	Mississauga	12
FENG	TONGLE	The Woodlands Sec. School	Mississauga	10
GENG	QINYI	West Vancouver S.S.	West Vancouver	12
HE	JIARUI	Sir John A. Macdonald S.S.	Waterloo	12
HU	DANCHENG	Fort Richmond C.I.	Winnipeg	11
JIANG	KELVIN	Don Mills C.I.	North York	12
KANG	JU HEE	Kitsilano S.S. (English)	Vancouver	12
KIM	DONG HWAN	St. Andrew's College	Aurora	10
KORHANI	NAVID	St. Elizabeth C.H.S.	Thornhill	12
LAI	LEO	Sir Winston Churchill S.S.	Vancouver	12
LI	RUI	New Oriental Int'l College	Scarborough	12
LI	ZIYAN	St. George's School	Vancouver	11
LIU	MENGDI	Southpointe Academy	Delta	12
LU	YAO	Pierre Elliott Trudeau H.S.	Markham	11
MA	RUISI	Markville S.S.	Markham	12
PALMER	LIAM	Walkerville C.I.	Windsor	12

2013
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Group III/Groupe III   Scores/Notes 89 - 87

SAN MARTIN	LUISA	Colonel By S.S.	Gloucester	12
SEYED GHASEMIP	SEYED KAMY	Earl Haig S.S.	North York	12
SHEN	ZIBO	West Vancouver S.S.	West Vancouver	12
SHENG	JIA	Bond Academy/Bond Int'l Colleg	Scarborough	12
SUO	SHUN DA	Victoria Park C.I.	North York	12
TANG	JOHNNY	Markham District H.S.	Markham	11
TU	JAMES	York Mills C.I.	North York	12
WU	FEI	Upper Can Col-Upper School	Toronto	11
YANG	JING BO	John Fraser S.S.	Mississauga	12
YIN	XIAOSONG	Magee S.S.	Vancouver	12
ZHAN	REENA	University of Toronto Schools	Toronto	11
ZHANG	ZHANBIN	Stephen Leacock C.I.	Scarborough	12
ZHAO	XINGHAO	Pierre Elliott Trudeau H.S.	Markham	12
ZHOU	CHENGYI	Bond Academy/Bond Int'l Colleg	Scarborough	12
ZHOU	YEXINHAO	Marc Garneau C.I.	North York	11
ZHU	FRANK	University Hill S.S.	Vancouver	11
ZHU	TANGNING		Richmond Hill	12

Group IV/Groupe IV   Scores/Notes 86 - 84

AHMED	ANAS	Vincent Massey S.S.	Windsor	12
AHN	SUNGIL	Yale S.S.	Abbotsford	10
BELFER	ROBERT	Marianopolis College	Westmount	12
CHACHCHA	VIVEK	Victoria Park C.I.	North York	12
CHOW	RICHARD	Albert Campbell C.I.	Scarborough	9
CUI	WEI	Pierre Elliott Trudeau H.S.	Markham	12
DIAO	SHUO	Earl Haig S.S.	North York	10
DING	SU YU	Marianopolis College	Westmount	13
DUAN	JUNRAN	Sir John A. Macdonald C.I.	Scarborough	12
FAN	QINGJIN	Bishop Strachan School	Toronto	12
GE	SABRINA	University of Toronto Schools	Toronto	11
GU	BAILEY	Lisgar C.I.	Ottawa	12
GUO	JENNIFER	Marc Garneau C.I.	North York	9
HU	TING HAN	Waterloo C.I.	Waterloo	11
HUANG	CHARLIE	Vaughan Road Academy	York	12
HUANG	SIMON	Marc Garneau C.I.	North York	11
HUANG	XIAORAN	Southpointe Academy	Delta	11
HUI	DANIEL	Woburn C.I	Scarborough	12
JIANG	JIAHUI		North York	11
JIN	BILLY	Waterloo C.I.	Waterloo	11
KIM	DONG KYU	Port Moody Sr. S.S.	Port Moody	11
KIM	HENRY	University Hill S.S.	Vancouver	11
KONG	STEVEN	Marianopolis College	Westmount	12
LEE	YUJIN	Abbey Park H.S.	Oakville	11
LIN	YUHSUAN	Abbotsford Christian School	Abbotsford	12
LIU	JANE	Newtonbrook S.S.	North York	12
LU	HENRY		Richmond Hill	10
LU	LIUPEI	Pinetree S.S.	Coquitlam	11
LYNN	CUI	Queen Elizabeth H.S.	Calgary	12
PAN	ERIC	London Central S.S.	London	11
PAN	YIYING	Lillian Osborne H.S.	Edmonton	12
PARK	SOJUNG	King's Christian Collegiate	Oakville	12
RICK	CHEN	Don Mills C.I.	North York	11
RUNNAN	JIA	Royal Crown Academic School	North York	12
SAVADJIEV	GUEORGUI	Marianopolis College	Westmount	12

Group IV/Groupe IV   Scores/Notes 86 - 84

TIAN	FENG	Western Canada H.S.	Calgary	11
TSE	VIVIAN	North Toronto Christian School	North York	12
WANG	FENGYANG	Sir John A. Macdonald S.S.	Waterloo	10
WANG	SUNNY	Bell H.S.	Nepean	12
WANG	YITAO	St. George's School	Vancouver	11
WONG	RICHARD	Thornhill S.S.	Thornhill	12
WU	SAMUEL	Northern S.S.	Toronto	11
WU	YI DI LILY	Vincent Massey S.S.	Windsor	11
XIA	YUCHEN	Earl Haig S.S.	North York	12
XIANG	QIAN	Fort Richmond C.I.	Winnipeg	12
XIE	YUKUAN	Don Mills C.I.	North York	12
YANG	YUMENG	Columbia Int'l College	Hamilton	12
YE	LI	Richmond Hill H.S.	Richmond Hill	12
YU	FRANK	Victoria Park C.I.	North York	11
YU	TIANYI	Bloor C.I.	Toronto	12
ZHANG	RICHARD	Oakville Trafalgar H.S.	Oakville	12
ZHANG	RUBY	University of Toronto Schools	Toronto	10
ZHANG	RUN YU	Victoria Park C.I.	North York	12
ZHANG	SHUOLUN	L'Amoreaux C.I.	Scarborough	12
ZHAO	JINJIN	Colonel By S.S.	Gloucester	10
ZHOU	JOHN	University of Toronto Schools	Toronto	10
ZHOU	WUHAN	Vincent Massey S.S.	Windsor	12
ZLOTCHEVSKI	ANDREI	Marianopolis College	Westmount	12

Group V/Groupe V   Scores/Notes 83 - 79

AN	ANDY	University Hill S.S.	Vancouver	11
BAEK	ANDY	Colonel By S.S.	Gloucester	12
BAZZI	KASSEM	Vincent Massey S.S.	Windsor	11
BROADLEY	THOMAS	University of Toronto Schools	Toronto	12
CAO	RICHARD	Walter Murray C.I.	Saskatoon	9
CHAI	JUSTIN	Upper Can Col-Upper School	Toronto	11
CHASSIN	NICOLE	Lisgar C.I.	Ottawa	12
CHEN	BEINI	Northview Heights S.S.	North York	11
CHEN	FANNY	York Mills C.I.	North York	11
CHEN	MICHAEL	Vincent Massey S.S.	Windsor	12
CHEN	PENGYU	Rockway Mennonite C.I.	Kitchener	12
CHEN	TIANYUAN	Ross Sheppard Comp. H.S.	Edmonton	12
CHEN	WENBO	Earl Haig S.S.	North York	12
CHEN	ZI KAI	Colonel By S.S.	Gloucester	11
CHOO	SEO HYUN	Lord Byng S.S.	Vancouver	12
CHU	TIMMY	R.C. Palmer S.S.	Richmond	12
CORNELLIER	ALEX	John Abbott College	Sainte-Anne-De-Belle	13
DAVE	MAHIMNA	Marc Garneau C.I.	North York	12
DI	DIWEIZH E	A.Y. Jackson S.S.	North York	12
FANG	XIAOTONG	Fieldstone Day School	North York	12
FARRANT DIAZ	NATHAN	University of Toronto Schools	Toronto	11
FENG	ZIYI	St. Michael's Univ. School	Victoria	9
FU	DAVID	Thornhill S.S.	Thornhill	12
GAO	SHUANGFAM	Thomas Haney S.S.	Maple Ridge	12
GOKHSHTEYN	PETER	Richmond Hill H.S.	Richmond Hill	12
GU	XIANG	Brookfield H.S.	Ottawa	12
GU	YUAN YUAN	Gordon Graydon Memorial S.S.	Mississauga	12
HE	BILL	New Westminster S.S.	New Westminster	11
HUANG	ANDY	Milliken Mills H.S.	Markham	12

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Group V/Groupe V					
		Scores/Notes 83 - 79			
HUANG	DONGLIANG	Fieldstone Day School	North York	12
HUANG	KEVIN	St. David C.S.S.	Waterloo	11
HUANG	ROBERT	Semiahmoo S.S.	Surrey	12
HUANG	TODD	Burnaby Mountain S.S.	Burnaby	11
JAIN	SAHIL	Mississauga S.S.	Mississauga	12
JANMOHAMED	ALYF	Upper Can Col-Upper School	Toronto	12
JEN	GREGORY	R.A. McMath S.S.	Richmond	12
JIA	XINRUI	Vincent Massey S.S.	Windsor	11
JIN	MINGDA	Alexander Mackenzie H.S.	Richmond Hill	12
KANG	ANDREW	St. Michael's Univ. School	Victoria	11
KANG	HANSON	West Vancouver S.S.	West Vancouver	10
KEATING	TAYLOR	Crescent School	North York	12
KESELJ	STEFAN	Charles P. Allen H.S.	Bedford	11
KIM	CHELSEA	Abbey Park H.S.	Oakville	11
KIM	RYAN	Oakridge S.S.	London	12
KONG	ANGUS	Vincent Massey S.S.	Windsor	12
KUANG	CORIN	Queen Elizabeth H.S.	Calgary	12
LAM	FREDRIC	Dawson College	Montreal	12
LAM	JASON	Earl Haig S.S.	North York	12
LAN	HAO YUE	Unionville H.S.	Markham	12
LAU	WOODY	Upper Can Col-Upper School	Toronto	11
LAVI	EILON	A.B. Lucas S.S.	London	11
LI	DAVIS	Gladstone Secondary School	Vancouver	12
LI	GORDON	Lord Byng S.S.	Vancouver	12
LI	SCARLETT	Victoria Park C.I.	North York	12
LI	SHU HAO	University Transition Program	Vancouver	12
LI	VIVIAN	Earl Haig S.S.	North York	12
LI	XIANG	H.B. Beal S.S.	London	11
LI	YINUO	St. David C.S.S.	Waterloo	10
LI	YIQIAO	Lord Byng S.S.	Vancouver	12
LIANG	JEFFREY	Martingrove C.I.	Etobicoke	11
LIANG	WEIKE	Wales College	Scarborough	12
LIN	QI	Westdale S.S.	Hamilton	11
LIU	BAILIANG	Western Canada H.S.	Calgary	11
LIU	DAN	Bell H.S.	Nepean	12
LIU	RICHARD	Lisgar C.I.	Ottawa	12
LU	DISEN	Don Mills C.I.	North York	12
LU	THOMAS	Markham District H.S.	Markham	12
LUO	QINHAO	Thornhill S.S.	Thornhill	11
LUO	XIANGGE	Glenforest S.S.	Mississauga	12
MARIN	SAM	Nepean H.S.	Ottawa	12
NACHIAPPAN	MEYYAPPAN	Victoria Park C.I.	North York	12
NASSIF	MATHIEU	College Jean de Brebeuf	Montreal	13
PARK	JOOHEON	Fraser Heights S.S.	Surrey	12
PARK	SANG WOO	King's Christian Collegiate	Oakville	11
PATEL	RAHUL	Markville S.S.	Markham	12
PEC	DAVID	Vaughan S.S.	Thornhill	12
POKRASS	MICHELLE	Richmond Hill H.S.	Richmond Hill	12
QIN	SHIRLEY	George S. Henry Academy	North York	12
QIU	BRYAN	Richmond Hill H.S.	Richmond Hill	12
RAMA	TEDI	Earl Haig S.S.	North York	12
RIAZ	HASSAN	Western Canada H.S.	Calgary	12
SEMELHAGO	ANDREW	Hillfield-Strathallan Coll. H.	Hamilton	12
SHAN	BINGCHEN	Port Moody Sr. S.S.	Port Moody	12
SHEN	DANHENG	St. John's-Ravenscourt School	Winnipeg	12

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Group V/Groupe V		Scores/Notes 83 - 79		
SHEN	KATHY		Burnaby	12
SHI	CHAOHE	Burnaby Mountain S.S.	Burnaby	12
SISSON	DESMOND	Western Canada H.S.	Calgary	11
SONG	DANIEL	Thornhill S.S.	Thornhill	11
SONG	JAY	John Fraser S.S.	Mississauga	12
STIRLING	TREVOR	Kelowna S.S.	Kelowna	12
SUN	YIFEI	Agincourt C.I.	Scarborough	13
SUN	YUN LAN	North Toronto C.I.	Toronto	10
SUNDARARAMAN	SRIRAM	Glenforest S.S.	Mississauga	12
SUNG	LUKE	Rothesay Netherwood School	Rothesay	12
TAM	BRIA N	Magee S.S.	Vancouver	12
TANG	MU	Lord Byng S.S.	Vancouver	12
THOMPSON	FLASH	Longfields-Davidson Heights S.	Nepean	10
TIAN	YUAN	Belmont S.S.	Victoria	12
WANG	MASSIE	Fraser Heights S.S.	Surrey	11
WANG	MIKE	Sir John A. Macdonald C.I.	Scarborough	12
WANG	RENHAO	Marc Garneau C.I.	North York	11
WANG	RUIQI		Burnaby	11
WANG	SHINE		Richmond Hill	12
WANG	YIZE	Great Lakes Col. of Toronto	Toronto	12
WANG	ZHAOYANG	A.Y. Jackson S.S.	North York	12
WEI	BEN		North York	9
WONG	DANIEL	Francis Libermann C.H.S.	Scarborough	12
WONG	FELIX	Colonel By S.S.	Gloucester	11
WONG	JONATHAN		Richmond Hill	10
WU	XIAOZE	Marc Garneau C.I.	North York	11
XIA	ANDY	University of Toronto Schools	Toronto	12
XIAO	KEVIN	Glenforest S.S.	Mississauga	12
XIAO	SCOTT	Burnaby North S.S.	Burnaby	10
XIN	HUANG	New Oriental Int'l College	Scarborough	12
XU	CHENG	Huron Heights S.S.	Newmarket	12
XU	FREDDY		Vancouver	10
XU	LIN	Alexander Mackenzie H.S.	Richmond Hill	12
XU	ROBBIN	Lisgar C.I.	Ottawa	11
XU	STEPHEN	Bell H.S.	Nepean	11
XU	YUWEI	Vincent Massey S.S.	Windsor	11
YAN	HAO HENRY	Rockridge S.S.	West Vancouver	12
YAN	HE QING	H.B. Beal S.S.	London	11
YAN	ZEN		Mississauga	11
YANG	KEVIN	Colonel By S.S.	Gloucester	12
YANG	YOUNG	Fraser Heights S.S.	Surrey	12
YE	DENNIS	Sir John A. Macdonald C.I.	Scarborough	12
YE	HUIZI	Southpointe Academy	Delta	12
YEUNG	CYNTHIA	Holy Trinity School	Richmond Hill	12
YIN	DAVID	New Westminster S.S.	New Westminster	10
YING	LESLIE	University of Toronto Schools	Toronto	12
YOON	HYE JI		Port Moody	11
YU	ALLEN	Marc Garneau C.I.	North York	12
ZHANG	JOE	Vincent Massey S.S.	Windsor	13
ZHANG	ROGER	Campbell C.I.	Regina	12
ZHANG	TONY	Unionville H.S.	Markham	12
ZHANG	YIBO	New Oriental Int'l College	Scarborough	12
ZHANG	YIXIAO	Woburn C.I	Scarborough	10
ZHANG	YUCHI	St. Francis Xavier S.S.	Mississauga	11
ZHAO	ELIYA	Cameron Heights C.I.	Kitchener	12

Group V/Groupe V   Scores/Notes 83 - 79

ZHENG	LUYI	Burnaby North S.S.	Burnaby	12
ZHOU	DANIEL	Centennial Collegiate	Saskatoon	9
ZHOU	WILLIAM	Britannia S.S.	Vancouver	13
ZHOU	XIAOZHOU	Sentinel S.S.	West Vancouver	12
ZHOU	YUQING		Vancouver	12
ZHU	JAMESON	Windermere S.S.	Vancouver	11

Name/Nom		School/École	Location/Endroit	Grade/Niveau
Group I/Groupe I		**Scores/Notes 96 - 93**		
CAO	SICHENG	Hangzhou Foreign Language Scho	Hangzhou	11
CHENG	DEANY	Math. Trainers Guild of Philip	Zamboanga City	10
KOU	YUANHENG		Beijing	12
LIANG	XIJIN	Chengdu Foreign Lang. Sch. (SI	Chengdu Sichuan	12
XUAN	GANYUAN	Shenyang No 2 School	Shenyang	11
Group II/Groupe II		**Scores/Notes 92 - 91**		
BORA	SAFAL	ICAE	Troy	9
CHONG	SHAO WEI	NUS H.S. of Mathematics & Scie	Singapore	11
FENG	XINYI	Hangzhou Foreign Language Scho	Hangzhou	11
GUO	XUAN	Ningbo Foreign Language School	Ningbo	10
LENGUYENVUONG	LINH	Anglo-Chinese School (Independ	Singapore	12
LI	YIXUAN	Wuxi No1 H.S	Wuxi Jiangsu	12
LIM	YU CHEN	NUS H.S. of Mathematics & Scie	Singapore	10
MEDARAMETLA	DHRUV	ICAE	Troy	9
ONG	SHIN YIN	Taylor's College - Sri Hartama	Kuala Lumpur	12
RUIHENG	ZHAO	DaLian Zhongshan Stanford Lang	DaLian	11
TAN	WAY	NUS H.S. of Mathematics & Scie	Singapore	11
WANG	ZEHAN	Ningbo Foreign Language School	Ningbo	12
WU	SHENYANG	Anglo-Chinese School (Independ	Singapore	10
YANG	XIAOHE		Beijing	12
ZHENG	SICHENG	Qingdao Hongguang Foreign Lang	Qingdao	12
ZHU	YIYUE	Cambridge Int'l Ctr. of Shangh	Shanghai	12
Group III/Groupe III		**Scores/Notes 90 - 88**		
BEI	YIJIE	Anglo-Chinese School (Independ	Singapore	10
BHATTACHARYA	ANKAN	ICAE	Troy	9
BI	TIANCHEN	1st Qin Huang Dao Middle Schoo	Qin Huang Dao	12
CHEN	QIZHAO		Beijing	9
CHEN	RUI	Shanghai Guanghua College-Fuda	Shanghai	12
CHEN	SHUQI	Nanjing Foreign Language Schoo	Nanjing	11
CHEN	ZHAOMENG		Beijing	9
CHRISTIAN	KEVIN	Surya Institute	Tangerang	10
CLINKENBEARD	TREVOR	Iowa City West H.S.	Iowa City	12
FENG	GEOFFREY	SIP Dulwich College United Sch	Suzhou	11
GU	ZHENGYU		Shanghai	11
HE	YUCONG	Shenzhen M.S.	Shenzhen	11
HONG	XIANGYU		Shanghai	12
JI NG	SONGSHI	Shanghai Guanghua College-Fuda	Shanghai	12
JIN	BINBIN	Hangzhou Foreign Language Scho	Hangzhou	11
LI	KANRUI	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	12
LI	ZHONGQI	Jinan Foreign Language School	Jinan	11
LIU	RUI	Qingdao Hongguang Foreign Lang	Qingdao	11
LUCIANTO	ALBERT	Surya Institute	Tangerang	10
LUO	SHUER	Hangzhou Foreign Language Scho	Hangzhou	11
MA	MINGYUE	Qingdao #2 Middle School-Int'l	Qingdao	
MA	YUANPEI		Shanghai	12
QIU	CAIYONG	Shenzhen M.S.	Shenzhen	11
SEET	SEAN	NUS H.S. of Mathematics & Scie	Singapore	12
SRIDHAR	ADITYA	The Institute for Career Studi	Pune	12

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Group III/Groupe III   Scores/Notes 90 - 88

SY	ADRIAN	Math. Trainers Guild of Philip	Zamboanga City	10
TRUONG NHAT	MINH	Nguyen Du Secondary	Ho Chi Minh	12
TUNCBILEK	YUNUS	Istanbul Ataturk Science H.S.	Istanbul	11
WANG	WILSON	SIP Dulwich College United Sch	Suzhou	10
WU	JIAQI	Anglo-Chinese School (Independ	Singapore	9
XIAHOU	ZUOHAN	Shenzhen M.S.	Shenzhen	11
XU	PATRICIA	Canadian Trillium College-Jinh	Jinhua - Zhejiang	12
YING	YUFENG	Ningbo Foreign Language School	Ningbo	12
YUEJIA	PAN	Nanjing Foreign Language Schoo	Nanjing	10
ZHAO	ZIJIAN	NUS H.S. of Mathematics & Scie	Singapore	12

Group IV/Groupe IV   Scores/Notes 87 - 85

CHEN	ANRAN	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	11
CHEN	MINGZE	Nanjing Foreign Language S. Xi	Nanjing	11
CHEN	SHUZHAO		Shanghai	11
CHEN	SIDA	Qingdao Hongguang Foreign Lang	Qingdao	12
CHEN	WEIYI	Chengdu Foreign Lang. Sch. (SI	Chengdu Sichuan	12
DENG	SHUYUAN	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	11
DOGAN	BERK	Izmir Ozel Fatih Koleji	Konak	12
DU	SINYI	Hangzhou Foreign Language Scho	Hangzhou	11
FENG	XINGYANG	Chongqing Maple Leaf Int'l Sch	CHongqing	12
GE	FANGZHOU		Shanghai	11
GU	DING	Hangzhou Foreign Language Scho	Hangzhou	11
GUO	PEIYAO		Beijing	12
HE	HAOZHE	Cambridge Int'l Ctr. of Shangh	Shanghai	12
HONG	YIPENG		Shanghai	12
HU	SONG		Beijing	12
HUANG	HAO	Ningbo Foreign Language School	Ningbo	11
JEE	DONG JUN	NUS H.S. of Mathematics & Scie	Singapore	11
JIANG	YIWEN	Shanghai World Foreign Languag	Shanghai	11
JIN	YANDI	The Experimental H.S att. to B	Beijing	12
JIN	ZHIYANG		Shanghai	12
JING	YIDUO	Wuxi No1 H.S	Wuxi Jiangsu	12
KEE	ZENG SENG	Sunway College-Canadian Int'l	Selangor Darul Ehsan	12
LAI	TING HEI A	St Paul's Co-educational Colle	Hong Kong	12
LI	NIAN	Qingdao Hongguang Foreign Lang	Qingdao	11
LI	WENXUAN	Shenzhen M.S.	Shenzhen	12
LIM TIONG SOON	KELSEY	Math. Trainers Guild of Philip	Zamboanga City	8
LIN	JINGFENG	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	12
LIN	XIAOWEN	Chengdu Shude Senior H.S.	Chengdu	12
LIU	TIANXIAO	Anglo-Chinese School (Independ	Singapore	12
LU	JINXIN	WHBC of Wuhan Foreign Language	Jianghan District Wu	11
NARAYAN	J M SOORYA	M.E.S Indian School	Doha	12
NI	DANTING	Cambridge Int'l Ctr. of Shangh	Shanghai	12
QIAN	DAWEI	Meicun Senior High School	Wuxi	12
RONG	JIUFENG	National Institute of Technolo	Beijing	12
SHEN	CHENGZE	Beijing National Day School	Beijing	10
SHEN	WUYI	Cambridge Int'l Ctr. of Shangh	Shanghai	12
SOESANTO	CHRISTA L	Surya Institute	Tangerang	11
SONG	SHUANG	Qingdao #2 Middle School-Int'l	Qingdao	
SUN	JINGYUAN		Shanghai	12
THAVAMANI	CHITTESH	ICAE	Troy	9
TRUONG CONG	MINH DANG	NUS H.S. of Mathematics & Scie	Singapore	10
TUO	YIFAN	National Institute of Technolo	Beijing	12

Group IV/Groupe IV   Scores/Notes 87 - 85

WANG	JIAHUI	Cambridge Int'l Ctr. of Shangh	Shanghai	12
WANG	JINGHANG	Changzhou Sr. H.S. of Jiangsu	Changzhou	11
WEIJIE	WANG	Jinling H.S.	Nanjiing	12
WU	PENG	Ulink College of Suzhou Indust	Suzhou Jiansu	11
WU	SHIDI	Cambridge Int'l Ctr. of Shangh	Shanghai	12
XIONG	YUXUAN	NUS H.S. of Mathematics & Scie	Singapore	12
XU	KE	Nanjing Foreign Language S. Xi	Nanjing	11
XU	ZHIHAN	Qingdao Hongguang Foreign Lang	Qingdao	10
XUE	ZIMING	Anglo-Chinese School (Independ	Singapore	9
YANG	JIACHEN	Anglo-Chinese School (Independ	Singapore	11
YAP	KWAN HONG	Taylor's College – Subang Jaya	Subang Jaya Selangor	12
YUJING	ZHENG	Hangzhou Foreign Language Scho	Hangzhou	11
ZHANG	GEJIA	Qingdao Hongguang Foreign Lang	Qingdao	11
ZHANG	LIWEN	Tianjin Cambridge Int'l Examin	Tianjin	13
ZHANG	MENGCHUN	Jinan Foreign Language School	Jinan	10
ZHANG	YONGKANG	Qingdao #2 Middle School-Int'l	Qingdao	
ZHUANG	YIHAO	Nanjing Foreign Language S. Xi	Nanjing	11
ZHUGE	JIAMIN	Cambridge Int'l Ctr. of Shangh	Shanghai	12

Group V/Groupe V   Scores/Notes 84 - 81

BAO	XUCHAN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	11
CAO	SHUHE	Xi'an Gaoxin No.1 M.S.	Xi'an Shaanxi	11
CAOAN	YUFAN	Nanjing Foreign Language Schoo	Nanjing	11
CHEN	DING DING	Cambridge Int'l Ctr. of Shangh	Shanghai	12
CHEN	DINGYANG	Chengdu Shude Senior H.S.	Chengdu	11
CHEN	ZEHAN	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	12
CHEN	ZHOUYANG	Cambridge Int'l Ctr. of Shangh	Shanghai	12
CHENG	SHI YING	Chengdu Shude Senior H.S.	Chengdu	12
CHRISTOPHER	WIRIAWAN	Surya Institute	Tangerang	11
CHUATAK	JOHN	Math. Trainers Guild of Philip	Zamboanga City	9
CONGLING	WANG	DaLian Zhongshan Stanford Lang	DaLian	11
DAI	WILLIAM	SIP Dulwich College United Sch	Suzhou	10
DAO	MANH TRI	Anglo-Chinese School (Independ	Singapore	11
DIANZHI	YU	Hangzhou Foreign Language Scho	Hangzhou	11
DIWEI	LI	DaLian Zhongshan Stanford Lang	DaLian	11
DONG	TIAN	Cambridge Int'l Ctr. of Shangh	Shanghai	12
DONG	XINRU	Shanghai Guanghua College-Fuda	Shanghai	12
FAN	XUEQI	Qingdao Hongguang Foreign Lang	Qingdao	11
FAN	YICHUN		Beijing	12
FENG	QIYAO	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	11
FENG	XIAOWEN	Wuxi No1 H.S	Wuxi Jiangsu	12
FENG	YULAN	Hangzhou Foreign Language Scho	Hangzhou	11
GAN	CHESTER	Sunway College-Canadian Int'l	Selangor Darul Ehsan	12
GAO	GE	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	13
GAO	JIMMY	SIP Dulwich College United Sch	Suzhou	10
GUO	JACK	SIP Dulwich College United Sch	Suzhou	11
HA QUANG	TRUNG	NUS H.S. of Mathematics & Scie	Singapore	11
HASANZADE	HASAN	Baku Private Turkish High Scho	Baku	11
HE	AINING	Beijing National Day School	Beijing	10
HNG	ENG NGEE	Sunway College-Canadian Int'l	Selangor Darul Ehsan	12
HU	LIANG	Hangzhou Foreign Language Scho	Hangzhou	11
HUA	YUHAN		Shanghai	12
HUANG	JIAQI	The Pennington School	Pennington	11
HUANG ZE MING	BENJAMIN	Anglo-Chinese School (Independ	Singapore	12

Group V/Groupe V   Scores/Notes 84 - 81

JIAN G	HANG	WHBC of Wuhan Foreign Language	Jianghan District Wu	11
JOHAN ARIFIN	ROSLAN	Taylor's College - Sri Hartama	Kuala Lumpur	12
KANG	HEEJIN	UWC South East Asia East Campu	Singapore	11
KONG	LINGHAO	Changzhou Sr. H.S. of Jiangsu	Changzhou	11
LAO	MA CZARINA	Math. Trainers Guild of Philip	Zamboanga City	9
LEE	EUGENE	Esoterica Math & Science Club	Cresskill	11
LI	CHENGLEI	NUS H.S. of Mathematics & Scie	Singapore	12
LI	CHINWA	Nanhai Int'l Education Center	Foshan	11
LI	DONGYU	Anglo-Chinese School (Independ	Singapore	12
LI	HONGYE	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	12
LI	MENGPING	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	13
LI	OLIVIA	SIP Dulwich College United Sch	Suzhou	11
LI	QIN	WHBC of Wuhan Foreign Language	Jianghan District Wu	11
LI	QINGYU	Dalian No. 24 High School	Dalian	12
LI	QIUJIA	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	12
LI	XIYAN	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	12
LI	ZHIHENG	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	12
LI	ZIHAN	Cambridge Int'l Ctr. of Shangh	Shanghai	12
LIANG	XIAOMAN	Guangdong Country Garden Sch.	Foshan City	12
LIAW	CARMELITTA	Sunway College-Canadian Int'l	Selangor Darul Ehsan	12
LIEW C CHENG	SEAN	Anglo-Chinese School (Independ	Singapore	12
LIM	XIN TIAN	Taylor's College - Subang Jaya	Subang Jaya Selangor	12
LIM	YE ANG	Sekolah Menengah Jenis Kebangs	Sungai Petani	12
LIM	ZUNREN	Taylor's College - Sri Hartama	Kuala Lumpur	12
LIN	ZHENYING	Dalian No. 24 High School	Dalian	11
LIU	BIYING	Jinan Foreign Language School	Jinan	11
LIU	COREY	SIP Dulwich College United Sch	Suzhou	10
LIU	DOMINIC	Dalian Maple Leaf Int'l School	Dalian Jinshitan	12
LIU	MINGHAO	Qingdao #2 Middle School-Int'l	Qingdao	
LIU	SPENCER	ICAE	Troy	9
LIU	YUXUAN	Cambridge Int'l Ctr. of Shangh	Shanghai	12
LIU	ZIZHEN	WHBC of Wuhan Foreign Language	Jianghan District Wu	10
LOW	JARED	Anglo-Chinese School (Independ	Singapore	12
LU	YECHANG	Shanghai Guanghua College-Fuda	Shanghai	12
LYU	YIFENG		Beijing	11
MAO	RUNYANG	Ningbo Foreign Language School	Ningbo	12
MIAO	YE	Ulink College	Shanghai	11
NG	RAYNOLD	Anglo-Chinese School (Independ	Singapore	12
OBSNIUK	ZACHARY	ICAE	Troy	9
OH	HUI SEN	Taylor's College - Subang Jaya	Subang Jaya Selangor	12
OOI	SZE HWEI	Taylor's College - Subang Jaya	Subang Jaya Selangor	12
OU YANG	ZHONGLIANG	NUS H.S. of Mathematics & Scie	Singapore	11
PENG	YILIN	Nanhai Int'l Education Center	Foshan	11
PHUA	YU YU	Anglo-Chinese School (Independ	Singapore	12
QIU	FANYUAN	Qingdao #2 Middle School-Int'l	Qingdao	11
QU	SHUANG	Shenzhen M.S.	Shenzhen	11
RAMDENEE	LEKSHA	Mahatma Gandhi S. S. Solferino	Vacoas	
REGE	RAVIRAJ	ICAE	Troy	9
SHAO	ZHIPENG	Zhenhai H.S. of Zhejiang	Ningbo	11
SHE	BAOCHEN	H.S. Affiliated to Nanjing Nor	Nanjing Jiangsu	11
SHEN	GULAI	Meicun Senior High School	Wuxi	12
SHEN	ZEKUN	Beijing National Day School	Beijing	11
SHI	YILIU	Cambridge Int'l Ctr. of Shangh	Shanghai	12
SMITH	DANIEL	Int'l Sch. Manila	Taguig City	12
SUKANTO	RAYMOND	Anglo-Chinese School (Independ	Singapore	10

Group V/Groupe V   Scores/Notes 84 - 81

SUTEDJA		NATASHA	Surya Institute	Tangerang	11
TANG		AIXIN	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	12
TANG		ZHENYI	Changzhou Sr. H.S. of Jiangsu	Changzhou	11
TAO		YUJIA	Hangzhou Foreign Language Scho	Hangzhou	11
TONG		LEXING	Shanghai American School (West	Shanghai	12
WAN		ZHENGQU	Hangzhou Foreign Language Scho	Hangzhou	11
WANG		JIAKAI	Cambridge Int'l Ctr. of Shangh	Shanghai	12
WANG		RUIYU	Shanghai Guanghua College-Fuda	Shanghai	11
WANG		YIMING	Qingdao Hongguang Foreign Lang	Qingdao	12
WANG		YU	Hangzhou Foreign Language Scho	Hangzhou	11
WEI		CELINE	Nanyang Model High School	Shanghai	12
WU	WU	TIANYUAN	Cambridge Int'l Ctr. of Shangh	Shanghai	12
XIA		JIN	Cambridge Int'l Ctr. of Shangh	Shanghai	12
XIA		MINGZE	Shenzhen Concord College of Si	Nashan District Shen	12
XIADONGYI		DONGYI	Hangzhou Foreign Language Scho	Hangzhou	11
XIAO		HOUZE	Shanghai Pinghe School	Shanghai	12
XIAO		ZEPENG	Shenzhen M.S.	Shenzhen	11
XIE		JOSEPH	SIP Dulwich College United Sch	Suzhou	11
XU		JINGYANG	Zhenhai H.S. of Zhejiang	Ningbo	11
XU		QIHAO	Ulink College	Shanghai	11
XU		RUI	Ulink College of Suzhou Indust	Suzhou Jiansu	11
XU		WEN	National Institute of Technolo	Beijing	12
YAN		YIHUI	Tianjin Teda Maple Leaf Int'l	Teda	12
YANG		CHUQIAO	Jinling H.S.	Nanjiing	12
YANG		HUADONG	Shenzhen Col. of Inter. Educat	Shenzhen Guangdong	12
YANG		QIQI	Yichang No. 1 Senior H.S.	Yichang	12
YANQI	R	NI	Zhenhai H.S. of Zhejiang	Ningbo	11
YAP		EU GENE	Taylor's College - Subang Jaya	Subang Jaya Selangor	12
YE		ZHANG TING	Meicun Senior High School	Wuxi	12
YI KYE		KHONG	Sekolah Menengah Jenis Kebangs	Sungai Petani	12
YING		JIE		Shanghai	12
YINSONG		WANG	Zhangjiagang Ivy Experimental	Zhangjiagang	12
YONG XIAO BIN		ADRIAN	Sunway College-Canadian Int'l	Selangor Darul Ehsan	12
YUAN		YUNQING	Ulink College of Suzhou Indust	Suzhou Jiansu	11
ZHANG		CHENYANG	Nanjing Foreign Language Schoo	Nanjing	11
ZHANG		JIAHAO	Hangzhou Foreign Language Scho	Hangzhou	11
ZHANG		LICHENG		Shanghai	11
ZHANG		RUIZE	WHBC of Wuhan Foreign Language	Jianghan District Wu	11
ZHANG		SIYUYANG	Nanhai Int'l Education Center	Foshan	11
ZHANG		XIANGHENG	Jinan Foreign Language School	Jinan	11
ZHAO		KAIYU		Shanghai	12
ZHAO		ZIHAN		Beijing	11
ZHENG		MINGMING	Xi'an Gaoxin No.1 M.S.	Xi'an Shaanxi	11
ZHOU	O	ZIQI	Ningbo Foreign Language School	Ningbo	11
ZHUANG		KAIJIE	Beijing National Day School	Beijing	11
ZIHAN		WANG	Cambridge Int'l Ctr. of Shangh	Shanghai	12

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

SCORES / NOTES 100 - 80

Name/Nom		School/École	Location/Endroit
STANISLAV	BALCHEV		North York, ON
YUHAN	BI	Southpointe Academy	Delta, BC
JET	CAO	Burnaby North S.S.	Burnaby, BC
QIANHONG	CHEN	Columbia Int'l College	Hamilton, ON
TAORUI	CHEN	Columbia Int'l College	Hamilton, ON
TIANYI	CHEN	Western Canada H.S.	Calgary, AB
YANG	CHEN	Columbia Int'l College	Hamilton, ON
CHENG	CHENG	Bronte College Of Canada	Mississauga, ON
ZIHENG	CHU	London Int'l Academy	London, ON
MINGWEI	DING	Lisgar C.I.	Ottawa, ON
WEITIAN	DING	Columbia Int'l College	Hamilton, ON
ZHANG	ERICK	Unionville H.S.	Markham, ON
LEO	FENG	Vincent Massey S.S.	Windsor, ON
ZEYU	FENG	Nancy Campbell C.I	London, ON
XU	FRANK	Markham District H.S.	Markham, ON
HAN DI	GAO	Kitsilano S.S.	Vancouver, BC
YAN	GAO	Trafalgar Castle School	Whitby, ON
ZHEN FENG	GAO	Vanier College	Saint-Laurent, QC
SHAOYING	GU	Pearson Int'l College	Toronto, ON
ZIYI	GU	Vincent Massey S.S.	Windsor, ON
JIYEON	HA	Humberside C.I.	Toronto, ON
JIYOUN	HONG	St. John's-Ravenscourt School	Winnipeg, MB
HAOLIN	HUANG	Columbia Int'l College	Hamilton, ON
ZICHEN	HUANG	A.Y. Jackson S.S.	North York, ON
YIQING	JIN	Seaquam S.S.	Delta, BC
JUNDA	KONG	Bond Academy/Bond Int'l College	Scarborough, ON
JAE JOON	LEE	Shawnigan Lake School	Shawnigan Lake, BC
AORAN	LI	Ontario International College	Toronto, ON
SEOKHO	LIM	Halifax West H.S.	Halifax, NS
BORUI	LIN	Hon. W.C. Kennedy C.I.	Windsor, ON
JICANG	LIU	Taie Int'l Institute	Toronto, ON
TIANQI	LIU	Ontario International College	Toronto, ON
YESHENG	LIU	London Int'l Academy	London, ON
BINGCAN	MA	Metropolitan Prep. Academy	North York, ON
SIQI	MEI	Bronte College Of Canada	Mississauga, ON
JIAHUI	MIAO	Royal Elite Int'l Academy	St. Catharines, ON
DONGFANG	OUYANG	King's-Edgehill School	Windsor, NS
YONGYU	QIN	John Polanyi C.I.	North York, ON
BRUCE	QU	Langstaff S.S.	Richmond Hill, ON
FUWEI	RAO	Vincent Massey Collegiate	Winnipeg, MB
ELRICA	SUHERTAN	Columbia Int'l College	Hamilton, ON
SHIJUN	SUI	North Surrey S.S.	Surrey, BC
ALEX	SUN	University Hill S.S.	Vancouver, BC
TAO	SUN	Resurrection C.S.S.	Kitchener, ON
GERGELY	SZABO	Columbia Int'l College	Hamilton, ON
JING	TAO	Bronte College Of Canada	Mississauga, ON
IRIS	TIAN	Southpointe Academy	Delta, BC
LISE	TURNER	John Abbott College	Sainte-Anne-De-Bellevue, QC
DAN	URSU	Vincent Massey S.S.	Windsor, ON
RUIYAN	WANG	Ontario International College	Toronto, ON

Name/Nom		School/École	Location/Endroit
HAOYANG	WEI	Braemar College	Toronto, ON
JIN	WU	Albert Campbell C.I.	Scarborough, ON
JEREMY	XIE	Albert Campbell C.I.	Scarborough, ON
NUO	XU	Champlain Reg. College	Sherbrooke, QC
QIUTONG	YANG	Pickering College	Newmarket, ON
SHIRLEY	YANG	Sir John A. Macdonald C.I.	Scarborough, ON
MATT	YAO	Langstaff S.S.	Richmond Hill, ON
TIANYANG	YING	Laurel Academy of Canada	Cambridge, ON
XIA	YUANPING		Kitchener, ON
HUANG	YUANZHOU	Ontario International College	Toronto, ON
KAILIN	ZENG	Georges Vanier S.S.	North York, ON
XIAOWEN	ZHANG	Bronte College Of Canada	Mississauga, ON
YAN	ZHANG	A.B. Lucas S.S.	London, ON
YIWEN	ZHANG	Crofton House School	Vancouver, BC
YUANDI	ZHANG	Fredericton H.S.	Fredericton, NB
SIYAO	ZHAO	Columbia Int'l College	Hamilton, ON
YIHAN	ZHU	Royal Crown Academic School	North York, ON
YIQING	ZHU	A.Y. Jackson S.S.	North York, ON