



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

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

2014

Results

2014

Résultats

Euclid Contest

Concours Euclide

UNIVERSITY OF
WATERLOO

WATERLOO
MATHEMATICS

Deloitte.

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

| | |
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| Terry Bae | Carrie Knoll |
| Steve Brown | Judith Koeller |
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| Judy Fox | Troy Vasiga |
| Steve Furino | JoAnn Vincent |
| John Galbraith | Tim Zhou |
| Sandy Graham | |

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 (Acting Chair), 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, Princeton University, Princeton, NJ
Ross Willard, University of Waterloo, Waterloo, ON

Overall Comments

Congratulations to all of the participants in the 2014 Euclid Contest. The average score in 2014 was 48.1. 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 33 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: 9.3

This question was well done. A few students did not remember that $\sqrt{16}$, for example, has only one value.

2. Average: 9.0

Part (a) was well done. A common error was not to include the diameter in the perimeter of the region. Parts (b) and (c) were very well done.

3. Average: 8.0

Part (a) was quite well done. Part (b) was fairly well done. Many students began correctly using an algebraic solution, however did not factor or show the factors of the resulting cubic equation to determine the roots.

4. Average: 5.9

Part (a) was fairly well done. A number of students gave an answer that suggested that they had missed one or two of the positive divisors. Some students did not answer the question that was asked. In part (b), many students equated two incorrect lengths ($AB = BC$ or $AC = BC$). Using either the correct equality or one of the incorrect ones, students had little difficulty solving the equations that resulted.

5. Average: 4.5

This problem was generally well done. In part (a), most students were able to determine the total amount of acid in the three bottles and the amount of acid in the first mixture. Some had difficulty determining what to do with this information. A fair number of students achieved 6 or 7 marks (out of 7) on part (b), with the majority completing the square in some fashion. Many students did not sufficiently justify why their result was the minimum.

6. Average: 3.6

In part (a), a number of students did not know where to begin. Some worked with an equation like $\frac{x}{40} \cdot \frac{x}{40} = \frac{5}{12}$ or $\frac{x}{40} + \frac{x-1}{39} = \frac{5}{12}$. In part (b), a majority of the students obtained a correct answer by pairing terms, but did not discuss the possibility of n being even or odd; more reasoning was necessary when using this approach. A good number of the students who developed two equations in terms of two unknowns were able to proceed with a correct algebraic solution.

7. Average: 3.7

Many students identified the correct answer to part (a) by inspection. An algebraic approach, without substitution, was often abandoned. A majority of students identified one of the two solutions in part (b) through inspection (with or without an initial substitution). A common mistake made with a correct algebraic approach was not including both the values $\log_{10}(\log_{10} x) = 2$ and $\log_{10}(\log_{10} x) = -2$. A fair number of students incorrectly applied the power law of logarithms on the first step, to obtain $\log_{10}(\log_{10} x) \log_{10} x = 10000$.

8. Average: 3.4

There were many interesting approaches to part (a), including solutions involving finding similar triangles, placing a coordinate system with the x -axis parallel to BC , extending line segments AD and BC until they meet, etc. Part (b) was generally more difficult than part (a). Many students saw at least one pair of congruent triangles, and most of those students saw another pair of congruent triangles. The part that was crucially missing in quite a few student solutions was looking at the $\angle MCN$ by breaking it up into smaller angles.

9. Average: 0.4

Of the small number students who attempted part (a), a few realized that $\sin(45^\circ)$ was a crucial number, and that separating the related term allowed the pairing of terms to move closer to the solution. Generally, this problem was very tricky for students, since it involved thinking of the sequence using both trigonometric identities (like $\sin(\theta) = \cos(90^\circ - \theta)$) and also some algebraic manipulation (like the factorization of $x^3 + y^3$). Part (b) was extremely demanding. Many students misinterpreted the problem and ignored the constraint that the sum of the digits was 5, or that the integers had n digits. This question had very few attempted solutions.

10. Average: 0.3

Part (a) had the most success of any part in problems 9 and 10, since many students could reverse the process by applying moves of various types in “reverse”. Parts (b) and (c) both required very intricate solutions, since there are many components that require a large degree of care.

Please visit our website at www.cemc.uwaterloo.ca to download the 2014 Euclid Contest, plus full solutions.

Commentaires Généraux

Félicitations à tous les participants du Concours Euclide 2014. La note moyenne était 48,1. 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 trente-trois 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'incluent aucune explication avec leurs réponses.

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

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

Remarques particulières

1. Moyenne: 9,3

Cette question a été bien réussie. Quelques élèves ne se souvenaient pas que $\sqrt{16}$, par exemple, n'admet qu'une valeur.

2. Moyenne: 9,0

La partie (a) a été bien réussie. Assez souvent, les élèves ont omis le diamètre dans le calcul du périmètre du demi-disque. Les parties (b) et (c) ont été très bien réussies.

3. Moyenne: 8,0

La partie (a) a été bien réussie. La partie (b) a été assez bien réussie. Bon nombre d'élèves ont procédé correctement pour simplifier l'équation, mais n'ont pas factorisé le polynôme du troisième degré pour déterminer les racines de l'équation qui en résultait.

4. Moyenne: 5,9

La partie (a) a été assez bien réussie. Certaines réponses indiquaient que les élèves avaient omis un ou deux des diviseurs positifs. Certains élèves ont répondu à côté du sujet. Dans la partie (b), bon nombre d'élèves ont mal choisi les longueurs égales (en choisissant $AB = BC$ ou $AC = BC$). Dans tous les cas, les élèves n'ont éprouvé aucune difficulté à résoudre l'équation qui en résultait.

5. Moyenne: 4,5

Cette question a été assez bien réussie. Dans la partie (a), la plupart des élèves ont réussi à déterminer la quantité d'acide dans chacune des trois bouteilles ainsi que la quantité d'acide dans le mélange initial. Certains ne savaient pas comment utiliser ces résultats. Bon nombre d'élèves ont obtenu 6 ou 7 points (sur 7) dans la partie (b). La majorité d'entre eux ont complété le carré d'une façon ou d'une autre. Bon nombre d'entre eux n'ont pas suffisamment justifié pourquoi la valeur était la plus petite valeur possible.

6. Moyenne: 3,6

Dans la partie (a), certains élèves ne savaient pas comment commencer. Certains ont utilisé une équation telle que $\frac{x}{40} \cdot \frac{x}{40} = \frac{5}{12}$ ou $\frac{x}{40} + \frac{x-1}{39} = \frac{5}{12}$. Dans la partie (b), la majorité des élèves ont obtenu la bonne réponse en appariant des termes deux à deux, sans considérer si n était pair ou impair. Cette approche

exigeait un raisonnement plus poussé. Bon nombre d'élèves ont développé un système de deux équations à deux inconnues et ont réussi à obtenir la réponse en procédant correctement.

7. Moyenne: 3,7

Bon nombre d'élèves ont trouvé la réponse de la partie (a) par inspection. D'autres ont tenté de résoudre l'équation de façon algébrique sans substitution, tout en abandonnant en chemin. La majorité des élèves ont obtenu une des deux racines dans la partie (b) par inspection (avec ou sans substitution au départ). Assez souvent, les élèves qui ont bien utilisé une approche algébrique n'ont pas utilisé les deux valeurs $\log_{10}(\log_{10} x) = 2$ and $\log_{10}(\log_{10} x) = -2$. Bon nombre d'élèves ont utilisé de façon incorrecte la loi des puissances pour les logarithmes, au départ, obtenant ainsi $\log_{10}(\log_{10} x) \log_{10} x = 10000$.

8. Moyenne: 3,4

Dans la partie (a), les élèves ont utilisé une variété intéressante d'approches, comme l'utilisation de triangles semblables, l'utilisation d'un repère cartésien avec l'axe des abscisses parallèle à BC , le prolongement des segments AD et BC jusqu'à ce qu'ils se coupent, etc. La partie (b) était plus difficile que la partie (a). La plupart des élèves ont repéré deux triangles isométriques et la plupart d'entre eux en ont trouvé deux autres. Bon nombre d'élèves n'ont pas considéré l'angle MCN en le coupant en deux parties, ce qui était essentiel.

9. Moyenne: 0,4

Très peu d'élèves ont tenté de résoudre la partie (a). Parmi eux, quelques-uns ont constaté l'importance du terme $\sin^6(45^\circ)$ qui permettait d'apparier les autres termes deux à deux pour continuer la solution. Ce problème était exigeant, car il fallait traiter le membre de gauche en considérant son aspect trigonométrique (p. ex., $\sin(\theta) = \cos(90^\circ - \theta)$) ainsi que son aspect algébrique (comme la factorisation de $x^3 + y^3$). La partie (b) était aussi très exigeante. Bon nombre d'élèves ont omis la contrainte voulant que les entiers aient des chiffres qui ont une somme de 5 ou celle voulant que les entiers aient n chiffres. Très peu d'élèves ont présenté une tentative de solution.

10. Moyenne: 0,3

Les élèves ont connu un plus grand succès dans la partie (a) que dans toute autre partie des numéros 9 et 10, car ils ont réussi à procéder correctement en travaillant à rebours. Les parties (b) et (c) exigeaient des solutions complexes, car elles avaient plusieurs composantes où il fallait procéder avec soin.

Veuillez visiter notre site Web à www.cemc.uwaterloo.ca pour télécharger le Concours Euclide 2014, avec solutions complètes.

STUDENTS / ÉLÈVES

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

| | | | |
|----------------|-----------------------|----------------------|-----------------|
| Plaques | Michael Chow | Albert Campbell C.I. | Scarborough, ON |
| | Antonio Molina Lovett | École Ste. Anne | Fredericton, NB |
| | Michael Pang | Fort Richmond C.I. | Winnipeg, MB |
| | Qi Qi | Burnaby North S.S. | Burnaby, BC |
| | Ilia Sucholutsky | Thornhill S.S. | Thornhill, ON |

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

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

| | | | |
|---------------------|-----------------|-----------------------------|-------------------|
| Book Prizes/ | Sina Abbasi | Richmond Hill H.S. | Richmond Hill, ON |
| | Letian Chan | Vincent Massey S.S. | Windsor, ON |
| | Leo Feng | Vincent Massey S.S. | Windsor, ON |
| | Simon Huang | Marc Garneau C.I. | North York, ON |
| | Zhengxu Jin | Waterloo C.I. | Waterloo, ON |
| | Dima Paramonov | Marc Garneau C.I. | North York, ON |
| | Frieda Rong | Marc Garneau C.I. | North York, ON |
| | Xiaoze Jerry Wu | Marc Garneau C.I. | North York, ON |
| | Heng Xia | Sir Winston Churchill S.S. | Vancouver, BC |
| | Jingxu Zhang | Pierre Elliott Trudeau H.S. | Markham, ON |
| | Yexinhao Zhou | Marc Garneau C.I. | North York, ON |

TEAMS / ÉQUIPES

| | | |
|--------------------|----------------------|-----------------|
| Champion/Première: | Vincent Massey S.S. | Windsor, ON |
| Second/Deuxième: | Burnaby North S.S. | Burnaby, BC |
| | Marc Garneau C.I. | North York, ON |
| Fourth/Quatrième: | Albert Campbell C.I. | Scarborough, ON |
| | Thornhill S.S. | Thornhill, ON |

Enrollment**Inscription**

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

| | Enrollment/ Inscription |
|---------------|----------------------------|
| AB | 534 |
| BC | 2232 |
| MB | 309 |
| NB | 145 |
| NL | 112 |
| NS | 164 |
| NT | 10 |
| ON | 9342 |
| PE | 20 |
| QC | 258 |
| SK | 118 |
| YT | 4 |
| International | 4913 |
| Total | 18161 |

There were 1490 schools enrolled. / 1490 écoles étaient inscrites.

Student Rankings

Classements des élèves

| Score/ Note | Rank/ Position | Score/ Note | Rank/ Position | Score/ Note | Rank/ Position | Score/ Note | Rank/ Position |
|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|
| 100 | 1 | 74 | 1005 | 49 | 6211 | 24 | 12794 |
| 99 | | 73 | 1142 | 48 | 6520 | 23 | 12925 |
| 98 | 2 | 72 | 1285 | 47 | 6834 | 22 | 13035 |
| 97 | 3 | 71 | 1417 | 46 | 7120 | 21 | 13146 |
| 96 | 4 | 70 | 1585 | 45 | 7457 | 20 | 13251 |
| 95 | 6 | 69 | 1750 | 44 | 7749 | 19 | 13327 |
| 94 | 9 | 68 | 1910 | 43 | 8042 | 18 | 13400 |
| 93 | 13 | 67 | 2087 | 42 | 8339 | 17 | 13471 |
| 92 | 20 | 66 | 2271 | 41 | 8624 | 16 | 13519 |
| 91 | 22 | 65 | 2444 | 40 | 8949 | 15 | 13581 |
| 90 | 27 | 64 | 2631 | 39 | 9233 | 14 | 13634 |
| 89 | 34 | 63 | 2830 | 38 | 9519 | 13 | 13672 |
| 88 | 39 | 62 | 3007 | 37 | 9808 | 12 | 13705 |
| 87 | 50 | 61 | 3244 | 36 | 10113 | 11 | 13730 |
| 86 | 72 | 60 | 3450 | 35 | 10398 | 10 | 13760 |
| 85 | 100 | 59 | 3663 | 34 | 10673 | 9 | 13780 |
| 84 | 143 | 58 | 3914 | 33 | 10931 | 8 | 13793 |
| 83 | 192 | 57 | 4136 | 32 | 11192 | 7 | 13807 |
| 82 | 240 | 56 | 4366 | 31 | 11437 | 6 | 13820 |
| 81 | 285 | 55 | 4618 | 30 | 11675 | 5 | 13829 |
| 80 | 347 | 54 | 4855 | 29 | 11890 | 4 | 13834 |
| 79 | 422 | 53 | 5123 | 28 | 12073 | 3 | 13838 |
| 78 | 540 | 52 | 5402 | 27 | 12251 | 2 | 13843 |
| 77 | 640 | 51 | 5691 | 26 | 12468 | 1 | 13848 |
| 76 | 760 | 50 | 5963 | 25 | 12646 | 0 | 13851 |
| 75 | 880 | | | | | | |

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'applique qu'aux concurrents officiels.

Number of competitors: 13852

Average Mark: 48.1

| Score/ Note | Percentage of Students/ Pourcentage des étudiants | Cumulative Percentage/ Pourcentage accumulé |
|----------------|--|--|
| 81-100 | 2.5 | 2.5 |
| 76-80 | 3.8 | 6.3 |
| 71-75 | 5.1 | 11.4 |
| 66-70 | 6.2 | 17.6 |
| 61-65 | 7.3 | 24.9 |
| 56-60 | 8.4 | 33.3 |
| 51-55 | 9.7 | 43.0 |
| 46-50 | 10.8 | 53.8 |
| 41-45 | 10.8 | 64.6 |
| 36-40 | 10.5 | 75.1 |
| 31-35 | 9.2 | 84.3 |
| 26-30 | 7.0 | 91.3 |
| 21-25 | 4.4 | 95.7 |
| 0-20 | 4.3 | 100.0 |

2014
Euclid Contest/Concours Euclide
Team Honour Roll/Palmarès d'équipes

| Rank/Rang | School/École | City/Ville | Score/Note |
|-----------|----------------------------------|-----------------|------------|
| 1 | Vincent Massey S.S. | Windsor | 274 |
| 2 | Burnaby North S.S. | Burnaby | 273 |
| 2 | Marc Garneau C.I. | North York | 273 |
| 4 | Albert Campbell C.I. | Scarborough | 264 |
| 4 | Thornhill S.S. | Thornhill | 264 |
| 6 | Richmond Hill H.S. | Richmond Hill | 261 |
| 7 | New Westminster S.S. | New Westminster | 259 |
| 7 | University of Toronto Schools | Toronto | 259 |
| 9 | Pierre Elliott Trudeau H.S. | Markham | 256 |
| 10 | Earl Haig S.S. | North York | 255 |
| 11 | Sir Winston Churchill S.S. | Vancouver | 254 |
| 12 | University Hill S.S. | Vancouver | 253 |
| 12 | Western Canada H.S. | Calgary | 253 |
| 14 | Fort Richmond C.I. | Winnipeg | 252 |
| 14 | Pope John Paul II S.S. | Scarborough | 252 |
| 14 | Waterloo C.I. | Waterloo | 252 |
| 17 | Bayview S.S. | Richmond Hill | 251 |
| 18 | A.B. Lucas S.S. | London | 249 |
| 18 | Don Mills C.I. | North York | 249 |
| 20 | Abbey Park H.S. | Oakville | 247 |
| 21 | Columbia Int'l College | Hamilton | 246 |
| 22 | Branksome Hall | Toronto | 245 |
| 22 | Markville S.S. | Markham | 245 |
| 22 | York Mills C.I. | North York | 245 |
| 25 | Marianopolis College | Westmount | 241 |
| 25 | Markham District H.S. | Markham | 241 |
| 25 | Mentor College | Mississauga | 241 |
| 28 | A.Y. Jackson S.S. | North York | 239 |
| 28 | Fredericton H.S. | Fredericton | 239 |
| 28 | St. George's School | Vancouver | 239 |
| 31 | Lisgar C.I. | Ottawa | 238 |
| 31 | Semiahmoo S.S. | Surrey | 238 |
| 31 | Sir Winston Churchill H.S. | Calgary | 238 |
| 31 | The Woodlands Sec. School | Mississauga | 238 |
| 35 | Woburn C.I | Scarborough | 237 |
| 36 | Glenforest S.S. | Mississauga | 236 |
| 36 | Pinetree S.S. | Coquitlam | 236 |
| 38 | Bell H.S. | Nepean | 235 |
| 38 | Dr. Norman Bethune C.I. | Scarborough | 235 |
| 40 | Fieldstone King's College School | Toronto | 234 |
| 41 | Georges Vanier S.S. | North York | 233 |
| 41 | Unionville H.S. | Markham | 233 |
| 41 | Victoria Park C.I. | North York | 233 |
| 44 | Centennial C. and V.I. | Guelph | 232 |
| 44 | Halifax West H.S. | Halifax | 232 |
| 44 | White Oaks S.S. | Oakville | 232 |
| 47 | Northern S.S. | Toronto | 231 |
| 47 | Upper Can Col-Upper School | Toronto | 231 |
| 49 | Earl of March S.S. | Kanata | 230 |
| 49 | J.N. Burnett S.S. | Richmond | 230 |
| 49 | New Oriental Int'l College | Scarborough | 230 |
| 49 | University Transition Program | Vancouver | 230 |

2014
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 - 94 | | |
| CHOW | MICHAEL | Albert Campbell C.I. | Scarborough |
| MOLINA LOVETT | ANTONIO | Ste. Anne | Fredericton |
| PANG | MICHAEL | Fort Richmond C.I. | Winnipeg |
| QI | QI | Burnaby North S.S. | Burnaby |
| SUCHOLUTSKY | ILIA | Thornhill S.S. | Thornhill |
| | | | 11 |
| Group II/Groupe II | Scores/Notes 93 - 88 | | |
| ABBASI | SINA | Richmond Hill H.S. | Richmond Hill |
| CHANG | CHEN | Vincent Massey S.S. | Windsor |
| CHEN | LETIAN | Vincent Massey S.S. | Windsor |
| DU | RONGXIN | Marc Garneau C.I. | North York |
| FENG | LEO | Vincent Massey S.S. | Windsor |
| HUANG | SIMON | Marc Garneau C.I. | North York |
| JIN | ZHENGXU | Waterloo C.I. | Waterloo |
| LUO | QINHAO | Thornhill S.S. | Thornhill |
| PARAMONOV | DIMA | Marc Garneau C.I. | North York |
| RONG | FRIEDA | Marc Garneau C.I. | North York |
| WU | XIAOZE JERRY | Marc Garneau C.I. | North York |
| XIA | HENG | Sir Winston Churchill S.S. | Vancouver |
| ZHANG | JINGXU | Pierre Elliott Trudeau H.S. | Markham |
| ZHENG | DA WEI | New Westminster S.S. | New Westminster |
| ZHOU | JOHN | University of Toronto Schools | Toronto |
| ZHOU | YEXINHAO | Marc Garneau C.I. | North York |
| ZHU | JUN JIE | Windermere S.S. | Vancouver |
| | | | 12 |
| Group III/Groupe III | Scores/Notes 87 - 85 | | |
| AHN | SUNGIL | Yale S.S. | Abbotsford |
| BELFER | ROBERT | Marianopolis College | Westmount |
| CAI | JIAWEI | Fredericton H.S. | Fredericton |
| CAO | VICLY | New Westminster S.S. | New Westminster |
| CHEN | ZHI XUE | Markville S.S. | Markham |
| DIAO | SHUO | Earl Haig S.S. | North York |
| DONG | JIAQI | Don Mills C.I. | North York |
| FAN | SENBO | A.N. Myer S.S. | Niagara Falls |
| FANG | YU LIANG | University of Toronto Schools | Toronto |
| FARRAN DIAZ | NATHAN | University of Toronto Schools | Toronto |
| GUO | JENNIFER | Marc Garneau C.I. | North York |
| LI | QIYANG | | Richmond Hill |
| LIM | JEANNE | Burnaby North S.S. | Burnaby |
| LIN | HANZHEN | Markham District H.S. | Markham |
| LUO | QIUYUE | Westdale S.S. | Hamilton |
| PURCARUS | ANDREI | Vanier College | Saint-Laurent |
| RAO | FUWEI | Vincent Massey Collegiate | Winnipeg |
| SHAO | YU XUAN | Burnaby North S.S. | Burnaby |
| SHEN | SI CHEN | Centennial C. and V.I. | Guelph |
| SISSON | DESMOND | Western Canada H.S. | Calgary |
| SONG | LINLIANG | Pope John Paul II S.S. | Scarborough |
| WANG | RUIQI | Point Grey S.S. | Vancouver |
| WANG | STELLAR | Steveston London S.S. | Richmond |
| WANG | YING | York Mills C.I. | North York |
| | | | 10 |

2014
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Group III/Groupe III

Scores/Notes 87 - 85

| | | | | |
|-------|----------|-------------------------------|---------------|----|
| WONG | JONATHAN | Bayview S.S. | Richmond Hill | 11 |
| WU | FEI | Upper Can Col-Upper School | Toronto | 12 |
| YANG | MICHAEL | Dr. Norman Bethune C.I. | Scarborough | 12 |
| ZHANG | AORAN | Pope John Paul II S.S. | Scarborough | 12 |
| ZHANG | KAISHAN | Ontario International College | Toronto | 12 |
| ZHANG | KE COCO | Branksome Hall | Toronto | 11 |
| ZHANG | LILY | Earl Haig S.S. | North York | 12 |
| ZHANG | YAN | A.B. Lucas S.S. | London | 12 |
| ZHAO | MENGXUE | Richmond Hill H.S. | Richmond Hill | 11 |
| ZHOU | DANIEL | Centennial Collegiate | Saskatoon | 9 |
| ZHU | FRANK | University Hill S.S. | Vancouver | 12 |
| ZOU | CHENGTAO | Bell H.S. | Nepean | 12 |

Group IV/Groupe IV

Scores/Notes 84 - 82

| | | | | |
|---------------|------------|-------------------------------|---------------|----|
| BI | YUHAN | Southpointe Academy | Delta | 12 |
| BO | YURAN | Western Canada H.S. | Calgary | 11 |
| CAO | JET | Burnaby North S.S. | Burnaby | 11 |
| CAO | VICTORIA | Vincent Massey S.S. | Windsor | 12 |
| CHEN | TIANYI | Western Canada H.S. | Calgary | 12 |
| CHEN | YUHENG | York Mills C.I. | North York | 12 |
| CHEN | ZI KAI | Colonel By S.S. | Gloucester | 12 |
| CHOW | RICHARD | Albert Campbell C.I. | Scarborough | 10 |
| CHOW | STEVEN | Albert Campbell C.I. | Scarborough | 9 |
| DAI | BIWEI | Bayview S.S. | Richmond Hill | 12 |
| DING | CHEN YUE | | North York | 12 |
| ELAMURUGAIYAN | AARURAN | Albert Campbell C.I. | Scarborough | 12 |
| ENHAO | FENG | University Hill S.S. | Vancouver | 10 |
| FAN | LUN DING | Markville S.S. | Markham | 12 |
| GE | SABRINA | University of Toronto Schools | Toronto | 12 |
| GUO | BENSON | William Lyon Mackenzie C.I. | North York | 11 |
| HAN | FRANK | Earl Haig S.S. | North York | 12 |
| HU | DANCHENG | Fort Richmond C.I. | Winnipeg | 12 |
| HU | KATHERINE | Unionville H.S. | Markham | 12 |
| HU | TING HAN | Waterloo C.I. | Waterloo | 12 |
| HUANG | XIAORAN | Southpointe Academy | Delta | 12 |
| HUO | SITONG | Bayview S.S. | Richmond Hill | 12 |
| JIANG | JIAHUI | | North York | 12 |
| JIN | YIN | Pope John Paul II S.S. | Scarborough | 12 |
| KIM | DONGHWAN | St. Andrew's College | Aurora | 11 |
| LAVI | EILON | A.B. Lucas S.S. | London | 12 |
| LEE | YUJIN | Abbey Park H.S. | Oakville | 12 |
| LI | ANDREW | Vincent Massey S.S. | Windsor | 11 |
| LI | CHUQIAO | Lisgar C.I. | Ottawa | 12 |
| LI | ZIYANN | St. George's School | Vancouver | 12 |
| LIM | SEOKHO | Halifax West H.S. | Halifax | 11 |
| LIN | YIHUAO | Albert Campbell C.I. | Scarborough | 12 |
| LIPPAI | CHRISTIAN | Stratford Central S.S. | Stratford | 11 |
| LIU | SIHAO | Don Mills C.I. | North York | 12 |
| LOO | NOEL | Western Canada H.S. | Calgary | 10 |
| MA | ZIYE | Pierre Elliott Trudeau H.S. | Markham | 12 |
| MUTHUKUDA | PASINDU | Burnaby Central S.S. | Burnaby | 12 |
| OUYANG | SHUYAN | Stephen Lewis S.S. | Mississauga | 12 |
| PARK | JEONGSEUNG | University Hill S.S. | Vancouver | 12 |
| SAFADI | YUSUF | Abbey Park H.S. | Oakville | 11 |

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Group IV/Groupe IV

Scores/Notes 84 - 82

| | | | | |
|-------|------------|-------------------------------|-----------------|----|
| SONG | PHILLIP | Highland S.S. | Dundas | 11 |
| SUN | HAIJING | Appleby College | Oakville | 11 |
| SUN | JIALE | Victoria Park C.I. | North York | 12 |
| TANG | HAOJI | Sequam S.S. | Delta | 12 |
| TIAN | YIRAN | Columbia Int'l College | Hamilton | 12 |
| WANG | DAVID | Marc Garneau C.I. | North York | 12 |
| WU | YI DI LILY | Vincent Massey S.S. | Windsor | 12 |
| XU | FREDDY | Sir Winston Churchill S.S. | Vancouver | 11 |
| XU | NATHANIEL | Earl Haig S.S. | North York | 12 |
| YIN | DAVID | New Westminster S.S. | New Westminster | 11 |
| ZHAI | SABRINA | University Transition Program | Vancouver | 9 |
| ZHANG | WALEY | New Westminster S.S. | New Westminster | 10 |
| ZHANG | YI XIAO | Woburn C.I | Scarborough | 11 |
| ZHAO | JIADUN | Columbia Int'l College | Hamilton | 12 |
| ZOU | ZHILING | Richmond Hill H.S. | Richmond Hill | 11 |

Group V/Groupe V

Scores/Notes 81 - 79

| | | | | |
|---------|--------------|--------------------------------|---------------|----|
| ARORA | RAHUL | Sir Winston Churchill H.S. | Calgary | 11 |
| CAI | ZEBOBENJAMIN | Semiahmoo S.S. | Surrey | 12 |
| CAO | JUNZEE | Mentor College | Mississauga | 11 |
| CHEN | DAISY | Michael Power-St Joseph | Etobicoke | 12 |
| CHEN | HAN | Earl Haig S.S. | North York | 12 |
| CHEN | YUMENG | Fieldstone King's College Scho | Toronto | 12 |
| CHOPRA | PARTH | Bayview S.S. | Richmond Hill | 9 |
| CUI | ALEXANDER | University of Toronto Schools | Toronto | 10 |
| CUI | BOB | Fraser Heights S.S. | Surrey | 10 |
| DAI | YU NING | Sir Winston Churchill H.S. | Calgary | 12 |
| DENG | TING | Richmond Hill H.S. | Richmond Hill | 12 |
| DOAD | JAGROOP | Vincent Massey S.S. | Windsor | 11 |
| FENG | JERRY | Sandwich S.S. | Windsor | 12 |
| FENG | ZEYU | Nancy Campbell C.I | Stratford | 12 |
| FRANCIS | DAVID | University of Toronto Schools | Toronto | 11 |
| GAO | INGYUAN | Clarkson S.S. | Mississauga | 12 |
| HAN | CHONG HAO | A.B. Lucas S.S. | London | 10 |
| HUANG | XINYI | Medway H.S. | Arva | 12 |
| HUANG | YIZHOU | | Richmond Hill | 10 |
| JIA | BILL | University of Toronto Schools | Toronto | 11 |
| JIA | FLORENCE | Earl Haig S.S. | North York | 12 |
| JIA | RUORUI | | London | 12 |
| JIANG | ZIWEI | Edward Schreyer School | Beausejour | 11 |
| JIN | QIA NSHI | Earl Haig S.S. | North York | 12 |
| JING | LUCY | Bayview S.S. | Richmond Hill | 10 |
| KESELJ | STEFAN | Charles P. Allen H.S. | Bedford | 12 |
| KIM | CHELSEA | Abbey Park H.S. | Oakville | 12 |
| KIM | EUN KEE | Mentor College | Mississauga | 12 |
| KORHANI | NAVID | St. Elizabeth C.H.S. | Thornhill | 13 |
| LEE | JAMES | Semiahmoo S.S. | Surrey | 10 |
| LI | SIYUN | North Toronto C.I. | Toronto | 11 |
| LI | ZHUZHEN | Claremont S.S. | Victoria | 11 |
| LIU | BETTY | Bayview S.S. | Richmond Hill | 11 |
| LIU | CHELSEA | Ont. Science Centre Science Sc | North York | 12 |
| LIU | JIAYUN | Colonel Gray Sr. H.S | Charlottetown | 12 |
| LIU | YULI | J.N. Burnett S.S. | Richmond | 12 |
| LIU | YUXUA N | Columbia Int'l College | Hamilton | 11 |

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Group V/Groupe V

Scores/Notes 81 - 79

| | | | | |
|----------|----------|--------------------------------|-----------------|----|
| LOU | YUE | Rockridge S.S. | West Vancouver | 11 |
| LU | HENRY | Bayview S.S. | Richmond Hill | 11 |
| LU | LIUPEI | Pinetree S.S. | Coquitlam | 12 |
| LUO | GABRIEL | Sir Winston Churchill S.S. | Vancouver | 10 |
| MO | YIFAN | Town Ctr. Montessori Priv. Sch | Markham | 12 |
| NI | CHRIS | A.Y. Jackson S.S. | North York | 12 |
| PAN | ERIC | London Central S.S. | London | 12 |
| PATCHELL | GREGORY | Sir John A. Macdonald School | Upper Tantallon | 11 |
| PURCELL | SEAN | Marc Garneau C.I. | North York | 11 |
| QIN | LIFEI | Glenforest S.S. | Mississauga | 12 |
| QIN | SHIRLEY | George S. Henry Academy | North York | 12 |
| QIU | EVA | Argyle S.S. | North Vancouver | 12 |
| REN | SHAUN | The Woodlands Sec. School | Mississauga | 12 |
| SHEN | CRYSTAL | Academie Ste. Cecile Int'l | Windsor | 12 |
| SHENG | ZHIHAO | Elgin Park S.S. | Surrey | 11 |
| SHI | CHUYUAN | Trinity College School | Port Hope | 11 |
| SHI | DYLAN | Eric Hamber S.S. | Vancouver | 11 |
| SHIH | ANDY | Richmond S.S. | Richmond | 12 |
| SMIRNOV | GEORGE | Ashbury College | Rockcliffe | 12 |
| SONG | ZE | Earl of March S.S. | Kanata | 12 |
| SUN | KAI | | London | 9 |
| TAN | WIL | Earl Haig S.S. | North York | 10 |
| TAUBKIN | TOM | Thornhill S.S. | Thornhill | 11 |
| WANG | BONING | Braemar College | Toronto | 12 |
| WANG | FENGYANG | Sir John A. Macdonald S.S. | Waterloo | 11 |
| WANG | JUSTIN | Bayview S.S. | Richmond Hill | 11 |
| WANG | LINCHUAN | Lockview H.S. | Fall River | 10 |
| WANG | SHURAN | A.Y. Jackson S.S. | North York | 11 |
| WANG | XINYU | Don Mills C.I. | North York | 11 |
| WANG | YI TAO | St. George's School | Vancouver | 12 |
| WANG | YIFEI | Town Ctr. Montessori Priv. Sch | Markham | 12 |
| WANG | YINING | New Oriental Int'l College | Scarborough | 12 |
| WANG | YUN ZHI | Thornhill S.S. | Thornhill | 12 |
| WANG | ZHONGDAO | Columbia Int'l College | Hamilton | 12 |
| WU | MOHAN | Vincent Massey S.S. | Windsor | 12 |
| WU | YULUN | Rothesay Netherwood School | Rothesay | 11 |
| XIANG | HANGZUO | Earl Haig S.S. | North York | 12 |
| XINMENG | JIANG | Mentor College | Mississauga | 12 |
| XU | JUDY | Branksome Hall | Toronto | 12 |
| XU | NUO | Champlain Reg. College - Sherb | Sherbrooke | 13 |
| XU | ROBBIN | Lisgar C.I. | Ottawa | 12 |
| XUAN | LINGYAN | Columbia Int'l College | Hamilton | 12 |
| YANG | JUNYI | Earl of March S.S. | Kanata | 12 |
| YANG | MICKEY | Sir Winston Churchill H.S. | Calgary | 12 |
| YIN | YUJIA | A.Y. Jackson S.S. | North York | 11 |
| YU | JAMES | Don Mills C.I. | North York | 12 |
| YU | XIAOXUAN | Walter Murray C.I. | Saskatoon | 12 |
| YU | XINYUAN | Mentor College | Mississauga | 12 |
| YU | YUEMING | Sir Winston Churchill H.S. | Calgary | 12 |
| YUAN | MORGAN | Bayview S.S. | Richmond Hill | 10 |
| ZENG | KAILIN | Georges Vanier S.S. | North York | 12 |
| ZHAN | REENA | University of Toronto Schools | Toronto | 12 |
| ZHANG | ALEX | Fredericton H.S. | Fredericton | 12 |
| ZHANG | CHI | Kelvin H.S. | Winnipeg | 12 |
| ZHANG | EDWARD | Bayview S.S. | Richmond Hill | 11 |

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Group V/Groupe V

Scores/Notes 81 - 79

| | | | | |
|-------|-----------|-----------------------------|-------------|----|
| ZHANG | KEVIN | Marianopolis College | Westmount | 12 |
| ZHANG | RUOXI | Stephen Leacock C.I. | Scarborough | 11 |
| ZHAO | BINGCHENG | John Fraser S.S. | Mississauga | 12 |
| ZHAO | QIYI | Havergal College | North York | 11 |
| ZHAO | STEPHEN | The Woodlands Sec. School | Mississauga | 11 |
| ZHENG | CHENYUE | Suon Int'l Academy | Etobicoke | 12 |
| ZHENG | ECHO | Branksome Hall | Toronto | 12 |
| ZHOU | JOHN | Oakville Trafalgar H.S. | Oakville | 10 |
| ZHU | HANYU | Glenforest S.S. | Mississauga | 10 |
| ZHU | LIANGYU | Toronto Secondary Academy | Toronto | 12 |
| ZHU | TONGYI | White Oaks S.S. | Oakville | 11 |
| ZOU | PEIYAO | White Oaks S.S. | Oakville | 12 |
| ZOU | WILLIAM | Pierre Elliott Trudeau H.S. | Markham | 11 |

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Team Honour Roll/Palmarès d'équipes
International

| Rank/Rang | School/École | City/Ville | Score/Note |
|-----------|--|-------------------------|------------|
| 1 | Math Trainers Guild of Philippines | Zamboanga City | 282 |
| 2 | ICAE | Troy | 275 |
| 3 | Anglo-Chinese School (Independent) | Singapore | 273 |
| 3 | Sunway College-Canadian Int'l Mat. Prograr | Selangor Darul Ehsan | 273 |
| 5 | NUS H.S. of Mathematics and Science | Singapore | 265 |
| 6 | Chengdu Shude Senior H.S. | Chengdu | 261 |
| 7 | Qingdao Hongguang Foreign Language Coll. | Qingdao | 260 |
| 8 | Victoria Junior College | Singapore | 258 |
| 9 | British Columbia Academy | Nanjing | 257 |
| 9 | Hangzhou Foreign Language School | Hangzhou | 257 |
| 9 | Shenzhen Col. of Inter. Education | Shenzhen Guangdong | 257 |
| 12 | Cambridge Int'l Ctr. of Shanghai Normal Ur | Shanghai | 256 |
| 13 | H.S. Affiliated to Nanjing Normal Uni. | Nanjing Jiangsu | 255 |
| 13 | No.1 M. S. aff. to Central China Normal Ur | Wuhan | 255 |
| 13 | Shenzhen Foreign Language School | Shenzhen | 255 |
| 16 | Jinling H.S. | Nanjiing | 254 |
| 16 | Shanghai Guanghua College-Fudan Campus | Shanghai | 254 |
| 18 | Shenzhen M.S. | Shenzhen | 253 |
| 19 | Nanjing Foreign Language School | Nanjing | 252 |
| 20 | Shenyang No 2 School | Shenyang | 250 |
| 21 | Jinan Foreign Language School | Jinan | 249 |
| 21 | SIP Dulwich College United School | Suzhou | 249 |
| 21 | Shanghai Weiyu H.S | Shanghai | 249 |
| 24 | National Institute of Technology | Beijing | 247 |
| 24 | Ningbo Foreign Language School | Ningbo | 247 |
| 26 | Suzhou Foreign Language School | Suzhou | 246 |
| 26 | WHBC of Wuhan Foreign Language School | Jianghan District Wuhan | 246 |
| 28 | Nanhai Int'l Education Center | Foshan | 245 |
| 29 | Shenzhen Yaohua Experimental Sch. | Shenzhen Guangdong | 242 |
| 29 | Zhenhai H.S. Cambridge Int'l Center | Ningbo | 242 |
| 31 | Dalian No. 24 High School | Dalian | 241 |
| 32 | Beijing National Day School | Beijing | 240 |
| 32 | Beijing No. 2 Middle School (Intl Div) | Beijing | 240 |
| 34 | Ulink College of Suzhou Industrial Park | Suzhou Jiansu | 239 |
| 35 | Guangdong Country Garden Sch. | Foshan City | 238 |
| 35 | Guangzhou Tianhe M.S. | Guangzhou | 238 |
| 35 | U-Link College of Beijing | Beijing | 238 |
| 35 | Xi'an Gaoxin No.1 M.S. | Xi'an Shaanxi | 238 |
| 39 | CIE Centre at Shanghai Experimental School | Shanghai | 237 |
| 39 | Ningbo Xiaoshi H.S. | Ningbo Zhejiang | 237 |
| 41 | No 2 Middle School/Shanghai Jiao Tong Univ | Shanghai | 235 |
| 42 | Wuhan Maple Leaf Int'l School | Wuhan Hubei | 233 |
| 42 | Zhengzhou Foreign Language School | Henan Zhengzhou | 233 |
| 44 | Taylor's College - Sri Hartamas Campus | Kuala Lumpur | 231 |
| 45 | Canadian Trillium College-Jinhua Campus | Jinhua - Zhejiang | 230 |
| 45 | Hangzhou No 4 H. S | Hangzhou | 230 |
| 45 | Nanchang No 2 High School | Nanchang | 230 |
| 45 | Yantai Yew Wah Int'l Education School | Yantai Shangdong | 230 |
| 49 | Confucius International School Qingdao | Shandong | 229 |
| 49 | Taylor's College - Subang Jaya Campus | Subang Jaya Selangor | 229 |
| 49 | Yinghua-Bond Int'l School | Tianjin | 229 |

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International

| Name/Nom | School/École | Location/Endroit | Grade/Niveau |
|-----------------------------|-----------------------------|-------------------------------------|----------------------|
| Group I/Groupe I | Scores/Notes 98 - 95 | | |
| BHATTACHARYA | ANKAN | ICAE | Troy |
| DU | YUHENG | Affiliated Middle School of Jilin U | Changchun |
| GU | ZHENGYU | | Shanghai |
| HOW | SI YU | Sunway College-Canadian Int'l Mat. | Selangor Darul Ehsan |
| WU | FARRELL | Math Trainers Guild of Philippines | Zamboanga City |
| | | | 9 |
| Group II/Groupe II | Scores/Notes 94 - 89 | | |
| DAI | XINLE | Hubei No. 3 H.S. of WISCO | Wuhan |
| DULAY | KYLE | Math Trainers Guild of Philippines | Zamboanga City |
| GAO | YUAN | Anglo-Chinese School (Independent) | Singapore |
| GUO | XUAN | Ningbo Foreign Language School | Ningbo |
| KHONG | YI KYE | Sunway College-Canadian Int'l Mat. | Selangor Darul Ehsan |
| LIU | CHANGSHUO | Anglo-Chinese School (Independent) | Singapore |
| MOAYYED | KIMIA | Professor Hesabi H. S. | Tehran |
| SY | ADRIAN | Math Trainers Guild of Philippines | Zamboanga City |
| WANG | FAN FRANCIS | NUS H.S. of Mathematics and Science | Singapore |
| WU | JIBANG | Shanghai Qibao H. S. | Minhang |
| XUAN | GANYUAN | Shenyang No 2 School | Shenyang |
| YAO | YOUREN | NUS H.S. of Mathematics and Science | Singapore |
| ZHAO | FREDDIE | ICAE | Troy |
| ZHAO | YUYAN | British Columbia Academy | Nanjing |
| ZHOU | FANGYI | Suzhou Foreign Language School | Suzhou |
| ZOU | CHEN | No.1 M. S. aff. to Central China No | Wuhan |
| | | | 12 |
| Group III/Groupe III | Scores/Notes 88 - 86 | | |
| CAI | BOYUAN | | Beijing |
| CAO | HAI NAM | Anglo-Chinese School (Independent) | Singapore |
| DANG | JINGSONG | Meicun Senior High School | Wuxi |
| FENG | HUGANG | SIP Dulwich College United School | Suzhou |
| GE | DAOTONG | | Beijing |
| GU | HAOTIAN | Chengdu Shude Senior H.S. | Chengdu |
| GU | YIZHOU | | Shanghai |
| HENG | YUAN | | Beijing |
| HONG | MINGYUAN | | Beijing |
| HU | RUNZHI | Chengdu Shude Senior H.S. | Chengdu |
| HUANG | BINGYING | | Shanghai |
| JIANG | SHAN | China - UK College | Shenzhen |
| JIAQING | GU | Beijing No 80 H.S. | Beijing |
| LI | JIAYI | Jinling H.S. | Nanjing |
| LI | XIANG | H.S. Affiliated to Nanjing Normal U | Nanjing Jiangsu |
| LI | ZONGLUN | Qingdao Hongguang Foreign Language | Qingdao |
| LIM | YU CHEN | NUS H.S. of Mathematics and Science | Singapore |
| LIU | TIANYANG | Shenzhen Foreign Language School | Shenzhen |
| LUO | ZHENGYI | WHBC of Wuhan Foreign Language Scho | Jianghan District Wu |
| MOK | MAURICE | NUS H.S. of Mathematics and Science | Singapore |
| OBSNIUK | ZACHARY | ICAE | Troy |
| REN | YUHUA | NUS H.S. of Mathematics and Science | Singapore |
| SHETH | MILAP | Indian School Al Wadi Al Kabir | Muscat |
| SICHAO | ZHU | Hangzhou Foreign Language School | Hangzhou |
| UY | HARVEY | Math Trainers Guild of Philippines | Zamboanga City |
| | | | 10 |

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Group III/Groupe III

Scores/Notes 88 - 86

| | | | | |
|-------|----------|-------------------------------------|-----------|-----------|
| WANG | HELI | | Beijing | |
| WANG | ZIYAN | Chengdu Shude Senior H.S. | Chengdu | 10 |
| WU | ZIYU | Victoria Junior College | Singapore | 11 |
| XU | JIAHAO | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| YAN | YIHUI | Tianjin Teda Maple Leaf Int'l Schoo | Teda | 12 |
| YANG | YIXIAO | Qingdao Hongguang Foreign Language | Qingdao | 12 |
| YE | YUXIAO | Hangzhou Foreign Language School | Hangzhou | 11 |
| YIN | ZHIHAO | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |
| ZHANG | LINGYI | | Shanghai | 12 |
| ZHANG | LINXUAN | Shenzhen Col. of Inter. Education | Shenzhen | Guangdong |
| ZHANG | MENGCHUN | Jinan Foreign Language School | Jinan | 11 |
| ZHOU | HAN | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |

Group IV/Groupe IV

Scores/Notes 85 - 84

| | | | | |
|---------|--------------|-------------------------------------|----------------------|-----------|
| AN | LIN | Shenzhen M.S. | Shenzhen | 10 |
| ANG | CLYDE WESLEY | Math Trainers Guild of Philippines | Zamboanga City | 9 |
| BEI | YIJIE | Victoria Junior College | Singapore | 11 |
| CAI | YUANJIING | Jinling H.S. | Nanjiing | 12 |
| CAO | YUWEN | SIP Dulwich College United School | Suzhou | 10 |
| CHEN | ANRAN | Shenzhen Col. of Inter. Education | Shenzhen | Guangdong |
| CHEN | JIAJUN | Nanhai Int'l Education Center | Foshan | 11 |
| CHEN | NAIXIAN | Victoria Junior College | Singapore | 11 |
| CHEN | YIJUNG | Jinling H.S. | Nanjiing | 11 |
| CHENG | JOANNA | The South Island School | Aberdeen | 11 |
| CHENG | ZHUOYANG | Hangzhou Foreign Language School | Hangzhou | 12 |
| DO | THAO | Le Hong Phong H. S for the Gifted | Ho Chi Minh | 12 |
| DU | YAN | Shenzhen Foreign Language School | Shenzhen | 11 |
| GUO | JINGYUAN | Hangzhou Foreign Language School | Hangzhou | 11 |
| HE | YITIAN | Shenzhen Foreign Language School | Shenzhen | 11 |
| HUANG | RONG | Hangzhou Foreign Language School | Hangzhou | 11 |
| KONG | JUNHAN | H.S. Affiliated to Nanjing Normal U | Nanjing Jiangsu | 11 |
| LEON | NATHANIEL | NUS H.S. of Mathematics and Science | Singapore | 12 |
| LI | SHIYU | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| LI | YUTONG | Shenzhen M.S. | Shenzhen | 11 |
| LIAO | MAIZI | Shenzhen Baoan Middle School | Shenzhen | 12 |
| LIM | WEI XIAN | Sunway College-Canadian Int'l Mat. | Selangor Darul Ehsan | 12 |
| LIN | YUNQIAN | Chengdu Shude Senior H.S. | Chengdu | 11 |
| LIN | ZHENYING | Dalian No. 24 High School | Dalian | 11 |
| LING | YUFENG | British Columbia Academy | Nanjing | 11 |
| LIU | SPENCER | ICAE | Troy | 9 |
| LIU | ZHIHAN | Chengdu Shude Senior H.S. | Chengdu | 12 |
| LIU | ZILIN | Shenzhen Col. of Inter. Education | Shenzhen | Guangdong |
| LONG | YUXUAN | National Institute of Technology | Beijing | 12 |
| LOU | JIAQI | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| LU | JUNJIE | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| LYU | HUI | Shanghai Guanghua College-Fudan Cam | Shanghai | 11 |
| NGO | DANG HOANG | Anglo-Chinese School (Independent) | Singapore | 9 |
| PAN | YUEJIA | Nanjing Foreign Language School | Nanjing | 11 |
| QIU | XIAOYU | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| SHAHANE | KUVAM | ICAE | Troy | 9 |
| SHAN | YI | Shenzhen Col. of Inter. Education | Shenzhen | Guangdong |
| SHENG | YU | Hangzhou Foreign Language School | Hangzhou | 11 |
| SHUKLA | SHASHVAT | NUS H.S. of Mathematics and Science | Singapore | 10 |
| SU | SHENGYI | Shanghai Weiyu H.S. | Shanghai | 10 |

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Group IV/Groupe IV

Scores/Notes 85 - 84

| | | | | |
|--------|-----------|-------------------------------------|-----------------|----|
| SUN | JIAYI | Nanjing Foreign Language School | Nanjing | 10 |
| SUN | NANLIN | Chengdu Shude Senior H.S. | Chengdu | 11 |
| SUN | PEIYUAN | | Beijing | 13 |
| SY | ANDREW | Math Trainers Guild of Philippines | Zamboanga City | 9 |
| WANG | HAIRONG | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| WANG | MINQI | | Beijing | 11 |
| WANG | XIAOYUN | Victoria Junior College | Singapore | 11 |
| WANG | ZIJIAN | | Beijing | 12 |
| WU | CHENGTING | Shenzhen Foreign Language School | Shenzhen | 11 |
| WU | SONGHAO | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |
| XI | JIACHENG | Qingdao Hongguang Foreign Language | Qingdao | 10 |
| XIANG | KAIDI | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 10 |
| XU | CHENWEI | Shanghai Guanghua College-Fudan Cam | Shanghai | 11 |
| XU | XUECHENG | Hangzhou Foreign Language School | Hangzhou | 11 |
| XU | YIJING | | Beijing | 12 |
| YANG | FAN | H.S. Affiliated to Nanjing Normal U | Nanjing Jiangsu | 10 |
| YANG | JUE | St George's College - Weybridge | Addlestone | 13 |
| ZHANG | CHI | Shanghai Weiyu H.S | Shanghai | 10 |
| ZHANG | KANGNING | Shanghai Guanghua College-Fudan Cam | Shanghai | 11 |
| ZHANG | LIJIA | | Shanghai | 10 |
| ZHOU | YIBO | | Shanghai | 11 |
| ZHOU | YUANTE | China - UK College | Shenzhen | 12 |
| ZHUANG | ZHOU | | Shanghai | 12 |

Group V/Groupe V

Scores/Notes 83 - 80

| | | | | |
|------------|------------|-------------------------------------|----------------------|----|
| AGRAWAL | DEVANSH | Anglo-Chinese School (Independent) | Singapore | 11 |
| ANG | ALBERT | Taylor's College - Sri Hartamas Cam | Kuala Lumpur | 12 |
| ARYA VARMA | ROHAN | Anglo-Chinese School (Independent) | Singapore | 11 |
| BALETE | NATHANAEL | Math Trainers Guild of Philippines | Zamboanga City | 10 |
| CAO | FEILUN | | Beijing | 12 |
| CAO | YUCHAO | Ningbo Foreign Language School | Ningbo | 11 |
| CHEAH | JUN YITT | Sunway College-Canadian Int'l Mat. | Selangor Darul Ehsan | 12 |
| CHEN | YUAN QI | No.1 M. S. aff. to Central China No | Wuhan | 12 |
| CHEN | YUCHAO | Hangzhou Foreign Language School | Hangzhou | 11 |
| CHEN | ZIHAN | Chengdu Shude Senior H.S. | Chengdu | 12 |
| CHEN | ZIHAN | Shenzhen Foreign Language School | Shenzhen | 11 |
| CUI | JIAMING | British Columbia Academy | Nanjing | 11 |
| DAO MANH | TRI | Anglo-Chinese School (Independent) | Singapore | 12 |
| DENG | KAI | | Beijing | 13 |
| DENG | SHUYUAN | Shenzhen Col. of Inter. Education | Shenzhen Guangdong | 12 |
| DENG | YING | High School att'd to Northwest Norm | Lanzhou | 12 |
| DIAO | SHUO | | Beijing | 11 |
| DONG | HUAIWEN | National Institute of Technology | Beijing | 12 |
| FAN | HAODI | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 11 |
| GE | FANGZHOU | | Shanghai | 12 |
| GONG | ZHOUQI | Shanghai Weiyu H.S | Shanghai | 11 |
| GUAN | TINGYU | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |
| GUO | YANGMINGQI | Zhengzhou Foreign Language School | Henan Zhengzhou | 11 |
| GUORUI | LUI | | Beijing | 12 |
| HAN | YUCHEN | Victoria Junior College | Singapore | 11 |
| HONG | YIQING | Hangzhou Foreign Language School | Hangzhou | 11 |
| HU | JIAHUI | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| HUANG | KOUTIAN | H.S. Affiliated to Nanjing Normal U | Nanjing Jiangsu | 11 |
| HUANG | YANCONG | H.S. Affiliated to Nanjing Normal U | Nanjing Jiangsu | 11 |

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Group V/Groupe V

Scores/Notes 83 - 80

| | | | | |
|-------------|----------|-------------------------------------|----------------------|----|
| JIN | RUIYANG | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |
| LI | BOJUN | Guangzhou No 47 Middle School | Guangzhou | 11 |
| LI | JIANGXUE | Kunming No. 1 H. S. Int'l Division | Kunming | 12 |
| LI | MINGQUAN | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| LI | XIYAO | Shenzhen Col. of Inter. Education | Shenzhen Guangdong | 12 |
| LI | YANG | Hangzhou Foreign Language School | Hangzhou | 11 |
| LI | ZHAOMIN | AP Curriculum Center of Changjun H. | Changsha | 11 |
| LIANG | JUNHAO | Guangdong Country Garden Sch. | Foshan City | 11 |
| LIN | CHENLING | No 2 Middle School/Shanghai Jiao To | Shanghai | 11 |
| LIN | HUIYANG | Chengdu Shude Senior H.S. | Chengdu | 11 |
| LIN | LUOZHIYU | Anglo-Chinese School (Independent) | Singapore | 9 |
| LIU | CUNHAO | Chengdu Shude Senior H.S. | Chengdu | 10 |
| LIU | GINNY | Confucius International School Qing | Shandong | 12 |
| LIU | JIACHANG | The MacDuffie School | Granby | 12 |
| LIU | LIYING | Shenzhen Yaohua Experimental Sch. | Shenzhen Guangdong | 11 |
| LIU | SHAOYU | Shenzhen Foreign Language School | Shenzhen | 11 |
| LIU | SHIQI | NUS H.S. of Mathematics and Science | Singapore | 10 |
| LIU | YUYANG | Victoria Junior College | Singapore | 11 |
| LIU | ZELONG | H.S. Affiliated to Nanjing Normal U | Nanjing Jiangsu | 11 |
| LIU | ZICHANG | Ulink College of Suzhou Industrial | Suzhou Jiansu | 12 |
| LU | KAIMING | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| LUO | JIAJIE | Xi'an Gaoxin No.1 M.S. | Xi'an Shaanxi | 11 |
| MA | JINGRU | Zhenhai H.S. Cambridge Int'l Center | Ningbo | 11 |
| MANG | ZHIFU | Qingdao Hongguang Foreign Language | Qingdao | 12 |
| MEHRA | VASUDEV | Indus P. S. | Mohali | 13 |
| MIAO | BINXU | Hangzhou Foreign Language School | Hangzhou | 11 |
| MU | SIRU | Shenyang No 2 School | Shenyang | 11 |
| NGUYEN HOAI | NAM | Anglo-Chinese School (Independent) | Singapore | 9 |
| NING | YUE | Jinling H.S. | Nanjiing | 11 |
| PAN | YANCHEN | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |
| QI | YUNLI | Shenzhen Col. of Inter. Education | Shenzhen Guangdong | 12 |
| QIN | YIHAN | Beijing No. 2 Middle School (Intl D | Beijing | 10 |
| QIU | LUYU | Zhenhai H.S. Cambridge Int'l Center | Ningbo | 11 |
| QIU | SIXIAN | Hangzhou Foreign Language School | Hangzhou | 11 |
| SHAO | WANYAN | Wuxi Big Bridge Academy | Wuxi Jiangsu | 11 |
| SHAO | YIYUN | CIE Centre at Shanghai Experimental | Shanghai | 12 |
| SHENG | HANZHE | Cambridge Int'l Center of Hangzhou | Hangzhou | 11 |
| SHI | JINCE | Shenzhen Yaohua Experimental Sch. | Shenzhen Guangdong | 11 |
| SONG | YIYOU | | Beijing | 9 |
| STA MARIA | JAREN | NUS H.S. of Mathematics and Science | Singapore | 11 |
| SUN | SIYI | | Shanghai | 12 |
| TALASILA | LOHIT | Narayana Junior College | Hyderabad Andhra Pra | 12 |
| TANG | YANFEI | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |
| TONG | LING | | Beijing | 13 |
| WANG | HUANCHI | Shenyang No 2 School | Shenyang | 12 |
| WANG | JIAQI | Hangzhou Foreign Language School | Hangzhou | 11 |
| WANG | JINGYI | Chengdu Shude Senior H.S. | Chengdu | 11 |
| WANG | MINGXIA | Shenzhen Col. of Inter. Education | Shenzhen Guangdong | 12 |
| WANG | RUXUAN | Beijing No. 2 Middle School (Intl D | Beijing | 10 |
| WANG | YAQI | WHBC of Wuhan Foreign Language Scho | Jianghan District Wu | 11 |
| WANG | YICHUN | Shenzhen M.S. | Shenzhen | 11 |
| WANG | YU | Chengdu Shude Senior H.S. | Chengdu | 10 |
| WANG | YUDIAN | Shenzhen Yaohua Experimental Sch. | Shenzhen Guangdong | 11 |
| WEI | JUEQI | Chengdu Shude Senior H.S. | Chengdu | 10 |
| WENG | JIACHENG | Canadian Trillium College-Jinhua Ca | Jinhua - Zhejiang | 12 |

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Scores/Notes 83 - 80

| | | | | |
|-------|-----------|-------------------------------------|----------------------|----|
| WU | JIAJUN | Qingdao Hongguang Foreign Language | Qingdao | 11 |
| WU | JIAQI | Anglo-Chinese School (Independent) | Singapore | 10 |
| WU | KANGXIN | Ningbo Xiaoshi H.S. | Ningbo Zhejiang | 11 |
| WU | WANYI | Jinling H.S. | Nanjiing | 11 |
| WU | YIFAN | H.S. Affiliated to Nanjing Normal U | Nanjing Jiangsu | 11 |
| WU | YUNTAI | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |
| WU | YUTONG | Jinling H.S. | Nanjiing | 12 |
| XIA | YUNJUN | Chengdu Shude Senior H.S. | Chengdu | 11 |
| XIANG | YUNXIAO | Chengdu Shude Senior H.S. | Chengdu | 11 |
| XIE | CHONGSHAN | Guangzhou Tianhe M.S. | Guangzhou | 11 |
| XU | CHENYANG | Shenzhen M.S. | Shenzhen | 11 |
| XU | RONGZHEN | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |
| XU | SHUNING | Jinan Foreign Language School | Jinan | 10 |
| XU | XU | | Beijing | 11 |
| XU | YIFEI | | Beijing | 12 |
| XUAN | WENHAO | Hangzhou Foreign Language School | Hangzhou | 11 |
| YAN | SHENGYU | Jinling H.S. | Nanjiing | 11 |
| YAN | YUHAN | Shenzhen Col. of Inter. Education | Shenzhen Guangdong | 12 |
| YANG | JIABAO | Nanjing Foreign Language School | Nanjing | 10 |
| YANG | QIFAN | British Columbia Academy | Nanjing | 11 |
| YANG | RUO GU | Nanhai Int'l Education Center | Foshan | 11 |
| YANG | ZIYUE | Shenzhen Col. of Inter. Education | Shenzhen Guangdong | 12 |
| YAO | QINGNING | Jinan Foreign Language School | Jinan | 11 |
| YEONG | WERN YEEN | Taylor's College - Subang Jaya Camp | Subang Jaya Selangor | 12 |
| YOU | CHEN | Jinling H.S. | Nanjiing | 12 |
| YU | CHANGHUA | Beijing National Day School | Beijing | 10 |
| YU | FUWEI | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 11 |
| YU | SHIQI | | Shanghai | 12 |
| YU | ZHIHAO | Shanghai World Foreign Language M.S | Shanghai | 11 |
| YUAN | RUOFENG | Guangdong Country Garden Sch. | Foshan City | 11 |
| ZENG | FANWEI | Shenzhen Col. of Inter. Education | Shenzhen Guangdong | 13 |
| ZHANG | BOYANG | Jinling H.S. | Nanjiing | 11 |
| ZHANG | HAN | U-Link College of Beijing | Beijing | 12 |
| ZHANG | HAOTING | Shanghai Guanghua College-Fudan Cam | Shanghai | 11 |
| ZHANG | JING | Shanghai Pinghe School | Shanghai | 12 |
| ZHANG | MEIRU | U-Link College of Beijing | Beijing | 12 |
| ZHANG | MINGHAO | Beijing No. 5 High School | Beijing | 12 |
| ZHANG | NINGXUAN | | Beijing | 12 |
| ZHANG | XIEYU | CIE Centre at Shanghai Experimental | Shanghai | 12 |
| ZHANG | XINYU | | Beijing | 11 |
| ZHANG | XUERONG | Nanjing Foreign Language School | Nanjing | 10 |
| ZHANG | YINGHE | Shenzhen Col. of Inter. Education | Shenzhen Guangdong | 12 |
| ZHANG | YIWEN | SIP Dulwich College United School | Suzhou | 13 |
| ZHANG | YUEYANG | Wuxi Big Bridge Academy | Wuxi Jiangsu | 12 |
| ZHAO | CHENYU | | Shanghai | 10 |
| ZHAO | LINGXI | DaLian Zhongshan Stanford Lang. Tra | DaLian | 11 |
| ZHAO | ZIHAN | | Beijing | 12 |
| ZHOU | RUINAN | Cambridge Int'l Ctr. of Shanghai No | Shanghai | 12 |
| ZHOU | SHICHONG | | Shanghai | 11 |
| ZHOU | YIRUI | H.S. Affiliated to Nanjing Normal U | Nanjing Jiangsu | 11 |
| ZHOU | YUMENG | Jinan Foreign Language School | Jinan | 10 |
| ZHU | HENG | | Beijing | 13 |
| ZHU | HONGJIAN | Wuhan Maple Leaf Int'l School | Wuhan Hubei | 11 |
| ZHU | XIAOWEI | Chengdu Shude Senior H.S. | Chengdu | 10 |
| ZHU | XUAN | Beijing National Day School | Beijing | 10 |

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ZHUANG

ZHAO ZHONG

H.S. Affiliated to Nanjing Normal U Nanjing Jiangsu

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

SCORES / NOTES 100 - 80

| Name/Nom | | School/École | Location/Endroit |
|------------|-------|---------------------------------|--------------------|
| QIN | AN | Waterloo C.I. | Waterloo, ON |
| CHANG | CHEN | Stephen Leacock C.I. | Scarborough, ON |
| LYNN | CUI | Queen Elizabeth H.S. | Calgary, AB |
| JOSEPH | DIAO | Unionville H.S. | Markham, ON |
| GUIHONG | FAN | Earl Haig S.S. | North York, ON |
| ZIQI | GAO | Brooklyn College | Toronto, ON |
| RAN | GONG | Harry Ainlay H.S. | Edmonton, AB |
| XIAOYI | GONG | Markville S.S. | Markham, ON |
| YILING | HUANG | Royal Crown Academic School | North York, ON |
| XINRUI | JIA | Vincent Massey S.S. | Windsor, ON |
| SHENGZHUO | JIANG | Waterloo C.I. | Waterloo, ON |
| ALICE | LI | Strathcona H.S. | Edmonton, AB |
| DAYII | LI | London Int'l Academy | London, ON |
| JIAGEN | LI | The Westside School | Vancouver, BC |
| JINGXUAN | LI | Bronte College Of Canada | Mississauga, ON |
| MIKE | LI | Marianopolis College | Westmount, QC |
| XIANGDONG | LI | Bond Academy/Bond Int'l College | Scarborough, ON |
| CHENGYANGG | LIN | London Int'l Academy | London, ON |
| ZIRUI | LIUUI | Imperial College Of Toronto | Etobicoke, ON |
| YIWEI | LUO | Fredericton H.S. | Fredericton, NB |
| YIKAI | MIN | Bronte College Of Canada | Mississauga, ON |
| YU | PAN | Columbia Int'l College | Hamilton, ON |
| ZIXIAO | QIANG | Stouffville D.H.S. | Stouffville, ON |
| HAOZHE | SHENG | | Markham, ON |
| YUANLONG | SHU | London Int'l Academy | London, ON |
| SCOTT | SONG | Burnaby Mountain S.S. | Burnaby, BC |
| BOHONG | SUN | Royal Elite Int'l Academy | St. Catherines, ON |
| LANFENG | SUN | Rothesay Netherwood School | Rothesay, NB |
| LIANGSU | SUN | Sir Winston Churchill S.S. | St Catharines, ON |
| LINYIN | SUN | | Richmond Hill, ON |
| DAN | URSU | Vincent Massey S.S. | Windsor, ON |
| AMY | WANG | Albert Campbell C.I. | Scarborough, ON |
| HAO | WANG | Columbia Int'l College | Hamilton, ON |
| MENGYAN | WANG | Bishop Allen Academy | Etobicoke, ON |
| JINGTIAN | WENG | Wisdom Academy | Toronto, ON |
| DAVID | XIAID | London Dist. Christian S.S. | London, ON |
| RUIMING | XIONG | Queen Elizabeth H.S. | Calgary, AB |
| JINFEI | XU | Pope John Paul II S.S. | Scarborough, ON |
| YUWEI | XU | Vincent Massey S.S. | Windsor, ON |
| YI | YANG | Ontario International College | Toronto, ON |
| ZIWEI | ZHAO | Southpointe Academy | Delta, BC |
| XINYI | ZHOU | Dr. J.M. Denison S.S. | Newmarket, ON |
| YIWEI | ZHU | Bronte College Of Canada | Mississauga, ON |