

Canadian
Mathematics
Competition
An activity of the Centre for
Education in Mathematics and Computing,
University of Waterloo, Waterloo, Ontario



Concours
canadien de
mathématiques
Une activité du Centre d'éducation
en mathématiques et en informatique,
Université de Waterloo, Waterloo, Ontario

2006 Results

2006 Résultats

Fryer Contest (Grade 9)

Galois Contest (Grade 10)

Hypatia Contest (Grade 11)

Concours Fryer (9^e année – Sec. III)

Concours Galois (10^e année – Sec. IV)

Concours Hypatie (11^e année – Sec. V)

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Overall Comments

The year 2006 marked the fourth writings of the Fryer, Galois and Hypatia Contests. The FGH Contests were created to give students in Grades 9, 10 and 11 an additional mathematical challenge during the school year, and one which requires full written solutions. Being able to do mathematics is an important life skill; being able to communicate one's findings is also very important. We were pleased this year to see an increase in the number of participants in these Contests, and strong enrollments from many parts of the country. In general, the students writing these Contests are doing a good job of writing clear solutions to the problems. It was interesting to notice the effect of the the phrase "Explain your answer" and its variations on the solutions to this year's Contests. Problems containing this phrase in their text in general had good explanations; problems not containing this phrase had very little explanation in general, despite the initial instructions at the beginning of the Contests to always give explanation. Creating the final wording on these Contests is a difficult task, and we will continue to try to improve the clarity of the finished product. The averages on the Fryer, Galois and Hypatia Contests this year were 26.7, 22.7 and 20.8, respectively. We will continue to try to keep the averages on these papers in this range. Here are some specific comments on the problems on these papers.

Fryer Contest

1. Average: 9.4

In Problem 1, students were very successful in calculating the necessary marks. Some students gave a brief explanation of their computations, but many simply wrote down the calculations without explanation.

2. Average: 6.9

Despite our best efforts at wording this problem, there were many different interpretations throughout the different parts. Our markers did their best to give credit to reasonable interpretations. In (c), the intention was to orient each die independently within the pyramid structure to maximize the sum of the numbers on all of the exposed faces within this structure. Many tried to maximize the sum of exposed faces by creating their own structure, sometimes placing the cubes far apart on a glass table or hanging from fishing wire.

3. Average: 6.4

Problem 3 was well handled. Common errors included setting up the Pythagorean Theorem backwards (obtaining, for example, $OP^2 = 10^2 + 6^2$) or assuming that $AB = 10$. Students who carried these errors through correctly still obtained the majority of the available marks. In (c), many students had the insight to dissect the two smaller trapezoids into 5 and 7 small triangles respectively, but did not give much justification as to why these triangles were congruent and thus had the same area.

4. Average: 4.0

As has become standard on the Fryer, Galois and Hypatia papers, this Problem 4 started out with a relatively straightforward part and then became much more difficult quite quickly. In (a), most students had good success, with some students double-counting 77 or reporting the number of integers that do contain 7 (instead of the number that do not). In (b), many multiplied their answer from (a) by 20, forgetting to account for those integers in the 700s and 1700s. In (c), many misread the problem and tried to count the number of such integers (which would have been a fairly straightforward extension of (b)) instead of adding them up. There were some good attempts to calculate this sum, though. Common errors among those who attempted this were trying to pair the integers up (highest with lowest etc., which does not work as the sequence of integers is unbalanced with the absence of all those integers not containing 7), or adding up one group (say those from 1 to 100) and then multiplying this total by 20 (which does not account for the difference in sums between groups).

Galois Contest

1. Average: 7.5

Problem 1 was well done. In (a) and (c), generally the calculation and explanation were both clear. In (b), quite a few students missed the phrase "one more" and listed all of the triples for Amelie so that her total

was more than (not one more than) Bob's. In (d), most students got the answer $n = 8$, but quite a few did not show that Bob and Amelie could actually get the same total. (This had to be done because, despite the fact that the slips of paper could be split into two groups of equal size, there is no guarantee that equal totals can be found, since they could not be found for $n = 6$.)

2. Average: 7.9

Almost every student attempted this problem, which ended up being a good demonstration of the success of the phrase "Explain how you got your answer". A large proportion of students used decimal approximations for their answers, which ranged all of the way from some students rounding their answers to integers, to nine decimal places of accuracy. Some students did give exact answers (that is, involving square roots); these papers were certainly easier to mark.

3. Average: 5.0

In (a), almost all students successfully found the equation of the line. In (b), many students picked the midpoint of AB (which does not in fact lie on the line). Others tried some sort of trial-and-error procedure to find (in some cases) or not find (in others where students assumed the point must have integer coordinates) the required point. The simplest approach was to assume that the coordinates of the point had the form (a, a) and substitute this into the equation of the line. In (c), most of the students who were successful arrived at and then solve the system of equations $xy = 30$ and $y = -2x + 16$.

4. Average: 2.3

In (a), most students were successful in making a list of the required two-digit integers, but there was very little attempt to justify that *all* such integers had been found. Being successful at (b) and (c) required some careful reading, a good deal of thought to understand the problems, likely some trial-and-error to sort through some of the details, and some strong algebraic skills to tie all of this together. We were pleased to see a few students successfully tackle these last parts.

Hypatia Contest

1. Average: 6.5

In general, students found this problem more difficult than we had anticipated. The best approach was to formally or informally use the form $2n - 1$ for the n th odd integer and use the fact that the last integer in the k th is the $1 + 2 + 3 + \dots + (k - 1) + k = \frac{1}{2}k(k - 1)$ th odd integer. The marking of this problem did not insist on much explanation. There were some interesting facts that appeared in this pattern, including that the middle integer in odd-numbered rows was a perfect square.

2. Average: 8.5

This problem was quite well done. Those who used decimal approximations and rounded their answers off at early stages of the problem tended to introduce inaccuracies that built up through the problem; these were avoided by those who left their answers in exact form.

3. Average: 4.4

Most students had good success at finding the equation of the line in (a). In (b), a common approach to finding the correct point was using the perpendicular bisector of OQ . Not many students made it through the more complicated algebra of (c). In general, students' training in analytic geometry tended to give them a good template for setting up and writing out their solutions here.

4. Average 1.4

This problem was quite difficult and only had a handful of students had much success on the later parts. However, (a) and (c) generated some success. The intention of the first parts was to lead students through to the pieces of information necessary to tackle (d).

Please visit our website at www.cemc.uwaterloo.ca to download the 2006 Fryer, Galois and Hypatia Contests, plus full solutions.

Commentaires généraux

L'année 2006 a marqué le quatrième Concours Fryer, Galois et Hypatie. Les Concours FGH ont été créés pour donner aux étudiants de 9e, 10e et 11e (sec. III, IV et V) un défi mathématique supplémentaire pendant l'année scolaire qui exige des solutions écrites complètes. Être capable d'effectuer des mathématiques est une compétence de vie importante et pouvoir communiquer la conclusion est aussi important. Nous avons eu le plaisir cette année de voir une augmentation dans le nombre de participants dans ces concours et des inscriptions nombreuses provenant de plusieurs parties du pays. En général, les étudiants qui participent à ces concours font un bon travail à écrire des solutions claires aux problèmes. Il était intéressant de remarquer cette année l'effet de la phrase "Expliquez votre réponse" et ses variations sur les solutions. Les problèmes contenant cette phrase dans leur texte avaient en général de bonnes explications, mais les problèmes ne contenant pas cette phrase avaient, en général, très peu d'explication même si les instructions initiales au début du concours disaient de toujours donner une explication. Créer la formulation finale des phrases dans ces concours est une tâche difficile et nous continuerons à essayer d'améliorer la clarté du produit fini. Les moyennes des concours Fryer Galois et Hypatie cette année étaient de 26,8, 22,8 et 20,9, respectivement. Nous continuerons à essayer de garder les moyennes des concours dans cette même gamme. Voici quelques commentaires spécifiques sur les problèmes de ces concours.

Concours Fryer

1. Moyenne: 9,4

Dans le problème 1, les étudiants ont très bien réussi le calcul des notes nécessaires. Quelques étudiants ont donné une explication brève de leurs calculs, mais beaucoup ont noté simplement les calculs sans explications.

2. Moyenne : 6,9

Malgré nos efforts dans la formulation de ce problème, il y avait beaucoup d'interprétations différentes à travers les différentes parties. Nos correcteurs ont fait de leur mieux à donner crédit aux interprétations raisonnables. Dans (c), l'intention était d'orienter chaque dé de manière indépendante dans la structure de la pyramide pour maximiser la somme des nombres sur toutes les faces exposées dans cette structure. Beaucoup ont essayé de maximiser la somme de faces exposées en créant leur propre structure, plaçant parfois les cubes loin de l'un de l'autre sur une table de verre ou pendue avec du fil à pêche.

3. Moyenne : 6,4

Le problème 3 a été bien contrôlé. Les erreurs communes incluaient l'établissement de Théorème de Pythagore à l'envers (obtenant, par exemple, $OP^2 = 10^2 + 6^2$) ou en supposant que $AB = 10$. Les étudiants qui ont porté ces erreurs correctement ont obtenu la majorité des points disponibles. Dans (c), beaucoup d'étudiants ont eu la perspicacité de disséquer les deux plus petits trapèzes en 5 et 7 petits triangles, mais n'a pas donné la raison quant à pourquoi ces triangles étaient congrus et ainsi avait le même secteur.

4. Moyenne : 4,0

Comme il est devenu la norme dans le Concours Fryer, Galois et Hypatie, le problème 4 commence avec une partie relativement directe et ensuite devient rapidement beaucoup plus difficile. La plupart des étudiants ont réussi (a), avec quelques étudiants qui calculaient 77 deux fois ou reportaient des nombres entiers qui contiennent un 7 (au lieu des nombres qui ne contiennent pas de 7). Dans (b), beaucoup ont multiplié leur réponse de (a) par 20 oubliant d'expliquer les nombres entiers dans les 700 et 1700. Dans (c), beaucoup ont mal lu le problème et ont essayé de compter le total de tels entiers (une extension assez directe de (b)) au lieu de les additionner. Il y avait, par contre, quelques bonnes tentatives de calculer cette somme. Les erreurs communes parmi ceux qui ont tenté le problème étaient de mettre les nombres entiers en couple (les plus haut avec le plus bas etc., ce qui ne fonctionne pas parce que la séquence de nombres entiers est mal équilibrée avec l'absence de tous ces nombres entiers ne contenant pas un 7), ou en additionnant un groupe (comme ceux de 1 à 100) et en multipliant alors ce total par 20 (ce qui ne tient pas contre de la différence des sommes entre les groupes).

Concours Galois

1. Moyenne : 7,5

Le problème 1 a été bien réussi. En général, dans (a) et (c), le calcul et les explications étaient clairs. Dans (b), plusieurs étudiants ont manqué la phrase “un de plus” et ont énuméré tous les triples pour Amélie, ce qui à entraîné un total plus élevé que (pas un de plus que) Boris. Dans (d), la plupart des étudiants ont obtenu la réponse $n = 8$, mais plusieurs n’ont pas montré que Boris et Amélie pouvaient obtenir un total identique. (Ceci devait être fait parce que, malgré le fait que les bout de papier pouvaient être fractionnées dans deux groupes de taille égale, il n’y avait pas de garantie que les totaux égaux peuvent être trouvés, puisque ils ne pouvaient pas être trouvés pour $n = 6$.)

2. Moyenne : 7,9

Presque chaque étudiant a tenté ce problème, qui était une bonne démonstration du succès de la phrase “Expliquer comment la réponse a été obtenue”. Une grande proportion d’étudiants a utilisé des approximations décimales pour leurs réponses et qui c’est étendu à donner un nombre entier arrondir jusqu’à neuf décimales de précision. Quelques étudiants ont donné des réponses exactes (ceci, impliquant des racines carrées); ces concours étaient certainement plus facile à corriger.

3. Moyenne : 5,0

Dans (a), presque tous les étudiants ont eu du succès avec l’équation de la droite. Dans (b), beaucoup d’étudiants ont choisi le milieu de AB (qui n’est pas situé sur la droite). Les autres ont essayé un procédé de déduction d’erreur pour trouver (dans quelques cas) ou de ne pas trouvé (dans d’autres où les étudiants ont supposé que le point doit avoir des coordonnées de nombres entiers) le point exigé. L’approche la plus simple était de supposer que les coordonnées du point avaient la forme (a, a) et de substituer ceci dans l’équation de la droite. Dans (c), la plupart des étudiants qui ont réussi, ont trouvé et ont ensuite résous le système d’équations $xy = 30$ et $y = -2x + 16$.

4. Moyenne : 2,3

Dans (a), la plupart des étudiants ont réussi à faire la liste de nombres entiers à deux chiffres exigée, mais il y avait très peu de tentative de justifier que certains de ses nombres entiers avaient été trouvés. Réussir (b) et (c) demandait une lecture attentive, de la réflexion afin de comprendre les problèmes, probablement un procédé de déduction d’erreur pour certains des détails, et quelques fortes compétences algébriques pour lier le tout. Nous étions content de voir que quelques étudiants aient réussi à empoigner ces dernières parties.

Concours Hypatie

1. Moyenne : 6,5

Le général, les étudiants ont trouvé ce problème plus difficile que nous l’avions prévu. La meilleure approche était tout simplement d’utiliser formellement ou informellement la forme $2n - 1$ pour le n^{e} nombre entier impair et d’utiliser le fait que le dernier nombre entier est le k^{e} est le $1 + 2 + 3 + \dots + (k - 1) + k = \frac{1}{2}k(k - 1)^{\text{e}}$ nombre entier impair. La correction de ce problème ne demandait pas beaucoup d’explication. Il y avait quelques faits intéressants qui ont apparu dans cette suite, y compris le fait que le nombre entier au milieu de tous les rangs impairs était un carré parfait.

2. Moyenne : 8,5

Ce problème a été tout à fait bien réussi. Ceux qui ont utilisé des approximations décimales et ont arrondi leurs réponses dans les premières parties du problème ont eu tendance à introduire des inexactitudes qui se sont accumulées dans le problème. Ceci a été évités par ceux qui ont laissé leurs réponses dans la forme exacte.

3. Moyenne : 4,4

La plupart des étudiants ont eu du succès à trouver l’équation de la droite dans (a). Dans (b), une approche commune pour trouver le bon point était d’utiliser la bissectrice perpendiculaire OQ . Pas beaucoup

d'étudiants ont passé à travers l'algèbre plus difficile de (c). En général, les étudiants entranés dans la géométrie analytique avaient un bon gabarit qui leur permettait d'établir et d'écrire leurs solutions.

4. Moyenne : 1,5

Ce problème était très difficile et seulement une poignée d'étudiants ont eu beaucoup de succès dans les parties ultérieures. Cependant, (a) et (c) ont engendré du succès. L'intention des premières parties était de mener les étudiants aux morceaux d'informations nécessaires pour empoigner (d).

Veuillez visiter notre site Web à www.cemc.uwaterloo.ca pour télécharger les concours Fryer, Galois et Hypatie 2006, avec solutions complètes.

Enrollment**Inscription**

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

	Enrollment/ Inscription
NL	67
NS	193
NB	160
PE	17
QC	420
ON	8013
MB	393
SK	143
AB	636
BC	1529
YT	6
International	927
Total	12504

Score/ Note	Fryer Rank/ Position	Galois Rank/ Position	Hypatia/ Hypatie Rank/ Position
40	1	1	1
39	11	2	5
38	34	9	7
37	75	19	15
36	149	38	25
35	281	71	46
34	417	117	96
33	568	201	158
32	782	281	209
31	1039	382	259
30	1257	501	315
29	1496	611	383
28	1711	755	463
27	1931	891	554
26	2110	1036	653
25	2290	1162	781
24	2465	1316	910
23	2614	1495	1064
22	2772	1695	1216
21	2891	1870	1390
20	3004	2054	1539
19	3111	2226	1684
18	3188	2364	1829
17	3280	2484	1974
16	3357	2597	2136
15	3436	2710	2247
14	3494	2806	2375
13	3532	2887	2495
12	3562	2964	2577
11	3599	3029	2653
10	3624	3074	2705
9	3642	3112	2756
8	3654	3135	2797
7	3663	3168	2829
6	3676	3187	2853
5	3688	3201	2872
4	3691	3212	2892
3	3694	3219	2911
2	3695	3224	2926
1	3696	3229	2938
0		3234	2943

N.B. These rankings pertain to ALL contestants /
 N.B. Ces rangs se rapportent à TOUS concurrents

The top 25% of the competitors in each of the three Contests were divided into three categories: Gold Standard, Silver Standard and Bronze Standard, in the ratio 1 : 2 : 3. The names of those students achieving the Gold Standard (that is, scoring in roughly the top 4%) are listed alphabetically below for each Contest.

Les candidats qui se classent dans le premier quart de classement dans chacun des trois concours ont été répartis en trois catégories: le niveau or, le niveau argent et le niveau bronze, selon le ratio 1 : 2 : 3. Le nom des étudiants qui ont obtenu le niveau or (c'est-à-dire ceux qui se classent parmi les premiers 4 p. 100) est donné par ordre alphabétique ci-dessous pour chaque concours.

Name/Nom		School/École	Location/Endroit
NICHOLAS	ADAMSKI	MCKERNAN J.H.S.	EDMONTON, AB
SUZANNE	AHN	THORNHILL S.S.	THORNHILL, ON
EUN JI	AN	WEST VANCOUVER S.S.	WEST VANCOUVER, BC
KATHLEEN	ANG	QUEEN ELIZABETH H.S.	CALGARY, AB
LAJARI	ANNE	ICAE	TROY, MI
AYDA	ASKARI	MARC GARNEAU C.I.	NORTH YORK, ON
JASMIN	ASTLE	NACKAWIC H.S.	NACKAWIC, NB
CORY	AUSTIN	CRESCENT SCHOOL	NORTH YORK, ON
AOYU	BAI	WEST CARLETON S.S.	DUNROBIN, ON
ROBERT	BAI	RICHVIEW C.I.	ETOBICOKE, ON
GERALDINE	BANIQUED	MATH TRAINERS GUILD	PHILIPPINES
GOLAM	BAPPI	VINCENT MASSEY S.S.	WINDSOR, ON
SOLOMON	BARKLEY	SEAWAY D. H.S.	IROQUOIS, ON
MURPHY	BERZHISH	ST. JOHN'S-RAVENSCHOOL SCHOOL	WINNIPEG, MB
VALERIE	BEYNON	BALMORAL HALL SCHOOL	WINNIPEG, MB
RAM	BHASKAR	ICAE	TROY, MI
DANIEL	BIRCHARD	ST. JOHN'S-RAVENSCHOOL SCHOOL	WINNIPEG, MB
MELANIE	BLAINET	ALL SAINTS C.S.S.	WHITBY, ON
ROHIT	BOLLINENI	ICAE	TROY, MI
DISHA	BORA	ICAE	TROY, MI
SAMUEL	BOSTOCK	E.S. ETIENNE-BRULE	NORTH YORK, ON
COLIN	BRENNAN	ST. MATTHEW H.S.	ORLEANS, ON
KRYSLETT	BUNYI	MATH TRAINERS GUILD	PHILIPPINES
DANNY	CHAN	MARC GARNEAU C.I.	NORTH YORK, ON
FLORENCE	CHAN	MARC GARNEAU C.I.	NORTH YORK, ON
FORSON	CHAN	ST. GEORGE'S SCHOOL	VANCOUVER, BC
PHILIP	CHAN	UPPER CANADA COLLEGE	TORONTO, ON
WESLEY	CHAN	ST. JOHN'S-RAVENSCHOOL SCHOOL	WINNIPEG, MB
JACLYN	CHANG	JOHN WARE J.H.S.	CALGARY, AB
JENSEN	CHANG	CHINESE INTERNATIONAL SCHOOL	HONG KONG
DIPAYAN	CHAUDHURI	ST. FRANCIS XAVIER S.S.	MISSISSAUGA, ON
ALVIN	CHAUHAN	WINDERMERE S.S.	VANCOUVER, BC
JONATHAN	CHAYCHORCHEONG	FATHER MICHAEL GOETZ S.S.	MISSISSAUGA, ON
MIHAI	CHELARU CENTEA	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
AMALIE	CHEN	LONDON CENTRAL S.S.	LONDON, ON
FREDDY	CHEN	PINETREE S.S.	COQUITLAM, BC
JOY	CHEN	MCKERNAN J.H.S.	EDMONTON, AB
MICHAEL	CHEN	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
MIMI	CHEN	ICAE	TROY, MI
MELVIN	CHIEN	HOLY TRINITY SCHOOL	RICHMOND HILL, ON
EVANNA	CHIEW	LITTLE FLOWER ACADEMY	VANCOUVER, BC
CAROLINE	CHIN	HAVERGAL COLLEGE	NORTH YORK, ON
STEPHANIE	CHIU	FRANCIS LIBERMANN C.H.S.	SCARBOROUGH, ON
JEFFREY	CHOI	ST. GEORGE'S SCHOOL	VANCOUVER, BC
SAHIL	CHOPRA	MIDDLEFIELD C.I.	MARKHAM, ON
PATRICK	CHOU	WEST VANCOUVER S.S.	WEST VANCOUVER, BC
KAWTER	CHOUGUI	ACADEMIE IBN-SINA	MONTREAL, QC

Name/Nom		School/École	Location/Endroit
AMY	CHOW	BAYVIEW S.S.CHOOL	RICHMOND HILL, ON
DEREK	CHOW	F.E. OSBORNE H.S.	CALGARY, AB
EARL	CHUA	MATH TRAINERS GUILD	PHILIPPINES
NIKITA	CONSUL	ICAE	TROY, MI
JULIA	CORY	LORD BYNG S.S.	VANCOUVER, BC
LISA	CRAIGEN	ACADIA J.H.S.	WINNIPEG, MB
MATT	DAALDER	E.S. LA CITADELLE	CORNWALL, ON
AMINE	DANANE	ACADEMIE IBN-SINA	MONTREAL, QC
KEVIN	DU	HENRY KELSEY S.P.S.	SCARBOROUGH, ON
GABRIELLE	DUGAS	COLLEGE LAVAL	LAVAL, QC
MOLLY	DUSHNICKY	PORT ARTHUR C.I.	THUNDER BAY, ON
ERVIN	DY	MATH TRAINERS GUILD	PHILIPPINES
HADI	ELASSAAD	ACADEMIE IBN-SINA	MONTREAL, QC
RIGEL	ESPIRITU	MATH TRAINERS GUILD	PHILIPPINES
DAVID	FALLIS	CONSTABLE NEIL BRUCE M.S.	KELOWNA, BC
JASON	FLANNERY	CRESCENT SCHOOL	NORTH YORK, ON
ALEXANDRU	FLOREA	E.S. ST-LUC	MONTREAL, QC
KEVIN	FRITZKE	ABBOTSFORD TRADITIONAL S.S.	ABBOTSFORD, BC
HENRY	FUNG	GLENFOREST S.S.	MISSISSAUGA, ON
TALIA	GLODJO	BALMORAL HALL SCHOOL	WINNIPEG, MB
JORDAN	GOODRIDGE	ERINDALE S.S.	MISSISSAUGA, ON
ALEXANDRA	GOUBANOVA	NEPEAN H.S.	OTTAWA, ON
VINCENT	GOULET	POLYVALENTE BENOIT-VACHON	STE MARIE, QC
CALVIN	GREYSSON WONG	EARL OF MARCH S.S.	KANATA, ON
JENNY	GU	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
CHENGCHENG	GUI	ST. JOHN'S-RAVENS COURT SCHOOL	WINNIPEG, MB
JOHN	GUO	JOHN WARE J.H.S.	CALGARY, AB
PRATEEK	GUPTA	PICKERING H.S.	AJAX, ON
NEIL	GURRAM	ICAE	TROY, MI
ELAN	HAHN	BNEI AKIVA SCHOOL	NORTH YORK, ON
CONNIE	HEO	SEAQUAM S.S.	DELTA, BC
ISAAC	HO	RICHMOND CHRISTIAN S.S.	RICHMOND, BC
JENNY	HO	MILLIKEN MILLS H.S.	MARKHAM, ON
KAREN	HO	CROFTON HOUSE SCHOOL	VANCOUVER, BC
KENNETH	HO	CHINESE INTERNATIONAL SCHOOL	HONG KONG
LOUIS	HONG	WATERLOO C.I.	WATERLOO, ON
SOFIA	HOU	LISGAR C.I.	OTTAWA, ON
JOY	HU	KITCHENER-WATERLOO C.V.I.	KITCHENER, ON
ERIC	HUANG	ST. GEORGE'S SCHOOL	VANCOUVER, BC
JESSIE	HUANG	LONDON CENTRAL S.S.	LONDON, ON
CHUN	HUI	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
SONJA	ING	HAVERGAL COLLEGE	NORTH YORK, ON
HISAYUKI	IWASAKI	CANADIAN INT'L SCHOOL	SINGAPORE
RANDY	JIA	ICAE	TROY, MI
SHENG	JIANG	ICAE	TROY, MI
MITCHELL	JOHNSTON	CRESCENT SCHOOL	NORTH YORK, ON
ILIJA	JOVANOVIC	RICHVIEW C.I.	ETOBICOKE, ON
JUNO	JUNG	WALNUT GROVE S.S.	LANGLEY, BC
DANIEL	KAHN	C.H.A.T. (HEBREW ACADEMY)	RICHMOND HILL, ON
KATHERINE	KANG	MARC GARNEAU C.I.	NORTH YORK, ON
GOUTHAM	KAPA	ICAE	TROY, MI
NATALIE	KEMP	BISHOP RYAN SCHOOL	HAMILTON, ON
CLARA	KIM	CHINESE INTERNATIONAL SCHOOL	HONG KONG
EUI SUK	KIM	ST. MICHAEL'S COLLEGE SCHOOL	TORONTO, ON
HYUNGJIN	KIM	WALTER MURRAY C.I.	SASKATOON, SK
JI HO	KIM	LORNE PARK S.S.	MISSISSAUGA, ON

Name/Nom		School/École	Location/Endroit
NAMHUN	KIM	ICAE	TROY, MI
PETER	KIM	FLEETWOOD PARK S.S.	SURREY, BC
SOPHIA	KIM	PINETREE S.S.	COQUITLAM, BC
URIAN	KIM	WEST VANCOUVER S.S.	WEST VANCOUVER, BC
CONNOR	KJERSTEEEN	QUEEN ELIZABETH H.S.	CALGARY, AB
BOGDAN	KNEZEVIC	THE WOODLANDS SCHOOL	MISSISSAUGA, ON
KATHERINE	KOUZMINA	HUMBERSIDE C.I.	TORONTO, ON
DEEPTHI	KRISHNA	ICAE	TROY, MI
MITHUM	KULARATNE	WALTER MURRAY C.I.	SASKATOON, SK
GAURAV	KULKARNI	ICAE	TROY, MI
HENRY	KWON	BLUEVALE C.I.	WATERLOO, ON
KEIMING	KWONG	MARKHAM D.H.S.	MARKHAM, ON
AMY	LAM	EAST YORK C.I.	EAST YORK, ON
EVAN	LAO	MATH TRAINERS GUILD	PHILIPPINES
ARNOLD	LAU	MATH TRAINERS GUILD	PHILIPPINES
KEVIN	LAU	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
JOSEIENRIC	LECETA	MATH TRAINERS GUILD	PHILIPPINES
ANDY	LEE	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
CHRIS	LEE	PINETREE S.S.	COQUITLAM, BC
HEAEUN	LEE	KING'S-EDGEHILL SCHOOL	WINDSOR, NS
JAEHOON	LEE	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
MICHAELA	LEE	HAWTHORN SCHOOL FOR GIRLS	NORTH YORK, ON
MINWOOK	LEE	MARC GARNEAU C.I.	NORTH YORK, ON
KRISTEL	LEUNG	NORTH SURREY S.S.	SURREY, BC
DANIEL	LEWIS	THE HALIFAX GRAMMAR SCHOOL	HALIFAX, NS
JOHANNA	LEWIS	MARC GARNEAU C.I.	NORTH YORK, ON
FANGDA	LI	THORNHILL S.S.	THORNHILL, ON
JERRY	LI	DON MILLS C.I.	NORTH YORK, ON
JIANG	LI	UPPER CANADA COLLEGE	TORONTO, ON
MINGYUAN	LI	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
SHERRY	LI	MARC GARNEAU C.I.	NORTH YORK, ON
VICTOR	LI	WALTER MURRAY C.I.	SASKATOON, SK
ROB	LIDDELL	MARKVILLE S.S.	MARKHAM, ON
KEVIN	LIM	WILLIAM LYON MACKENZIE C.I.	NORTH YORK, ON
HONGWEI	LIU	LISGAR C.I.	OTTAWA, ON
SONIA	LIU	EASTWOOD C.I.	KITCHENER, ON
ELLEN	LLOYD	JOHN WARE J.H.S.	CALGARY, AB
KEVAN	LU	RICHMOND HILL H.S.	RICHMOND HILL, ON
NIKLAS	LUBCZYNSKI	WATERLOO C.I.	WATERLOO, ON
CINDY	LYNN	GLEBE C.I.	OTTAWA, ON
JUDITH	MA	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
SIMON	MAAS	ST. GEORGE'S SCHOOL	VANCOUVER, BC
FIONA	MACLEOD	KINGSTON C.V.I.	KINGSTON, ON
TORREY	MACTAVISH	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG, MB
KAYLA	MAC.V.I.CAR	ST. JOAN OF ARC H.S.	BARRIE, ON
CHANUKYA	MALLA	ICAE	TROY, MI
SIMON	MARSELLO	CRESCENT SCHOOL	NORTH YORK, ON
JASON	MARTIN	W.F. HERMAN S. S.	WINDSOR, ON
GOLSHAN	MASSAH	WEST VANCOUVER S.S.	WEST VANCOUVER, BC
JUSTIN	MCDONALD	PRESTON H.S.	CAMBRIDGE, ON
MEGHAN	MIHOLICS	DELTA S. S.	HAMILTON, ON
DANIEL	MISIEWICZ	PICKERING H.S.	AJAX, ON
SUDHARSHAN	MOHANRAM	ICAE	TROY, MI
ARMON	MOLAVI	WALTER MURRAY C.I.	SASKATOON, SK
CRAIG	MOORE	KENILWORTH J.H.S.	EDMONTON, AB
ALEXANDER	MORASH	FREDERICTON H.S.	FREDERICTON, NB

Name/Nom		School/École	Location/Endroit
PRANAV	MOUDGIL	ICAE	TROY, MI
TARA	MUNIKAR	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG, MB
TY	MUNSTERMAN	KENILWORTH J.H.S.	EDMONTON, AB
TED	MURPHY	THE HALIFAX GRAMMAR SCHOOL	HALIFAX, NS
MARYNA	MUZYCHENKO	MCKERNAN J.H.S.	EDMONTON, AB
SURYA	NAGARAJA	ICAE	TROY, MI
JANANI	NAIDU	ICAE	TROY, MI
JEFFREY	NEGREA	NORTHERN S.S.	TORONTO, ON
ALEX	NG	DAVID THOMPSON S.S.	VANCOUVER, BC
ALVIN	NG	CRESCENT SCHOOL	NORTH YORK, ON
GARRY	NG	VICTORIA PARK C.I.	NORTH YORK, ON
TREVOR	NG	ERIC HAMBER S.S.	VANCOUVER, BC
BRADEN	NGUYEN	ERINDALE S.S.	MISSISSAUGA, ON
BRYAN	NGUYEN	LOWER CANADA COLLEGE	MONTREAL, QC
JAKE	NIELSEN	JACOB HESPELER S.S.	CAMBRIDGE, ON
KEIFER	O CONNOR	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG, MB
KATELYN	O GORMAN	ST. JOSEPH'S H.S.	BARRIE, ON
REGINA PAZ	ONGLAO	MATH TRAINERS GUILD	PHILIPPINES
PETER	ORIELLY	ST. GABRIEL'S ALL GRADE SCHOOL	ST BRENDANS, NL
CHRISTINE	OUELLETTE	COLLEGE LAVAL	LAVAL, QC
AVERY	OZBURN	HAVERGAL COLLEGE	NORTH YORK, ON
HOWARD	PANG	ST. FRANCIS XAVIER S.S.	MISSISSAUGA, ON
TONG	PANG	E.S. ST-LUC	MONTREAL, QC
ANGELA	PARK	SIR JOHN A. MACDONALD S.S.	WATERLOO, ON
JASON	PARK	EARL MARRIOTT S.S.	SURREY, BC
JEAN	PARK	APPLEWOOD HEIGHTS S.S.	MISSISSAUGA, ON
SOPHIA	PARK	VINCENT MASSEY S.S.	WINDSOR, ON
ANTHONY	PAYNE	PASADENA ACADEMY	PASADENA, NL
STARRY	PENG	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG, MB
CASSY	POSTMA	BEAMSVILLE D. S. S..	BEAMSVILLE, ON
NICHOLAS	PUN	ST. GEORGE'S SCHOOL	VANCOUVER, BC
ISOBEL	REDELMEIER	ST. CLEMENT'S SCHOOL	TORONTO, ON
GWEN	RICKERBY	SEAQUAM S.S.	DELTA, BC
RICCI RYAN	ROJO	MATH TRAINERS GUILD	PHILIPPINES
JEREMY	ROMAN	SIR JOHN A. MACDONALD S.S.	WATERLOO, ON
STEPHANIE	SAAVEDRA	MATH TRAINERS GUILD	PHILIPPINES
KASRA	SAFAVI NAEINI	WATERLOO C.I.	WATERLOO, ON
MARIYA	SARDARLI	MCKERNAN J.H.S.	EDMONTON, AB
DUSAN	SARENAC	SIR JOHN A. MACDONALD S.S.	WATERLOO, ON
SEBASTIAN	SCHWEIGERT	UPPER CANADA COLLEGE	TORONTO, ON
SHAHRIAR	SEDDIGH	WEST VANCOUVER S.S.	WEST VANCOUVER, BC
ARESH	SEPEHRI	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG, MB
CHRISTIAN	SGRO	ST. MICHAEL'S COLLEGE SCHOOL	TORONTO, ON
ABISHEK	SHANMUGARAJAH	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
MARIA	SHAO	STEPHEN LEACOCK C.I.	SCARBOROUGH, ON
SHAHEEN	SHEIKH	ICAE	TROY, MI
ALLEN	SHEN	ICAE	TROY, MI
MARK	SHEN	MARC GARNEAU C.I.	NORTH YORK, ON
HUNNA	SHIN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG, MB
ERWIN	SIRBU	VICTORIA PARK C.I.	NORTH YORK, ON
NORMAN	SIU	TEMPLETON S.S.	VANCOUVER, BC
KRUSAN	SIVANAYAGAM	WILLIAM LYON MACKENZIE C.I.	NORTH YORK, ON
ELAINE	SLOBODA	WATERLOO C.I.	WATERLOO, ON
NATHAN	SMITH	LEAMINGTON D.S.S.	LEAMINGTON, ON
IGSUNG	SO	ST. MICHAEL'S COLLEGE SCHOOL	TORONTO, ON
ALEX	SOKOLOV	WILLIAM LYON MACKENZIE C.I.	NORTH YORK, ON

Name/Nom		School/École	Location/Endroit
ROBERT	SOUTER	NEPEAN H.S.	OTTAWA, ON
ROBERT	ST ONGE	COLONEL BY S. S.	GLOUCESTER, ON
ROBERT	STURROCK	LORD BYNG S.S.	VANCOUVER, BC
JEWOO	SUN	MEADOWRIDGE SCHOOL	MAPLE RIDGE, BC
LUKE	SWANSON	SILVER HEIGHTS C. I.	WINNIPEG, MB
DANN	TAN	MATH TRAINERS GUILD	PHILIPPINES
NIKKI	TAN	SOUTHRIIDGE SCHOOL	SURREY, BC
TANYA	TANG	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
MARQUIS	TANN	MATH TRAINERS GUILD	PHILIPPINES
DMITRI	TCHEBOTAREV	NORTHERN S.S.	TORONTO, ON
ELSIE	TRANMER	ST. PATRICK H.S.	THUNDER BAY, ON
AMANDA	TU	SOUTHRIIDGE SCHOOL	SURREY, BC
NATHANAEL	TUNG	BURNABY SOUTH S.S.	BURNABY, BC
NICOLE	VAGLE	STELLY'S SCHOOL	SAANICHTON, BC
MATTHEW	VENGALIL	ICAE	TROY, MI
ANDREW	VOVK	A.B. LUCAS S.S.	LONDON, ON
STELLA	VUONG	TEMPLETON S.S.	VANCOUVER, BC
ASHLEY	WADSON	ST. PATRICK H.S.	THUNDER BAY, ON
DAVID	WAENINK	RIDEAU D.H.S.	ELGIN, ON
AMANDA	WANG	SENTINEL S.S.	WEST VANCOUVER, BC
ANDREW	WANG	VINCENT MASSEY S.S.	WINDSOR, ON
FRANCES	WANG	ALBERT CAMPBELL C.I.	SCARBOROUGH, ON
KEDI	WANG	ACADIA J.H.S.	WINNIPEG, MB
LINDA	WANG	BURNABY SOUTH S.S.	BURNABY, BC
LINDA	WANG	MAGEE S.S.CHOOL	VANCOUVER, BC
TINA	WANG	PINETREE S.S.	COQUITLAM, BC
SELENA	WANG THOMAS	CHINESE INTERNATIONAL SCHOOL	HONG KONG
COLIN	WEAVER	QUEEN ELIZABETH H.S.	CALGARY, AB
MICHAEL	WEE	PORT MOODY S.S.S.	PORT MOODY, BC
NISSI	WEI	MARKHAM D.H.S.	MARKHAM, ON
LUCIE	WENG	CENTENNIAL REG. H.S.	GREENFIELD PARK, QC
TZIPPORAH	WITTY	BNEI AKIVA SCHOOL	NORTH YORK, ON
GABRIEL	WONG	ST. GEORGE'S SCHOOL	VANCOUVER, BC
ANGELA	WU	NORTHVIEW HEIGHTS S.S.	NORTH YORK, ON
JASON	WU	LORNE PARK S.S.	MISSISSAUGA, ON
KEVIN	WU	ICAE	TROY, MI
AKSHAR	WUNNAVA	ICAE	TROY, MI
MENGCHEN	XI	COLONEL BY S. S.	GLOUCESTER, ON
BILL	XIA	MCKERNAN J.H.S.	EDMONTON, AB
EMILY	XIA	MAGEE S.S.CHOOL	VANCOUVER, BC
KEFAN	XIE	NORTHVIEW HEIGHTS S.S.	NORTH YORK, ON
CATHERINE	XU	FREDERICTON H.S.	FREDERICTON, NB
MARK	XU	ST. JOHN'S-RAVNSCOURT SCHOOL	WINNIPEG, MB
TINA	XU	CROFTON HOUSE SCHOOL	VANCOUVER, BC
JONATHAN	YACH	WATERLOO C.I.	WATERLOO, ON
HAN	YAN	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
NATHAN	YAN	TEMPLETON S.S.	VANCOUVER, BC
ALBERT	YANG	BAYVIEW S.S.CHOOL	RICHMOND HILL, ON
KARREN	YANG	HENRY KELSEY S.P.S.	SCARBOROUGH, ON
ZEYA	YANG	COLONEL BY S. S.	GLOUCESTER, ON
SIMON	YIN	O'NEILL C.V.I.	OSHAWA, ON
ERICA	YOON	RICHMOND HILL H.S.	RICHMOND HILL, ON
AMY	YU	PINETREE S.S.	COQUITLAM, BC
OMAR	ZGHAL	VINCENT MASSEY S.S.	WINDSOR, ON
EDWARD	ZHANG	LISGAR C.I.	OTTAWA, ON
HANS	ZHANG	GLENFOREST S.S.	MISSISSAUGA, ON

Name/Nom		School/École	Location/Endroit
ROGER	ZHANG	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
LUTHER	ZHAO	ST. GEORGE'S SCHOOL	VANCOUVER, BC
RITCHIE	ZHAO	MARC GARNEAU C.I.	NORTH YORK, ON
XINGYU	ZHOU	GREYSTONE HEIGHTS	SASKATOON, SK
HENRY	ZHU	TEMPLETON S.S.	VANCOUVER, BC
MIKE	ZHU	WOODBINE J.H.S.	NORTH YORK, ON
YANGA	ZHU	PORT MOODY S.S.S.	PORT MOODY, BC
ZIMU	ZHU	RICHMOND HILL H.S.	RICHMOND HILL, ON
SHAWN	ZIAI	ALL SAINTS C.H.S.	KANATA, ON

The top 25% of the competitors in each of the three Contests were divided into three categories: Gold Standard, Silver Standard and Bronze Standard, in the ratio 1 : 2 : 3. The names of those students achieving the Gold Standard (that is, scoring in roughly the top 4%) are listed alphabetically below for each Contest.

Les candidats qui se classent dans le premier quart de classement dans chacun des trois concours ont été répartis en trois catégories: le niveau or, le niveau argent et le niveau bronze, selon le ratio 1 : 2 : 3. Le nom des étudiants qui ont obtenu le niveau or (c'est-à-dire ceux qui se classent parmi les premiers 4 p. 100) est donné par ordre alphabétique ci-dessous pour chaque concours.

Name/Nom	School/École	Location/Endroit
REZA	ABASI	NORTH YORK, ON
PACO	ADAJAR	PHILIPPINES
RYAN	AHN	NORTH YORK, ON
EVAN	ALDERSON	LEAMINGTON, ON
YOUNG HA	AN	HALIFAX, NS
GABRIELLE	ASCAH	MONTREAL, QC
DUSTIN	AU	KINGSTON, ON
EHSANEHSAN	AZARMSA	TEHRAN, IRAN
MICHAEL	BABINSKY	LAVAL, QC
YAZDAN	BAHRAMNESBAT	TEHRAN, IRAN
JIXIN	BAO	TORONTO, ON
CALLUM	BUTTERWORTH	KITCHENER, ON
HAN BO	CAO	SCARBOROUGH, ON
TAYLOR	CAO	SCARBOROUGH, ON
HAN	CHANG HAO	BEIJING, CHINA
GU	CHAO	TORONTO, ON
ROSS	CHAUDHRY	CALGARY, AB
HENRY	CHEN	CALGARY, AB
JENNY	CHEN	NORTH YORK, ON
PHILIP	CHEN	MISSISSAUGA, ON
SUHHYUN	CHOE	OAKVILLE, ON
AARON	CHOI	NORTH YORK, ON
FRANCESCA	CHOI	PHILIPPINES
MIKE	CHOI	HONG KONG
MINWOO	CHOI	NEWMARKET, ON
JORDAN	CHUNG	WINNIPEG, MB
TING	CONG	CALGARY, AB
BETH	CROTEAU	VANCOUVER, BC
NICHOLAS	CUBBON	HONG KONG
BOCHENG	CUI	SURREY, BC
FIONA	CUI	PORT MOODY, BC
VINCENT	DAGENAIS	LAVAL, QC
MARK	DAWIDEK	LONDON, ON
QIN	DENG	NORTH YORK, ON
IAN	DIMAANDAL	PHILIPPINES
JONATHAN	DING	NORTH YORK, ON
JOHN	DONG	RICHMOND HILL, ON
HANK	DUAN	COQUITLAM, BC
ARAM	EBTEKAR	PORT MOODY, BC
ALP	ELDEM	ISTANBUL, TURKEY
JONATHAN	ERLICHMAN	TORONTO, ON
JASON	FAN	BURNABY, BC
AMY	FARROW	KINGSTON, ON
FARNAZ	FARZAM	TEHRAN, IRAN
RACHEL	FELDMAN	TORONTO, ON
RUI	FENG	SCARBOROUGH, ON
JULIAN	FILICE	HAMILTON, ON

Name/Nom		School/École	Location/Endroit
JEFF	GAO	LISGAR C.I.	OTTAWA, ON
CAN	GENCLER	USKUDAR AMERICAN ACADEMY	ISTANBUL, TURKEY
MIREILLE	GERMAIN	COLLEGE LAVAL	LAVAL, QC
ADAM	GOSSELIN	KINGSTON C.V.I.	KINGSTON, ON
YUEYANG	GUAN	SINCLAIR S.S.	WHITBY, ON
GURU	GURUGANESH	WOBURN C.I.	SCARBOROUGH, ON
AUSTIN	HA	UPPER CANADA COLLEGE	TORONTO, ON
ADAM	HALSKI	KUWAIT ENGLISH SCHOOL	SALMIYA, KUWAIT
CLAIR	HAN	MARC GARNEAU C.I.	NORTH YORK, ON
SOLA	HAN	BALMORAL HALL SCHOOL	WINNIPEG, MB
JAMES	HARGROVE	GRENVILLE CHRISTIAN COLLEGE	BROCKVILLE, ON
MATTHEW	HARRISONTRAINO	MARC GARNEAU C.I.	NORTH YORK, ON
VINCENT	HERBERT	COLLEGE LAVAL	LAVAL, QC
DYLAN	HOARE	INNISDALE S.S.	BARRIE, ON
JENNY	HSUEH	SEAQUAM S.S.	DELTA, BC
ALAN	HUANG	ICAE	TROY, MI
VIVIAN	HUI	UNIONVILLE H.S.	MARKHAM, ON
LAILA	HULBERT	HAWTHORN SCHOOL FOR GIRLS	NORTH YORK, ON
SESONG	JANG	CROFTON HOUSE SCHOOL	VANCOUVER, BC
JENNIFER	JEON	ABBOTSFORD TRADITIONAL S.S.	ABBOTSFORD, BC
YONGSUK	JEON	LANGSTAFF S.S.	RICHMOND HILL, ON
ERIC	JIA E	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
ZHANG	JIAJUN	BEIJING CONCORD COLLEGE OF SINO-CANADA	BEIJING, CHINA
LOUIE	JIANG	WATERLOO C.I.	WATERLOO, ON
YANGZI	JIANG	WATERLOO C.I.	WATERLOO, ON
RHIANNON	JOHNS	SIR JAMES DUNN C.V.S.	SAULT STE. MARIE, ON
HEEWOO	JUN	HERITAGE WOODS S.S.	PORT MOODY, BC
GAUTAM	KAMATH	WESTDALE S.S.	HAMILTON, ON
VLADIMIR	KANEV	E.S. ST-LUC	MONTREAL, QC
PAUL	KANG	CANADIAN INT'L SCHOOL OF HONG KONG	HONG KONG
TIMOTHY	KATO	WEST VANCOUVER S.S.	WEST VANCOUVER, BC
NARAYANAN	KIDAMBI	DON MILLS C.I.	NORTH YORK, ON
DAVID	KIM	EARL HAIG S.S.	NORTH YORK, ON
JAYMIN	KIM	ROBERT BATEMAN H.S.	BURLINGTON, ON
STEPHEN	KOH	MATH TRAINERS GUILD	PHILIPPINES
ARTHI	KRISHNA	ICAE	TROY, MI
VANESSA	KUSTEC	KUPER ACADEMY	KIRKLAND, QC
SHELDON	KWOK	CRESCENT SCHOOL	NORTH YORK, ON
DANIEL	LAM	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
DANIEL	LEE	CRESCENT SCHOOL	NORTH YORK, ON
JONGWOO	LEE	QUEEN ELIZABETH REG. H.S.	FOXTRAP, NL
CHENGBO	LI	EARL HAIG S.S.	NORTH YORK, ON
DANCY	LI	FRONTENAC S.S.	KINGSTON, ON
RAN	LI	E.S. HONORE-MERCIER	MONTREAL, QC
TAN	LI	DAVID THOMPSON S.S.	VANCOUVER, BC
YAN	LI	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
YIFAN	LI	VINCENT MASSEY S.S.	WINDSOR, ON
ALEX	LIANG	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
JOHN	LIU	DON MILLS C.I.	NORTH YORK, ON
WILLIAM	LIU	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
MARK	LIVSCHITZ	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
WENJUAN	LU	VINCENT MASSEY S.S.	WINDSOR, ON
BENSON	LUNG	MARC GARNEAU C.I.	NORTH YORK, ON
BORIS	MADZAR	VINCENT MASSEY S.S.	WINDSOR, ON
MICHAEL	MALOON	WEST VANCOUVER S.S.	WEST VANCOUVER, BC
ADRIAN	MARAJ	PRESNTATION COLLEGE	TRINIDAD

Name/Nom		School/École	Location/Endroit
KIRSTEN	MARSHALL	ST. FRANCIS H.S.	CALGARY, AB
SHRAVANI	MIKKILINENI	ICAE	TROY, MI
BRIDGET	MILLS	NORTHERN S.S.	TORONTO, ON
CRISTINA	MITRIC	E.S. ST-LUC	MONTREAL, QC
MAHTAB	MODABER	YOUNG MATHEMATICIAN ASSOCIATION	TEHRAN, IRAN
HANYEH	MOHAMMADZADEH	YOUNG MATHEMATICIAN ASSOCIATION	TEHRAN, IRAN
PHILIP	MORIN	ST. FRANCIS H.S.	CALGARY, AB
AMANDA	MURDOCH	LONDON CENTRAL S.S.	LONDON, ON
SEUNG	NAM	ST. GEORGE'S SCHOOL	VANCOUVER, BC
TOBIT	NARCISO	MATH TRAINERS GUILD	PHILIPPINES
ANDREA	NG	BRANKSOME HALL SCHOOL	TORONTO, ON
KEITH	NG	ST. FRANCIS XAVIER S.S.	MISSISSAUGA, ON
THANH	NGUYEN	GLENFOREST S.S.	MISSISSAUGA, ON
WENDY	NIE	FREDERICTON H.S.	FREDERICTON, NB
JESSIE	NING	DON MILLS C.I.	NORTH YORK, ON
NAVID	NOURIAN	HENRY WISE WOOD S.H.S	CALGARY, AB
JUNTAEK	OH	ST. GEORGE'S SCHOOL	VANCOUVER, BC
STEPHANIE	OLIVEROS	MATH TRAINERS GUILD	PHILIPPINES
MAYSUM	PANJU	RICHMOND HILL H.S.	RICHMOND HILL, ON
JVANEEL	PAREKH	JERUDONG INT'L SCHOOL	BRUNEI
JASON	PARK	PORT MOODY S.S.S.	PORT MOODY, BC
DANIEL	PIAO	HENRY WISE WOOD S.H.S	CALGARY, AB
PRASHIL	PRADEEP	ICAE	TROY, MI
ALI	PUNJANI	MARC GARNEAU C.I.	NORTH YORK, ON
MIKE	QIU	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
STEVEN	ROLLER	DAVID THOMPSON S.S.	VANCOUVER, BC
ZHU	RUO YU	BEIJING CONCORD COLLEGE OF SINO-CANADA	BEIJING, CHINA
ADITYA	SATHI	ICAE	TROY, MI
CALVIN	SEO	ST. ANDREW'S COLLEGE	AURORA, ON
JUYING	SHANG	VINCENT MASSEY S.S.	WINDSOR, ON
KRITHIKA	SHANMUGASUNDAR	ICAE	TROY, MI
MICHAEL	SHANTZ	COLONEL BY S. S.	GLOUCESTER, ON
MOHAMMAD	SHARIATMADAR	YOUNG MATHEMATICIAN ASSOCIATION	TEHRAN, IRAN
CHELSEA	SHIN	YORK MILLS C.I.	NORTH YORK, ON
MATTHEW	SIGURDSON	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG, MB
JOMO VITTO	SIMBUL	MATH TRAINERS GUILD	PHILIPPINES
LENA	SONG	VICTORIA PARK C.I.	NORTH YORK, ON
NIROASHAN	SRIKUMARAN	MARC GARNEAU C.I.	NORTH YORK, ON
DONGYU	SU	HUAMEI-BOND INT'L SCHOOL	GUANGZHOU, CHINA
JOHN	SUN	LORD BYNG S.S.	VANCOUVER, BC
PEI	SUN	VINCENT MASSEY S.S.	WINDSOR, ON
QINGWEN	TANG	VINCENT MASSEY S.S.	WINDSOR, ON
DMITRI	TCHIGVINTSEV	NORTHERN S.S.	TORONTO, ON
EZRA JOY	TEMPLONUEVO	MATH TRAINERS GUILD	PHILIPPINES
RICHARD	TIAN	SIR WILLIAM MULOCK S.S.	NEWMARKET, ON
MARYAM	TORABIOSKOEI	YOUNG MATHEMATICIAN ASSOCIATION	TEHRAN, IRAN
NIKKY N	TSAI	ST. GEORGE'S SCHOOL	VANCOUVER, BC
NICOLE	VELTRI	ST. FRANCIS H.S.	CALGARY, AB
KERISH	VILLEGAS	MATH TRAINERS GUILD	PHILIPPINES
SEBASTIEN	VUONG	COLLEGE LAVAL	LAVAL, QC
CAROLINE	WAGNER	LOWER CANADA COLLEGE	MONTREAL, QC
ANNIE	WALLACE	HAVERGAL COLLEGE	NORTH YORK, ON
ANGELA	WANG	FORT RICHMOND C.I.	WINNIPEG, MB
CATHERINE	WANG	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
DAVID	WANG	FREDERICTON H.S.	FREDERICTON, NB
GUAN	WANG	SEMPIAHMOO S.S.	SURREY, BC

Name/Nom		School/École	Location/Endroit
SHAWN	WANG	WATERLOO C.I.	WATERLOO, ON
WENDY	WEN	UNIONVILLE H.S.	MARKHAM, ON
RYAN	WHITSIDE	CRESCENT SCHOOL	NORTH YORK, ON
MURRAY	WILSON	LOCKERBY COMPOSITE SCHOOL	SUDBURY, ON
CECILLIA	WONG	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
JENNIFER	WONG	MARKVILLE S.S.	MARKHAM, ON
JENNY	WONG	MARKHAM D.H.S.	MARKHAM, ON
JACK	WU	ALBERT CAMPBELL C.I.	SCARBOROUGH, ON
SHENGYI	WU	LORD TWEEDSMUIR S.S.S.	SURREY, BC
YI	WU	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
ZEXI	WU	APPLEWOOD HEIGHTS S.S.	MISSISSAUGA, ON
JACK	XIE	JARVIS C.I.	TORONTO, ON
ALEXANDER	YAHOLNITSKY	SACRED HEART H.S.	YORKTON, SK
MARK	YANG	PRINCE OF WALES C.I.	ST JOHN'S, NL
MENG JIA	YANG	FLEETWOOD PARK S.S.	SURREY, BC
TIANQING	YANG	LISGAR C.I.	OTTAWA, ON
VICK	YAO	VINCENT MASSEY S.S.	WINDSOR, ON
COREY	YEDNOROZ	VINCENT MASSEY S.S.	WINDSOR, ON
JAEWOO	YEON	CANADIAN INT'L SCHOOL	SINGAPORE
VERONICA	YEUNG	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
JOHN	YOON	FREDERICTON H.S.	FREDERICTON, NB
NAM JIN	YOON	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
ANTHONY	YU	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
LEO	YUAN	THE WOODLANDS SCHOOL	MISSISSAUGA, ON
JASON	YUNG	ST. FRANCIS XAVIER S.S.	MISSISSAUGA, ON
BEN YUAN	ZHANG	ALBERT CAMPBELL C.I.	SCARBOROUGH, ON
CHARLES	ZHANG	ICAE	TROY, MI
HANPEI	ZHANG	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
JOANNA	ZHANG	VINCENT MASSEY S.S.	WINDSOR, ON
JONATHAN	ZHANG	BURNABY SOUTH S.S.	BURNABY, BC
MILLY	ZHANG	DON MILLS C.I.	NORTH YORK, ON
MING	ZHANG	DON MILLS C.I.	NORTH YORK, ON
SHE	ZHANG	NEPEAN H.S.	OTTAWA, ON
SIMONE	ZHANG	VINCENT MASSEY S.S.	WINDSOR, ON
TERRY	ZHANG	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
VICTOR	ZHANG	MARC GARNEAU C.I.	NORTH YORK, ON
XINYANG	ZHANG	ORILLIA D.C.V.I.	ORILLIA, ON
YIRAN	ZHANG	JERUDONG INT'L SCHOOL	BRUNEI
MICHAEL	ZHOU	WESTERN CANADA H.S.	CALGARY, AB
YANG	ZHU	ALBERT CAMPBELL C.I.	SCARBOROUGH, ON
TONY	ZHUANG	VINCENT MASSEY S.S.	WINDSOR, ON

The top 25% of the competitors in each of the three Contests were divided into three categories: Gold Standard, Silver Standard and Bronze Standard, in the ratio 1 : 2 : 3. The names of those students achieving the Gold Standard (that is, scoring in roughly the top 4%) are listed alphabetically below for each Contest.

Les candidats qui se classent dans le premier quart de classement dans chacun des trois concours ont été répartis en trois catégories: le niveau or, le niveau argent et le niveau bronze, selon le ratio 1 : 2 : 3. Le nom des étudiants qui ont obtenu le niveau or (c'est-à-dire ceux qui se classent parmi les premiers 4 p. 100) est donné par ordre alphabétique ci-dessous pour chaque concours.

Name/Nom	School/École	Location/Endroit
SUNIL	AGARWAL ICAE	TROY, MI
OLEKSANDR	AKULOV LUTHER COLLEGE	REGINA, SK
PARTHIV	AMIN WESTERN CANADA H.S.	CALGARY, AB
JEFFREY	BAER ACADEMY FOR GIFTED CHILDREN-PACE	RICHMOND HILL, ON
CONNOR	BEHAN WESTDALE S.S.	HAMILTON, ON
ALVIN	BELLEZA MATH TRAINERS GUILD OF PHILLIPPINES	PHILLIPPINES
SHALEV	BEN DAVID WATERLOO C.I.	WATERLOO, ON
PERCIVAL	BUESER MATH TRAINERS GUILD OF PHILLIPPINES	PHILLIPPINES
TIANYI	CAI WATERLOO C.I.	WATERLOO, ON
MIGUEL	CARINO MATH TRAINERS GUILD OF PHILLIPPINES	PHILLIPPINES
SHELLEY	CHAN HAVERGAL COLLEGE	NORTH YORK, ON
HARRY	CHANG A.B. LUCAS S.S.	LONDON, ON
MICHELLE	CHANG UNIONVILLE H.S.	MARKHAM, ON
HAO	CHEN THE WOODLANDS SCHOOL	MISSISSAUGA, ON
JAMES	CHEN ST. GEORGE'S SCHOOL	VANCOUVER, BC
LINGJUN	CHEN DON MILLS C.I.	NORTH YORK, ON
MENGYUAN	CHEN DAVID THOMPSON S.S.	VANCOUVER, BC
YIFEI	CHEN BEIJING CONCORD COLLEGE OF SINO-CANADA	BEIJING, CHINA
ALFONSO	CHENG UPPER CANADA COLLEGE	TORONTO, ON
CHRIS	CHENG NORTH TORONTO C.I.	TORONTO, ON
MICHAEL	CHING UPPER CANADA COLLEGE	TORONTO, ON
BRANDON	CHO EARL HAIG S.S.	NORTH YORK, ON
PETER	CHOI PORT MOODY S.S.S.	PORT MOODY, BC
JEREMY	CHUA YAP MATH TRAINERS GUILD OF PHILLIPPINES	PHILLIPPINES
SEAN	CRUISE VINCENT MASSEY S.S.	WINDSOR, ON
RUO	DING SIR WILLIAM MULOCK S.S.	NEWMARKET, ON
ZHAOHUA	DING FOREST HILL C.I.	TORONTO, ON
DIMITRI	DZIABENKO DON MILLS C.I.	NORTH YORK, ON
JOHN MARK	EGIDA MATH TRAINERS GUILD OF PHILLIPPINES	PHILLIPPINES
KUN	FANG DAVID THOMPSON S.S.	VANCOUVER, BC
SHAOJIE	FU JARVIS C.I.	TORONTO, ON
ELINOR	FUNG HAVERGAL COLLEGE	NORTH YORK, ON
HUAYI	GAO THE WOODLANDS SCHOOL	MISSISSAUGA, ON
LU	GAO WESTDALE S.S.	HAMILTON, ON
VIRGIL	GARCIA MATH TRAINERS GUILD OF PHILLIPPINES	PHILLIPPINES
LAUREN	GORDON ACADEMY FOR GIFTED CHILDREN-PACE	RICHMOND HILL, ON
COLIN	GUAN ALBERT CAMPBELL C.I.	SCARBOROUGH, ON
ALAN	GUO O'NEILL C.V.I.	OSHAWA, ON
SHINE	GUO SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
RICHARD	HA PORT MOODY S.S.S.	PORT MOODY, BC
SHEEVA	HAGHIGHAT ACADEMY FOR GIFTED CHILDREN-PACE	RICHMOND HILL, ON
ROSS	HAMILTON THE YORK SCHOOL	TORONTO, ON
MARK	HARFOUCHE E.S. ETIENNE-BRULE	NORTH YORK, ON
MATTHEW	HE WESTERN CANADA H.S.	CALGARY, AB
QING	HE BEIJING CONCORD COLLEGE OF SINO-CANADA	BEIJING, CHINA
NATHAN	HOY HENRY WISE WOOD S.H.S	CALGARY, AB
DENNIS	HUANG ERIC HAMBER S.S.	VANCOUVER, BC

Name/Nom		School/École	Location/Endroit
YIHUAN	HUANG	KINGSTON C.V.I.	KINGSTON, ON
HUAN	JANG	LORD BYNG S.S.	VANCOUVER, BC
WILLIAM	JIANG	FOREST HILL C.I.	TORONTO, ON
KEN	JIN	WALTER MURRAY C.I.	SASKATOON, SK
MO	JOHNSON	ST. JOHN'S SCHOOL	VANCOUVER, BC
LEI	KANG	UPPER CANADA COLLEGE	TORONTO, ON
YI	KANG	CENTENNIAL C.V.I.	GUELPH, ON
JOE	KILEEL	FREDERICTON H.S.	FREDERICTON, NB
DAVID	KIM	SIR JOHN A. MACDONALD S.S.	WATERLOO, ON
HYOUNGSUNG	KIM	CHINESE INTERNATIONAL SCHOOL	HONG KONG
KYLE MJ	KIM	UNIONVILLE H.S.	MARKHAM, ON
MARAT	KIREEV	WESTERN CANADA H.S.	CALGARY, AB
ANDY	KONG	VINCENT MASSEY S.S.	WINDSOR, ON
ADRIAN	KWOK	UPPER CANADA COLLEGE	TORONTO, ON
IAN	KWOK	UPPER CANADA COLLEGE	TORONTO, ON
OREN	LAHAV	WESTMOUNT C.I.	THORNHILL, ON
SHAOTIAN	LAN	THE WOODLANDS SCHOOL	MISSISSAUGA, ON
JOEL	LANESMITH	WATERLOO C.I.	WATERLOO, ON
BEOMJOO	LEE	UNIONVILLE H.S.	MARKHAM, ON
CHARLIE	LEE	EARL HAIG S.S.	NORTH YORK, ON
GYUHYON	LEE	WATERLOO C.I.	WATERLOO, ON
GAIL	LI	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
KEVIN	LI	GLENFOREST S.S.	MISSISSAUGA, ON
LINHE	LI	QUEEN ELIZABETH H.S.	HALIFAX, NS
ZHE	LI	WATERLOO C.I.	WATERLOO, ON
YUWEI	LIANG	ABBEY PARK H.S.	OAKVILLE, ON
ZHE	LIANG	JOHN F. ROSS C.V.I.	GUELPH, ON
LINA	LIN	THORNHILL S.S.	THORNHILL, ON
BILL	LIU	MILLIKEN MILLS H.S.	MARKHAM, ON
JINHE	LIU	THE WOODLANDS SCHOOL	MISSISSAUGA, ON
LEAO	LIU	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
QIAN	LIU	BISHOP STRACHAN SCHOOL	TORONTO, ON
YU	LIU	WESTERN CANADA H.S.	CALGARY, AB
ZHAO	LIU	GLEBE C.I.	OTTAWA, ON
VENUS	LO	UNIONVILLE H.S.	MARKHAM, ON
SOPHIA	LU	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
ANGELA	LUO	SANDWICH S.S.	LASALLE, ON
ETHAN	MACAULAY	THE HALIFAX GRAMMAR SCHOOL	HALIFAX, NS
LISA	MAI	VINCENT MASSEY S.S.	WINDSOR, ON
CHAITANYA	MALLA	ICAE	TROY, MI
YALE	MAO	THE WOODLANDS SCHOOL	MISSISSAUGA, ON
RAMON	MARFIL	MATH TRAINERS GUILD OF PHILLIPINES	PHILLIPINES
STEVE	MELCZER	PINETREE S.S.	COQUITLAM, BC
FRANK	MENG	BURNABY SOUTH S.S.	BURNABY, BC
JEFFREY	MO	WILLIAM ABERHART H.S.	CALGARY, AB
SURESH	MOONAN	PRESENTATION COLLEGE	TRINIDAD
JASON	NG	ERIC HAMBER S.S.	VANCOUVER, BC
RICKY	NGAN	THORNHILL S.S.	THORNHILL, ON
MIHAI	NICA	WATERLOO C.I.	WATERLOO, ON
CHEN	NIE	WATERLOO C.I.	WATERLOO, ON
BONVIN	NUQUI	MATH TRAINERS GUILD OF PHILLIPINES	PHILLIPINES
JAMES	PANG	MATH TRAINERS GUILD OF PHILLIPINES	PHILLIPINES
HUNJE	PARK	UPPER CANADA COLLEGE	TORONTO, ON
SOOHOON	PARK	UPPER CANADA COLLEGE	TORONTO, ON
BERNICE	QI	EARL HAIG S.S.	NORTH YORK, ON
CINDY	QIAN	HARRY AINLAY H.S.	EDMONTON, AB

Name/Nom		School/École	Location/Endroit
XIAO	QIAO	VINCENT MASSEY S.S.	WINDSOR, ON
SIWEI	QU	DOVER BAY S.S.	NANAIMO, BC
KEVIN	QUACH	JARVIS C.I.	TORONTO, ON
ALEXANDER	REMOROV	WATERLOO C.I.	WATERLOO, ON
CHRISTINA	REN	VINCENT MASSEY S.S.	WINDSOR, ON
ZACHARY	RONG	LEASIDE H.S.	EAST YORK, ON
VINAY	SAGAR	SIR JOHN A. MACDONALD S.S.	WATERLOO, ON
ASRA	SHAIK	ICAE	TROY, MI
MARY	SHAN	DON MILLS C.I.	NORTH YORK, ON
MARY	SHEN	ALBERT CAMPBELL C.I.	SCARBOROUGH, ON
DANNY	SHI	WINDERMERE S.S.	VANCOUVER, BC
JAKE	SLACK	WESTERN CANADA H.S.	CALGARY, AB
STANLEY	SO	UNIVERSITY OF TORONTO SCHOOLS	TORONTO, ON
KALYAN	SREERAM	ICAE	TROY, MI
DULUXAN	SRITHARAN	WOBURN C.I.	SCARBOROUGH, ON
CHEN	SUN	MATH CHALLENGE AT WESTERN	LONDON, ON
JIAXI	SUN	WALTER MURRAY C.I.	SASKATOON, SK
DARREN	SY	MATH TRAINERS GUILD OF PHILLIPINES	PHILLIPINES
MARK	TAN	MATH TRAINERS GUILD OF PHILLIPINES	PHILLIPINES
STELLA	TANG	WINDERMERE S.S.	VANCOUVER, BC
OWEN	TIAN	DAVID THOMPSON S.S.	VANCOUVER, BC
MICHELLE	TING	THORNHILL S.S.	THORNHILL, ON
JEFFREY	TO	TEMPLETON S.S.	VANCOUVER, BC
ALICIA	TONG	DON MILLS C.I.	NORTH YORK, ON
JUSTIN	TONG	SIR WINSTON CHURCHILL S.S.	ST CATHARINES, ON
RONALD	TRAC	WOBURN C.I.	SCARBOROUGH, ON
JESSICA	TRUONG	MARC GARNEAU C.I.	NORTH YORK, ON
GREG	TSANG	CRESCENT SCHOOL	NORTH YORK, ON
AMY	WANG	NORTHERN S.S.	TORONTO, ON
BO	WANG	WESTERN CANADA H.S.	CALGARY, AB
DAVID	WANG	WATERLOO C.I.	WATERLOO, ON
DAVID	WANG	A.B. LUCAS S.S.	LONDON, ON
IVAN	WANG	VINCENT MASSEY S.S.	WINDSOR, ON
ROB	WANG	RIVERSIDE S.S.	PORT COQUITLAM, BC
STEVEN	WANG	WILLIAM LYON MACKENZIE C.I.	NORTH YORK, ON
WENDY	WANG	SIR JOHN A. MACDONALD S.S.	HAMILTON, ON
YIFAN	WANG	LAURA SECORD S.S.	ST CATHARINES, ON
LYNDIA	WU	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
SHIRLEY	WU	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
ANDREW	XIAO	NEPEAN H.S.	OTTAWA, ON
BOBBY	XIAO	WALTER MURRAY C.I.	SASKATOON, SK
KEVIN	XIONG	DON MILLS C.I.	NORTH YORK, ON
XIAOCHEN	YA	SEAQUAM S.S.	DELTA, BC
SEAN	YAMANA	VINCENT MASSEY S.S.	WINDSOR, ON
ANGELA	YANG	HON. W. C. KENNEDY C.I.	WINDSOR, ON
HEE SUNG	YANG	WEST VANCOUVER S.S.	WEST VANCOUVER, BC
KELSEY	ZHANG	VINCENT MASSEY S.S.	WINDSOR, ON
LINDA	ZHANG	WESTERN CANADA H.S.	CALGARY, AB
HARRY	ZHAO	DON MILLS C.I.	NORTH YORK, ON
NANCY	ZHAO	HENRY WISE WOOD S.H.S	CALGARY, AB
YI	ZHAO	THE WOODLANDS SCHOOL	MISSISSAUGA, ON
WAGO	ZHENG	SIR JOHN A. MACDONALD C.I.	SCARBOROUGH, ON
CATHERINE	ZHOU	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
VINCENT	ZHOU	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON