



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING
Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et en INFORMATIQUE
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2012
Results

2012
Résultats

Fryer Contest
(Grade 9)

Concours Fryer
(9^e année – Sec. III)

Galois Contest
(Grade 10)

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

Hypatia Contest
(Grade 11)

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

UNIVERSITY OF
WATERLOO

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Peter O'Hara, London, ON
Paul Ottaway, Thompson Rivers University, Kamloops, BC
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Overall Comments

The year 2012 marked the tenth writings of the Fryer, Galois and Hypatia Contests. The FGH Contests are designed to give students in Grades 9, 10 and 11 an additional mathematical challenge during the school year, and one that requires full written solutions. Being able to do mathematics is an important skill; being able to communicate one's findings (in mathematics or in any other field) is also very important.

We were very pleased this year to see another healthy increase in the number of participants in these Contests. In general, many students writing these Contests are doing a better job each year of writing clear solutions to the problems. That being said, there is always work that can be done to help them improve these skills. Some students reduced their scores because they gave answers rather than solutions or presented untidy or illegible solutions.

The averages on the Fryer, Galois and Hypatia Contests this year were 23.9, 24.3 and 20.2, respectively. We will continue to try to keep the averages on these papers in this range. Here are some specific comments on the problems.

Fryer Contest

1. Average: 8.9

Part (a) was very well done. Part (b) was also well done except that a few students mistakenly used the number 1008 from part (a). Parts (c) and (d) were well done expect for a few calculation errors.

2. Average: 6.0

Parts (a) and (b) were very well done. Parts (c) and (d) were well done except that justifications were sometimes too brief, unclear or non-existent.

3. Average: 5.6

Part (a) was very well done. Part (b) was done well by all who answered (a) correctly. In part (c), students needed to give clear explanations to obtain full marks. In part (d), many students obtained an answer that was off by 1 or off by 2 because of not accounting for the "endpoints" properly.

4. Average: 3.4

Part (a) was very well done. A common difficulty in part (b) was struggling with using decimal approximations for $\frac{4}{3}$ and π . Part (c) was done extremely well by a few competitors; many others received partial marks for developing solutions for some parts of this question.

Galois Contest

1. Average: 9.3

This question was well done by all students. The most common error was in part (c) where the lengths AJ and BJ were not compared before a conclusion was drawn. Many students, who appeared to be just learning trigonometry, used trigonometric ratios, the sine law or the cosine law to answer the various parts of this question.

2. Average: 8.0

This question was well done by most students. Parts (a) and (b) presented few difficulties. In part (c), most students guessed the proper combination of modified averages while some found the proper combination using one of many methods. There were also a significant number of students who used a trial and error method.

3. Average: 5.4

Part (a) was well done. Many in part (b) used the generic line $y = mx + b$ and did not reintroduce the point (2, 6). It was unfortunate as well that "6" and "b" were confused so often in the algebra. Part (c) was not done as well. Many students guessed points P and Q and got one slope (usually $m = -2$) with many other incorrect slopes. There also was the problem of incorrect answers in part (b) leading to positive slopes in part (c) which did not satisfy the conditions.

4. Average: 1.7

Many students got part (a) but then proceeded no further. A large number of students talked about the midpoint of the road rather than the student in the middle. In part (b), students gave the “middle two students” or “between the middle two students” rather than include both conditions. Most correct solutions used the answer and then argued about what happens when you move a little left/right or north/south from that position. In part (c), some tried to find the intersection of the two piecewise functions for an answer.

Hypatia Contest

1. Average: 9.1

Students had good success on this problem. The majority of errors were simply computational.

2. Average: 6.9

This question was also relatively well answered. A frequent error in part (d) was to neglect to consider the negative answer.

3. Average: 3.0

Many contestants attempted to use the side lengths and the Pythagorean theorem for this question. This worked nicely for parts (a) and (b), and lead to rather messy attempts in part (c) which did not produce correct solutions.

4. Average: 1.2

Part (a) had the most serious attempts on this question. Those who understood the definition of the sum of the positive divisors handled the question well. Two common flaws in part (b) were not realizing that m could be either greater or less than n , and not dismissing the value $p = 77$ since it is not prime. Part (c) saw very few attempts beyond getting the polynomial for $S(p^3q)$.

Please visit our website at www.cemc.uwaterloo.ca to download the 2012 Fryer, Galois and Hypatia Contests, plus full solutions.

Commentaires généraux

L'année 2012 est la dixième édition des concours Fryer, Galois et Hypatie. Les concours de FGH ont été créés pour donner aux étudiants de 9e, 10e et 11e année (sec. III, IV et V) un défi mathématique supplémentaire pendant l'année scolaire qui exige des solutions écrites complètes. Être capable de faire des mathématiques est une aptitude importante. Pouvoir communiquer ses conclusions (en mathématiques ou autres domaines) est aussi très important.

Nous sommes ravis cette année de constater une croissance du nombre de participants à ces concours. En général, plusieurs des étudiants participant à ces concours s'améliorent d'année en année en ce qui concerne écrire des solutions claires. Cependant, il y a toujours du travail à faire pour les aider à développer leurs aptitudes. Certains des étudiants ont eu des notes plus basses car ils présentaient uniquement des réponses au lieu de solutions ou des solutions non soignées ou illisibles.

Cette année, les moyennes des concours Fryer, Galois et Hypatie étaient de 23,9, 24,3 et 20,2 respectivement. Nous tenterons de continuer à conserver cette gamme pour les moyennes de ces examens. Voici quelques commentaires spécifiques sur les problèmes de ces examens.

Concours Fryer

1. Moyenne: 8,9

La partie (a) a été très bien réussie. La partie (b) a aussi été bien réussie, mais certains élèves ont utilisé le nombre 1008 de la partie (a). À l'exception de quelques erreurs de calcul, les parties (c) et (d) ont été réussies.

2. Moyenne: 6,0

Les parties (a) et (b) ont été très bien réussies. Les parties (c) et (d) ont été bien réussies, mais parfois la justification était trop brève, peu claire ou absente.

3. Moyenne: 5,6

La partie (a) a été très bien réussie. La partie (b) a été réussie par tous ceux qui ont répondu correctement à la partie (a). Dans la partie (c), il fallait donner des explications claires pour obtenir le maximum de points. Dans la partie (d), bon nombre d'élèves ont obtenu une réponse proche de la bonne réponse, ayant mal placé les nombres au début ou à la fin d'une rangée.

4. Moyenne: 3,4

La partie (a) a été très bien réussie. Dans la partie (b), bon nombre d'élèves ont éprouvé de la difficulté en utilisant des approximations décimales de $\frac{4}{3}$ et de π . Quelques élèves ont très bien réussi la partie (c); d'autres élèves ont obtenu une partie des points en résolvant avec succès une partie du problème.

Concours Galois

1. Moyenne: 9,3

Cette question a été réussie par la majorité des élèves. L'erreur la plus commune se trouvait dans la partie (c) où les élèves ne comparaient pas les longueurs AC et BC avant de tirer une conclusion. Bon nombre d'élèves, qui semblaient être des débutants en trigonométrie, ont utilisé les rapports trigonométriques, de même que la loi des sinus et la loi du cosinus pour résoudre les différentes parties de ce numéro.

2. Moyenne: 8,0

Cette question a été réussie pas la plupart des élèves. Les parties (a) et (b) ne semblaient présenter aucune difficulté. Dans la partie (c), la plupart des élèves ont deviné les combinaisons de moyennes modifiées, tandis que d'autres les ont obtenues en utilisant une variété d'approches. Un certain nombre d'élèves ont procédé par essais et erreurs.

3. Moyenne: 5,4

La partie (a) a été bien réussie. Dans la partie (b) beaucoup d'élèves ont utilisé l'équation $y = mx + b$ pour la deuxième droite, sans utiliser les coordonnées du point (2, 6) qui doivent satisfaire à l'équation. Il est triste de constater que bon nombre d'élèves confondent le nombre "6" et la variable "b" dans leur travail algébrique. La partie (c) n'a pas été aussi bien réussie. Beaucoup d'élèves ont deviné la position des points P et Q pour obtenir une pente (souvent $m = -2$) de même que d'autres pentes erronées. Des erreurs dans la partie (b) ont mené à des pentes positives dans la partie (c), ce qui ne correspondait pas aux conditions de l'énoncé.

4. Moyenne: 1,7

Beaucoup d'élèves ont réussi la partie (a) sans tenter de continuer. Un grand nombre d'élèves ont parlé du milieu (d'une rue) au lieu de l'élève placé au milieu. Dans la partie (b), des élèves ont répondu *les deux élèves au milieu* ou *entre les deux élèves au milieu* au lieu d'inclure les deux cas. La plupart des solutions correctes sont partis de la réponse et ont discuté de ce qui arrivait si on procédait un peu à droite ou à gauche (ou un peu plus haut ou un peu plus bas). Dans la partie (c), certains ont tenté de déterminer l'intersection des courbes définies par les deux ensembles d'élèves.

Concours Hypatie

1. Moyenne: 9,1

Cette question a été bien réussie. La plupart des erreurs étaient des erreurs de calcul.

2. Moyenne: 6,9

Cette question a été plutôt bien réussie. Dans la partie (d), on a souvent oublié la valeur négative.

3. Moyenne: 3,0

Beaucoup de candidats ont utilisé les longueurs des côtés des triangles et le théorème de Pythagore. Dans les parties (a) et (b), cette approche fonctionnait assez bien. Dans la partie (c), elle aboutissait à des démarches peu soignées et plutôt désastreuses.

4. Moyenne: 1,2

La partie (a) a été abordée par un bon nombre d'élèves. Ceux qui ont compris le sens de la somme des diviseurs positifs d'un nombre ont bien réussi. On a noté deux erreurs communes dans les solutions de la partie (b), soit de ne pas réaliser que m pouvait être inférieur ou supérieur à n , et de ne pas rejeter $p = 77$ car ce nombre n'est pas premier. Dans la partie (c), très peu d'élèves ont tenté d'aller au-delà du polynôme $S(p^3q)$.

Veillez visiter notre site Web à www.cemc.uwaterloo.ca pour télécharger les concours Fryer, Galois et Hypatie 2012, avec solutions complètes.

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

	Enrollment/ Inscription
NL	17
NS	178
NB	160
PE	36
QC	694
ON	7331
MB	387
SK	82
AB	573
BC	1435
YT	11
International	3864
Total	<hr/> 14768

Score/ Note	Fryer Rank/ Position	Galois Rank/ Position	Hypatia/ Hypatie Rank/ Position
40	1	1	1
39	21	5	4
38	49	13	7
37	81	18	15
36	115	28	31
35	189	48	51
34	311	99	79
33	482	197	108
32	669	361	149
31	855	619	210
30	1000	771	298
29	1150	1008	424
28	1292	1240	597
27	1451	1461	746
26	1609	1724	940
25	1758	1975	1107
24	1914	2224	1271
23	2076	2485	1455
22	2233	2757	1629
21	2354	2976	1831
20	2510	3202	1973
19	2646	3390	2147
18	2809	3560	2274
17	2941	3709	2413
16	3063	3813	2555
15	3173	3925	2721
14	3277	4008	2851
13	3383	4057	3001
12	3470	4107	3101
11	3557	4155	3250
10	3627	4180	3365
9	3682	4224	3572
8	3727	4248	3643
7	3767	4267	3682
6	3791	4279	3720
5	3808	4287	3745
4	3820	4291	3791
3	3832	4298	3807
2	3837	4304	3823
1	3847	4308	3852
0	3850	4312	3857

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 the 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
AMADEA	AASLAND	Grant Park H.S.
SINA Q	ABBASI	Richmond Hill H.S.
RUVINI	AMARASEKERA	Fraser Heights S.S.
CLYDE	ANG	Math Trainers Guild of Philippines
NATHANIEL	ANG	Math Trainers Guild of Philippines
ALEKSEI	ANGELL	Kitsilano S.S.
JACOB	ASMA	Cameron Heights C.I.
CHUN NGAI	AU	Chinese Int'l School
HAIYANG	BAI	Crescent School
SHAUMIK	BAKIMIK	ICAE
DAVID	BANG	Fraser Heights S.S.
ANKAN	BHATTACHARYA	ICAE
YANNIS	BI	ICAE
TEODOR	BLIDARU	
ADITHYA	CHAKRAVARTHY	
CHRISTABEL	CHAN	Bishop Strachan School
BENJAMIN	CHANG	Fraser Heights S.S.
ISAAC	CHAP	Chinese Int'l School
ALAN	CHEN	Seaquam S.S.
CHRISTINA	CHEN	
JEFFREY	CHEN	Vincent Massey S.S.
LU KUN	CHEN	Lord Byng S.S.
MICHAEL	CHEN	Monarch Park C.I.
RICHAN	CHEN	Sir John A. Macdonald C.I.
TONY	CHEN	North Toronto Christian School
TONY	CHEN	Riverside S.S.
LYDIA	CHENG	Havergal College
KINTON	CHEUNG	Upper Canada College
ELTON	CHO	Seaquam S.S.
YOUNG HOO	CHO	West Point Grey Academy
RONALD	CHOW	Crescent School
MATTHEW	CHUNG	William Lyon Mackenzie C.I.
IOANA	CRANT	Vincent Massey S.S.
BOB	CUI	Fraser Heights S.S.
JOHN	DANISWARA	Raffles International Christian School
MAX	DENG	The Woodlands School
GOKUL	DHARAN	Henry Wise Wood Sr. H.S
SHUO	DIAO	Earl Haig S.S.
PEIRCE	DICKSON	St. John's-Ravenscourt School
TOM	DING	White Oaks S.S.
JANE	DU	The Woodlands School
RICHARD	DU	Marc Garneau C.I.
VANESSA	DU	Marc Garneau C.I.
LEO	FENG	Vincent Massey S.S.
TONGLE	FENG	The Woodlands School
JONATHAN	FROESE	Westgate Mennonite C.I.
JERRY	GAO	ICAE

Name/Nom		School/École	Location/Endroit
YAN PENG	GAO	Forest Heights C.I.	Kitchener, ON
JAKE	GIRLING	Southridge School	Surrey, BC
ED	GU	Grandview Heights Elementary Jr. H.S.	Edmonton, AB
DANIEL	GUO	Martingrove C.I.	Etobicoke, ON
JENNIFER	GUO		North York, ON
ROBERT	HAGGITH	Sandwich S.S.	Windsor, ON
BATUHAN	HAMAMCIOGLU	American Collegiate Institute	Izmir, Turkey
LI N	HAN	Queen Elizabeth H.S.	Calgary, AB
ALI	HAYDAROLU	Upper Canada College	Toronto, ON
CLARE	HII	Little Flower Academy	Vancouver, BC
GEORGE	HO	Chinese Int'l School	Braemar Hill, Hong Kong
JACKIE	HO	Marc Garneau C.I.	North York, ON
CINDY	HUANG	Fraser Heights S.S.	Surrey, BC
JIAYIN	HUANG	Marc Garneau C.I.	North York, ON
PETER	HUANG	William Lyon Mackenzie C.I.	North York, ON
DAVID	HUR	West Vancouver S.S.	West Vancouver, BC
DUYGU	IDER	Bilkent Lab & Int'l School	Ankara, Turkey
ZHILING	JIANGNG	Shanghai World Foreign Language M.S.	Shanghai, China
STEVEN	JUNG	Bayview S.S.	Richmond Hill, ON
HANSON	KANG	West Vancouver S.S.	West Vancouver, BC
NIKITA	KAPUSTIN	Richmond Hill H.S.	Richmond Hill, ON
GEFF	KENNE NGUEO	Ecole la Voie	Montreal, QC
DONG HWAN	KIM	St. Andrew's College	Aurora, ON
MELODIE	KIM	Richmond Hill H.S.	Richmond Hill, ON
YOUNG NAM	KIM	R.E. Mountain S.S.	Langley, BC
JUNGHOO	KO	Vincent Massey S.S.	Windsor, ON
NATASHA	LAI	David Thompson S.S.	Vancouver, BC
ROYCE	LAI	Markville S.S.	Markham, ON
JEFFREY	LAMSHINCHEUNG	St. Theresa of Lisieux C.H.S.	Richmond Hill, ON
JUNHEE	LEE	Leo Hayes H.S.	Fredericton, NB
PE TER	LEE	Southridge School	Surrey, BC
HILLMAN	LEUNG	Pinetree S.S.	Coquitlam, BC
VICTOR	LEUNG	Chinese Int'l School	Braemar Hill, Hong Kong
JOHNATHAN	LEWALL	Queen Elizabeth H.S.	Calgary, AB
ALEXANDER	LI	Queen Elizabeth H.S.	Calgary, AB
MATTHEW	LI	Fraser Heights S.S.	Surrey, BC
SHERRY	LI	Pinetree S.S.	Coquitlam, BC
HER PHAY	LIM	Raffles International Christian School	Jakarta, Indonesia
THENG YANG	LIM		Subang Jaya, Malaysia
ALEX	LIU	Vincent Massey S.S.	Windsor, ON
IRIS	LIU	Bell H.S.	Nepean, ON
JIA YU	LIU	The Woodlands School	Mississauga, ON
YU JIA	LIU	Bear Creek S.S.	Barrie, ON
MAX	LIU R	Crescent School	North York, ON
IAN	LO	Crescent School	North York, ON
GEORGE	LU		North York, ON
HENRY	LU	Bayview S.S.	Richmond Hill, ON
JOANNA	LU	Emily Carr	Woodbridge, ON
SHICHEN	LU	Tom Baines School	Calgary, AB
SEAN	LUCHEN	University of Toronto Schools	Toronto, ON
BOWEN	MA	Earl Haig S.S.	North York, ON
YIXIN	MAO	Shanghai World Foreign Language M.S.	Shanghai, China
CHRIS	MATHEW	Pickering H.S.	Ajax, ON
HUGH	MCCAULEY	Crescent School	North York, ON
EMMA	MCTAVISH	St. John's-Ravenscourt School	Winnipeg, MB
CHARLES	MENG	Chinese Int'l School	Braemar Hill, Hong Kong

Name/Nom		School/École	Location/Endroit
VOLEN	MIHAYLOV	College St. Louis	Lasalle, QC
IVAN	MILOSLAVOV	College St. Louis	Lasalle, QC
NEVIN	MITAL	ICAE	Troy, MI
ADITYA	MOHAN	Colonel By S.S.	Gloucester, ON
ADAM	MURAI	Crescent School	North York, ON
KUTAY	NAZLI	American Collegiate Institute	Izmir, Turkey
ANDREW	NGUYEN	University of Toronto Schools	Toronto, ON
ANTHONY	NGUYEN	Bell H.S.	Nepean, ON
SABRINA	NGUYEN	William Lyon Mackenzie C.I.	North York, ON
JACOB	NORMAN		North York, ON
SEAN	OBRIEN	Chinese Int'l School	Braemar Hill, Hong Kong
ZACHARY	OBSNIUK	ICAE	Troy, MI
YOTA	OHASHI	Waterloo C.I.	Waterloo, ON
KEEGAN	OMAHONEY	Christian Brothers College	Cork, Ireland
CHRISTIAAN	OOSTENBRUG	All Saints C.S.S.	Whitby, ON
NICOLAS	PAETZ	Waterloo C.I.	Waterloo, ON
SKANDA	PALANI	ICAE	Troy, MI
ANIL	PALEPU	ICAE	Troy, MI
LAWRENCE	PANG		North York, ON
MICHAEL	PANG	St. John's-Ravenscourt School	Winnipeg, MB
DIMA	PARAMONOV	Marc Garneau C.I.	North York, ON
KYUYOUNG	PARK	Southridge School	Surrey, BC
GREGORY	PATCHELL	Ridgecliff M.S.	Beechville, NS
VIVIAN	PENG	The Woodlands School	Mississauga, ON
HANNAH	PHILIPS	Little Flower Academy	Vancouver, BC
AMITAN	POPE	Waterloo C.I.	Waterloo, ON
SEAN	PURCELL	Marc Garneau C.I.	North York, ON
FRIEDA	RONG	Marc Garneau C.I.	North York, ON
YUSUF	SAFADI	Abbey Park H.S.	Oakville, ON
ANMOL	SANGHA	Southpointe Academy	Delta, BC
INDRANEEL	SARKAR	Marc Garneau C.I.	North York, ON
MEGHA	SHETTY	Sir John A. Macdonald S.S.	Waterloo, ON
ELLIOT	SHI	Chinese Int'l School	Braemar Hill, Hong Kong
KYLE	SING	Academy for Gifted Children-PACE	Richmond Hill, ON
CHARLES	SUN	Lord Byng S.S.	Vancouver, BC
IAN	TAI	St. George's School	Vancouver, BC
KAZIA	TAM	Chinese Int'l School	Braemar Hill, Hong Kong
YILUN	TAN	Burnaby Central S.S.	Burnaby, BC
HANNA	TANG	Bell H.S.	Nepean, ON
ALICIA	TER CHEAM	Bell H.S.	Nepean, ON
JACKY	TIAN	Fraser Heights S.S.	Surrey, BC
REYNO	TILIKAYNEN	William Lyon Mackenzie C.I.	North York, ON
AIDAN	UCHIMARU	E.S. Etienne-Brule	North York, ON
TWESH	UPADHYAYA	Bear Creek S.S.	Barrie, ON
SEVERINUS	UTOMO		Tangerang, Indonesia
HARVEY	UY	Vancouver College H.S.	Vancouver, BC
RAPHAEL	VILLALUZ	Math Trainers Guild of Philippines	Zamboanga City, Philippines
SOREN	WAINIOTHEBERGE	Bell H.S.	Nepean, ON
JEFFREY	WAN	ICAE	Troy, MI
ANDI	WANG	Vincent Massey S.S.	Windsor, ON
FENGYANG	WANG	Sir John A. Macdonald S.S.	Waterloo, ON
SHENGJIN	WANG	Colonel By S.S.	Gloucester, ON
SHURAN	WANG	Dr. Norman Bethune C.I.	Scarborough, ON
XINYU	WANG	Don Mills C.I.	North York, ON
XUEQING	WANG	Ridley College	St Catharines, ON
EISTON	WEI	Waterloo C.I.	Waterloo, ON

Name/Nom		School/École	Location/Endroit
JACKLYNE	WENG	Leo Hayes H.S.	Fredericton, NB
TARYN	WILKIE	Queen Elizabeth H.S.	Calgary, AB
TIMOTHY	WILLARD	Timiskaming D.S.S.	New Liskeard, ON
ERLANG	WIRATAMA		Tangerang, Indonesia
JONATHAN	WONG	Bayview S.S.	Richmond Hill, ON
KA CHUN	WONG	CNEC Lau Wing Sang S.S.	Chai Wan, Hong Kong
FARRELL	WU	Math Trainers Guild of Philippines	Zamboanga City, Philippines
LILY	XIAO	William Lyon Mackenzie C.I.	North York, ON
FERRAN	XU	Walter Murray C.I.	Saskatoon, SK
HELEN	XU	ICAE	Troy, MI
BILL	XUN	Marc Garneau C.I.	North York, ON
DANNING	YANG	E.S. St. Luc	Montreal, QC
KEVIN	YANG	Tom Baines School	Calgary, AB
TONY	YAO	Northern S.S.	Toronto, ON
MATTHEW	YE	Upper Canada College	Toronto, ON
DAVID	YIN	New Westminster S.S.	New Westminster, BC
MICHAEL	YIN	Bayview S.S.	Richmond Hill, ON
DANNY	YOO	West Vancouver S.S.	West Vancouver, BC
VALERIE	ZHAN G	ICAE	Troy, MI
EDDIE	ZHANG	Bayview S.S.	Richmond Hill, ON
JOE	ZHANG	Vincent Massey S.S.	Windsor, ON
QIZHEN	ZHANG	Appleby College	Oakville, ON
YIXIAO	ZHANG	Woburn C.I.	Scarborough, ON
FREDDIE	ZHAO	ICAE	Troy, MI
STEPHEN	ZHAO	The Woodlands School	Mississauga, ON
JOHN	ZHONG	Earl Haig S.S.	North York, ON
ALICE	ZHOU	Glenforest S.S.	Mississauga, ON
DANIEL	ZHOU	Centennial Collegiate	Saskatoon, SK
RYAN	ZHOU	Earl Haig S.S.	North York, 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 the 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
JAHID	ADAM	St. George's School	Vancouver, BC
JEREMY	AMRAM	Hisar School	Istanbul, Turkey
LISA	BIAN	Waterloo C.I.	Waterloo, ON
ZHIYAN	BO	Shenzhen College of Int'l Education	Shenzhen, China
JING	CAO	Wuxi No1 H.S	Wuxi, China
YIXING	CHAI	Zhenhai H.S. of Zhejiang	Ningbo, China
MICHAEL	CHAN	Leaside H.S.	East York, ON
CHEN	CHANG	Vincent Massey S.S.	Windsor, ON
FANNY	CHEN	York Mills C.I.	North York, ON
HAO	CHEN	Zhenhai H.S. of Zhejiang	Ningbo, China
JIALIN	CHEN	Zhenhai H.S. of Zhejiang	Ningbo, China
JIANTING	CHEN	Zhenhai H.S. of Zhejiang	Ningbo, China
JESSICA	CHEN	Duchess Park S.S.	Prince George, BC
JING	CHEN	Changzhou Sr. H.S. of Jiangsu Province	Changzhou, China
XI	CHEN	Nanchang No 2 High School	Nanchang, China
YAN	CHEN	Shanghai United Int'l School	Shanghai, China
ZI KAI	CHEN	Colonel By S.S.	Gloucester, ON
YU	CHENG	Halifax West H.S.	Halifax, NS
KEVIN	CHI	Mackenzie Community School	Deep River, ON
WON BUM	CHO	St. Theresa of Lisieux C.H.S.	Richmond Hill, ON
KIERAN	COLFORD	The Abelard School	Toronto, ON
FREDERICK	CORPUZ	Math Trainers Guild of Philippines	Zamboanga City, Philippines
ELAINE	CUI		Burnaby, BC
DEANNA	DARBY BARTON	Pickering H.S.	Ajax, ON
JOHN	DAVIS	University of Toronto Schools	Toronto, ON
JACOB	DENNEE	Frontenac S.S.	Kingston, ON
ADA	DING	Bayview S.S.	Richmond Hill, ON
JIAQI	DONG	Don Mills C.I.	North York, ON
MICHELLE	DONG	The Woodlands School	Mississauga, ON
EVIN	DOYLE	Christian Brothers College	Cork, Ireland
ELNAZ	EBADI	Young Mathematician Association	Tehran, Iran
SAM	FAIRBROTHER	Royal West Academy	Montreal-Ouest, QC
QINGLAN	FAN	Zhenhai H.S. of Zhejiang	Ningbo, China
ALEXANDRU	FLOREA	Martingrove C.I.	Etobicoke, ON
TENG	GAO	Jiangsu Tianyi H.S.	Wuxi, China
KAILUN	GU	Ulink College of Suzhou Industrial Park	Suzhou, China
ZHENGYU	GU		Shanghai, China
SICHENG	GUO	Jiangsu Tianyi H.S.	Wuxi, China
YANG	GUO	Burnaby Central S.S.	Burnaby, BC
ANDREW	HAMILTON	Lower Canada College	Montreal, QC
FRANK	HAN	Earl Haig S.S.	North York, ON
YING	HAN	Appleby College	Oakville, ON
BILL	HE	New Westminster S.S.	New Westminster, BC
CHARLOTTE	HU	Dalian Maple Leaf Int'l School	Dalian, China
DANCHENG	HU	Fort Richmond C.I.	Winnipeg, MB
PETER	HU	Henry Wise Wood Sr. H.S	Calgary, AB
DEON	HUA	Dr. Norman Bethune C.I.	Scarborough, ON

Name/Nom		School/École	Location/Endroit
CHE	HUANG	Shenzhen College of Int'l Education	Shenzhen, China
CHUNCHEN	HUANG	Ulink College of Suzhou Industrial Park	Suzhou, China
DUOYANG	HUANG	Jiangsu Tianyi H.S.	Wuxi, China
GLORIA	HUANG	Southpointe Academy	Delta, BC
SIMON	HUANG	Marc Garneau C.I.	North York, ON
YING	HUANG	Zhenhai H.S. of Zhejiang	Ningbo, China
BARTU	INCE	Ozel Ege Lisesi	Bornova Izmir, Turkey
AMOS	INDRANADA	Raffles International Christian School	Jakarta, Indonesia
JACOB	JACKSON	University of Toronto Schools	Toronto, ON
XINRUI	JIA	Vincent Massey S.S.	Windsor, ON
JIAHUI	JIANG	Bayview S.S.	Richmond Hill, ON
KUO	JIANG	Ulink College of Suzhou Industrial Park	Suzhou, China
BEN	JIN	Earl Haig S.S.	North York, ON
ANDREW	KANG	St. Michael's University School	Victoria, BC
IN GUK	KANG	St. George's School	Vancouver, BC
RUPERT	KAY	St. George's School	Vancouver, BC
SADMAN	KAZI	Marc Garneau C.I.	North York, ON
STEFAN	KESELJ	Charles P Allen H.S.	Bedford, NS
CHELSEA	KIM	Abbey Park H.S.	Oakville, ON
GEUNMOK	KIM	Ancaster H.S.	Ancaster, ON
JESSICA	KIM	Martingrove C.I.	Etobicoke, ON
MINSEOK	KIM	Charles P Allen H.S.	Bedford, NS
SEUNG TAE	KIM	Raffles International Christian School	Jakarta, Indonesia
MIAD	LAGHAEI	Young Mathematician Association	Tehran, Iran
ALVIN	LAI	Bayview S.S.	Richmond Hill, ON
CHRISTOPHE	LANG	Oakville Trafalgar H.S.	Oakville, ON
WOODY	LAU	Upper Canada College	Toronto, ON
EILON	LAVI	A.B. Lucas S.S.	London, ON
SEAN	LAZARO	St. Francis Xavier S.S.	Mississauga, ON
CHANGEUN	LEE	R.E. Mountain S.S.	Langley, BC
JASON	LEE	Walnut Grove S.S.	Langley, BC
LOUIS	LEE	Pinetree S.S.	Coquitlam, BC
NICHOLAS	LEE	Sinclair S.S.	Whitby, ON
YUJIN	LEE	Abbey Park H.S.	Oakville, ON
ALEX	LEUNG	Markham District H.S.	Markham, ON
JASON	LEUNG	St. Augustine C.H.S.	Markham, ON
GUOHAO	LI	Jiangsu Tianyi H.S.	Wuxi, China
PINGDA	LI	Marc Garneau C.I.	North York, ON
RONGZHAO	LI	Waterloo C.I.	Waterloo, ON
SHUANGBING	LI	Zhenhai H.S. of Zhejiang	Ningbo, China
TONY	LI	St. George's School	Vancouver, BC
VICTOR	LI	St. John's-Ravenscourt School	Winnipeg, MB
XIZHOU	LI	Jiangsu Tianyi H.S.	Wuxi, China
ZAIXIN	LI	Shenzhen Concord College of Sino-Canada	Shenzhen, China
ZHAOLONG	LI	Shenzhen College of Int'l Education	Shenzhen, China
EDRIC	LIN	Sir John A. Macdonald S.S.	Waterloo, ON
VICTOR	LING	London Central S.S.	London, ON
CHELSEA	LIU	Abbey Park H.S.	Oakville, ON
JIAXIN	LIU	Zhenhai H.S. of Zhejiang	Ningbo, China
SIHAO	LIU	Don Mills C.I.	North York, ON
YIPEI	LO	Zhenhai H.S. of Zhejiang	Ningbo, China
LUYI	LU	Earl Haig S.S.	North York, ON
ZHAOJING	LU	Shenzhen College of Int'l Education	Shenzhen, China
GARRETT	LYONS	Glenview Park S.S.	Cambridge, ON
MONA	MANSOURY	Young Mathematician Association	Tehran, Iran
HAOMING	MENG	Zhenhai H.S. of Zhejiang	Ningbo, China

Name/Nom		School/École	Location/Endroit
TIN	MIN	Waterloo C.I.	Waterloo, ON
YANQI	NI	Zhenhai H.S. of Zhejiang	Ningbo, China
ALICE	NUZ	Vaughan S.S.	Thornhill, ON
PATRICK	PAN	Dr. Norman Bethune C.I.	Scarborough, ON
CHOHEI	PANG	Shenzhen College of Int'l Education	Shenzhen, China
DANNY	PARK	St. Michael's University School	Victoria, BC
JENNIFER	PARK	St. Michael's University School	Victoria, BC
JI WON	PARK	Canadian Int'l School	Tokyo, Japan
SANG WOO	PARK	King's Christian Collegiate	Oakville, ON
DAVID	PAYETTE	Centennial Reg. H.S.	Greenfield Park, QC
JERR Y	PENG	Bayview S.S.	Richmond Hill, ON
JONATHAN	PRADIPTA S		Tangerang, Indonesia
LI	QIAN	Jiangsu Tianyi H.S.	Wuxi, China
BEN	QIU	Pickering College	Newmarket, ON
ZHONGYU	QUAN	Newmarket H.S.	Newmarket, ON
STEVE N	SANTOLI	Sherwood S.S.	Hamilton, ON
XIAOZHOU	SHEN	Zhenhai H.S. of Zhejiang	Ningbo, China
RUNJIE	SHI	Shanghai United Int'l School	Shanghai, China
JUNGHYEON	SHIN	Raffles International Christian School	Jakarta, Indonesia
APURVA	SHRIVASTAVA	ICAE	Troy, MI
DESMOND	SISSON	Western Canada H.S.	Calgary, AB
SITIAN	SNEN	Zhenhai H.S. of Zhejiang	Ningbo, China
JOHNNY	SONG	Nanchang No 2 High School	Nanchang, China
SAMUEL	SONG		Tenafly, NJ
MATTHEW	ST DENIS	Vincent Massey S.S.	Windsor, ON
MINKANG	SUK	Martingrove C.I.	Etobicoke, ON
QINCHEN	SUN	Zhenhai H.S. of Zhejiang	Ningbo, China
NICHOLAS	SUSANTO		Tangerang, Indonesia
ANDREW	SY	Math Trainers Guild of Philippines	Zamboanga City, Philippines
SERENA	SZE	Earl Haig S.S.	North York, ON
LEI	TAN	Beijing Concord College of Sino-Canada	Beijing, China
SIMON	TANG	Vincent Massey S.S.	Windsor, ON
ZIJIE	TANG	Ulink College of Suzhou Industrial Park	Suzhou, China
TIERNEY	THOMAS	Christian Brothers College	Cork, Ireland
FENGWEI	TIAN	Western Canada H.S.	Calgary, AB
BRANDON	TONG	David Thompson S.S.	Vancouver, BC
	TUNCBILEK	Istanbul Ataturk Science H.S.	Istanbul, Turkey
CHARLOTTE	VALENTINE	Chinese Int'l School	Braemar Hill, Hong Kong
CLEMENT	WAN	University of Toronto Schools	Toronto, ON
DAVID	WANG	Marc Garneau C.I.	North York, ON
LUCY	WANG	Sir John A. Macdonald C.I.	Scarborough, ON
MASSIE	WANG	Fraser Heights S.S.	Surrey, BC
KYE	WEI	Marc Garneau C.I.	North York, ON
HARRISON	WINCH	Marc Garneau C.I.	North York, ON
CHRIS	WIRIAWAN		Tangerang, Indonesia
BRODY	WONG	Southridge School	Surrey, BC
ELLEN	WU	Earl Haig S.S.	North York, ON
FEI	WU	Upper Canada College	Toronto, ON
SAMUEL	WU	Northern S.S.	Toronto, ON
XIAOZE	WU	Marc Garneau C.I.	North York, ON
LOUISE	XIA	University of Toronto Schools	Toronto, ON
ALAN	XU	ICAE	Troy, MI
CALVIN	XU	Vancouver Technical S.S.	Vancouver, BC
JINGYANG	XU	Zhenhai H.S. of Zhejiang	Ningbo, China
JUDY	XU	Branksome Hall	Toronto, ON
KAIY AN	XU	Beijing Concord College of Sino-Canada	Beijing, China

Name/Nom		School/École	Location/Endroit
STEPHEN	XU	Bell H.S.	Nepean, ON
MARYAM	YAHYAVI	Young Mathematician Association	Tehran, Iran
GUYAN	YANG	Zhenhai H.S. of Zhejiang	Ningbo, China
HOJUN	YANG		Coquitlam, BC
JING	YANG	Shenzhen College of Int'l Education	Shenzhen, China
MICHAEL	YANG	Dr. Norman Bethune C.I.	Scarborough, ON
TING	YANG	Shanghai United Int'l School	Shanghai, China
ZIQI	YE	Ulink College of Suzhou Industrial Park	Suzhou, China
BRIAN	YEUNG	Bayview S.S.	Richmond Hill, ON
CHIN HONG	YICK	Diocesan Boys School	Kowloon, Hong Kong
ANNE	YIN	Royal West Academy	Montreal-Ouest, QC
JEFFREY	YING	The Woodlands School	Mississauga, ON
GUO	YU	Beijing Concord College of Sino-Canada	Beijing, China
WEI	YU	Zhenhai H.S. of Zhejiang	Ningbo, China
XIAOXUAN	YU	Walter Murray C.I.	Saskatoon, SK
WANG	YUXIAN	Zhenhai H.S. of Zhejiang	Ningbo, China
CHENG	ZENG	Jiangsu Tianyi H.S.	Wuxi, China
YUANWEI	ZENG	Shenzhen Concord College of Sino-Canada	Shenzhen, China
HUANG	ZEYUAN	Zhenhai H.S. of Zhejiang	Ningbo, China
BOB	ZHANG	Eric Hamber S.S.	Vancouver, BC
FULLCHEE	ZHANG	Leaside H.S.	East York, ON
JIM	ZHANG	Waterloo C.I.	Waterloo, ON
RUBY	ZHANG	University of Toronto Schools	Toronto, ON
WENYANG	ZHANG	Jiangsu Tianyi H.S.	Wuxi, China
ZEHUA	ZHANG	Shenzhen College of Int'l Education	Shenzhen, China
ZENGYI	ZHANG	Ulink College of Suzhou Industrial Park	Suzhou, China
JIPENG	ZHAO	Zhenhai H.S. of Zhejiang	Ningbo, China
SHILONG	ZHAO	Shenzhen College of Int'l Education	Shenzhen, China
YANHONG	ZHAO	Shenzhen College of Int'l Education	Shenzhen, China
YING	ZHAO	Southpointe Academy	Delta, BC
DAVID	ZHENG	New Westminster S.S.	New Westminster, BC
ECHO	ZHENG	Branksome Hall	Toronto, ON
AMELIA	ZHOU	Marc Garneau C.I.	North York, ON
JOHN	ZHOU	University of Toronto Schools	Toronto, ON
JAMESON	ZHU	Windermere S.S.	Vancouver, BC
YUEJIA	ZHU	Shenzhen College of Int'l Education	Shenzhen, China
CHARLES	ZINN	Waterloo C.I.	Waterloo, ON
TONY	ZOU	Bell H.S.	Nepean, ON

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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
ANAS	AHMED	Vincent Massey S.S.	Windsor, ON
HALEH	BAHADORINEJAD	Sunway International School	Selangor, Malaysia
ALJAN	BALBUENA	Math Trainers Guild of Philippines	Zamboanga City, Philippines
SAI	BASKAR	R.N. Podar School	Mumbai, India
ROHIT	BHADANGE	ICAE	Troy, MI
YUAN	BIAN	Huron Heights S.S.	Kitchener, ON
YIZHEN	BIE	Shenzhen College of Int'l Education	Shenzhen, China
SHUBHANKAR	BORSE	R.N. Podar School	Mumbai, India
THOMAS	BROADLEY	University of Toronto Schools	Toronto, ON
JEET	CHAKRABARTY	The Woodlands School	Mississauga, ON
BEINI	CHEN	Shanghai United Int'l School	Shanghai, China
CLAUDIA	CHEN	University of Toronto Schools	Toronto, ON
EMILEE	CHEN	Southridge School	Surrey, BC
JEAN	CHEN	Fraser Heights S.S.	Surrey, BC
LETIANN	CHEN	Vincent Massey S.S.	Windsor, ON
LINGFENG	CHEN	Wuxi No1 H.S	Wuxi, China
MANYI	CHEN	WHBC of Wuhan Foreign Language School	Wuhan, China
SOPHIE	CHEN	Dr. Norman Bethune C.I.	Scarborough, ON
YONGJIANG	CHEN	Northern S.S.	Toronto, ON
ZIZHEN	CHEN	Shenzhen College of Int'l Education	Shenzhen, China
CHUN YIN	CHENG	Munsang College	Kowloon, Hong Kong
GEORGE	CHENG	University of Toronto Schools	Toronto, ON
KWAN LOK	CHENG	Munsang College	Kowloon, Hong Kong
JONATHAN	CHEUNG	Vancouver College H.S.	Vancouver, BC
ISABELLA	CHIU	University of Toronto Schools	Toronto, ON
CHING HSI	CHOU	King's-Edgell School	Windsor, NS
KEVIN	CHRISTIAN		Tangerang, Indonesia
AUSTIN	CHUA	Math Trainers Guild of Philippines	Zamboanga City, Philippines
MICHAEL	DENG	Western Canada H.S.	Calgary, AB
SIJIA	DING	Jiangsu Tianyi H.S.	Wuxi, China
SU YU	DING	Ecole Int'l de Montreal	Westmount, QC
PHILIP	DUNCAN	Danforth C.T.I.	Toronto, ON
JASON	FAN	Bayview S.S.	Richmond Hill, ON
JIAHUI	FAN	St. Robert C.H.S.	Thornhill, ON
QINGJIN	FAN	Bishop Strachan School	Toronto, ON
GUANHUA	FANG	Zhenhai H.S. of Zhejiang	Ningbo, China
ARMIN	FARAHVASH	North Toronto C.I.	Toronto, ON
XIAOWEN	FENG N	Wuxi No1 H.S	Wuxi, China
HANNAH	FUNG	University of Toronto Schools	Toronto, ON
HANYANG	GAO	Vancouver College H.S.	Vancouver, BC
QIAOYU	GAO	Langstaff S.S.	Richmond Hill, ON
YI	GAO	Zhenhai H.S. of Zhejiang	Ningbo, China
YUCHEN	GAO	Shenzhen College of Int'l Education	Shenzhen, China
AKHIL	GARG	Lisgar C.I.	Ottawa, ON
SHREY	GARG	R.N. Podar School	Mumbai, India
ALEXANDRU	GATEA	Waterloo C.I.	Waterloo, ON
GE	GE	Zhenhai H.S. of Zhejiang	Ningbo, China

Name/Nom		School/École	Location/Endroit
SABRINA	GE	University of Toronto Schools	Toronto, ON
QINYI	GENG	West Vancouver S.S.	West Vancouver, BC
RYAN	GOTESMAN	William Lyon Mackenzie C.I.	North York, ON
ETHAN	GREIG	Westdale S.S.	Hamilton, ON
BAILEY	GU	Lisgar C.I.	Ottawa, ON
MENGJIA	GU	Wuxi No1 H.S	Wuxi, China
DELING	HAN	Beijing Concord College of Sino-Canada	Beijing, China
XUAN	HAN	Lo-Ellen Park S.S.	Sudbury, ON
JEFFREY	HO	Pinetree S.S.	Coquitlam, BC
JIYOUN	HONG	St. John's-Ravenscourt School	Winnipeg, MB
YIHNING	HSIAO	Northern S.S.	Toronto, ON
YU CHUAN P	HSU	Pinetree S.S.	Coquitlam, BC
HANN	HU NG		Vancouver, BC
CHARLIE	HUANG	Vaughan Road Academy	York, ON
WINA	HUANG	Crofton House School	Vancouver, BC
YIXIN	HUANG	Shenzhen College of Int'l Education	Shenzhen, China
LIM	HYUN SUK	University of Toronto Schools	Toronto, ON
NOOPUR	JAIN	R.N. Podar School	Mumbai, India
ALYF	JANMOHAMED	Upper Canada College	Toronto, ON
JUSTIN	JEONG	A.B. Lucas S.S.	London, ON
HYEONSHIK	JI	Appleby College	Oakville, ON
ZHUNENG	JIANG	Jiangsu Tianyi H.S.	Wuxi, China
YIDUO	JING	Wuxi No1 H.S	Wuxi, China
YOUNGHWAN	JUNG	The Woodlands School	Mississauga, ON
JU HEE	KANG	Kitsilano S.S.	Vancouver, BC
EDBERT	KHONG	Pickering H.S.	Ajax, ON
ENOCH	KIM	Crescent School	North York, ON
JANET	KIM	Richmond Hill H.S.	Richmond Hill, ON
KUN	KIM	St. George's School	Vancouver, BC
SUBIN	KIM	Kennebecasis Valley H.S.	Rothsay, NB
ANGUS	KONG	Vincent Massey S.S.	Windsor, ON
STEVEN	KONG	Royal West Academy	Montreal-Ouest, QC
FREDRIC	LAM	Centennial Reg. H.S.	Greenfield Park, QC
HAO YUE	LAN	Unionville H.S.	Markham, ON
MA CZARINA	LAO	Math Trainers Guild of Philippines	Zamboanga City, Philippines
JOSHUA	LAU	Bayview S.S.	Richmond Hill, ON
CORNELL	LEE	Pinetree S.S.	Coquitlam, BC
FRED	LEE		Coquitlam, BC
HONGHYUN	LEE	Eric Hamber S.S.	Vancouver, BC
KIBEOM	LEE	Fort Richmond C.I.	Winnipeg, MB
THOMAS	LEE	Richmond Hill H.S.	Richmond Hill, ON
GORDON	LI	Lord Byng S.S.	Vancouver, BC
HANTAO	LI	Shenzhen College of Int'l Education	Shenzhen, China
JIMING	LI	St. George's School	Vancouver, BC
RUIXUE	LI	Jasper Place School	Edmonton, AB
THOMAS	LI	Chinese Int'l School	Braemar Hill, Hong Kong
TIANYUE	LI	Jiangsu Tianyi H.S.	Wuxi, China
WEIJIA	LI	West Vancouver S.S.	West Vancouver, BC
YANJIE	LI	Southpointe Academy	Delta, BC
ZHIHENG	LI	Shenzhen College of Int'l Education	Shenzhen, China
ZI YAN	LI	St. George's School	Vancouver, BC
ZHIJING	LIAO	WHBC of Wuhan Foreign Language School	Wuhan, China
SANGWON	LIM	Canadian Int'l School	Tokyo, Japan
VANESSA	LIN	Bayview S.S.	Richmond Hill, ON
CHUN YIN	LIU	Munsang College	Kowloon, Hong Kong
SHAWN	LIU	Vincent Massey S.S.	Windsor, ON

Name/Nom		School/École	Location/Endroit
THOMSON	LOONG	Chinese Int'l School	Braemar Hill, Hong Kong
ENTONG	LU	Shenzhen M.S.	Shenzhen, China
THOMAS	LU	Markham District H.S.	Markham, ON
TONY	LU	Don Mills C.I.	North York, ON
ANGELA	MA	University of Toronto Schools	Toronto, ON
CHANUKYA	MALLA	ICAE	Troy, MI
VISHNU	MAMBAKKAM	Vincent Massey S.S.	Windsor, ON
HEE JOO	NAM	Western Canada H.S.	Calgary, AB
JING	NIE	Shenzhen M.S.	Shenzhen, China
AKHIL	NISTALA	ICAE	Troy, MI
XIAO	NIU	E.S. St. Luc	Montreal, QC
JOSHUA	O MAHONY	Christian Brothers College	Cork, Ireland
DI	OUYANG	Shenzhen M.S.	Shenzhen, China
LIAM	PALMER	Walkerville C.I.	Windsor, ON
LUCAS	PALMER	Walkerville C.I.	Windsor, ON
SOJUNG	PARK	King's Christian Collegiate	Oakville, ON
XIANWEN	PENG	Guangdong Country Garden School	Foshan City, China
MICHELLE	POKRASS	Richmond Hill H.S.	Richmond Hill, ON
RAGHAV	PRABHU	ICAE	Troy, MI
ZIGAN	QIAN	Wuxi No1 H.S	Wuxi, China
BOBBY	QIU	Don Mills C.I.	North York, ON
BRYAN	QIU	Richmond Hill H.S.	Richmond Hill, ON
MITHUNAN	RAVINDRAN	University of Toronto Schools	Toronto, ON
REINE	REYNOSO	Math Trainers Guild of Philippines	Zamboanga City, Philippines
ZHANG	RUN YU		North York, ON
NENSI	RUZGAR	Northern S.S.	Toronto, ON
NIMA	SAFFARIAN	Sunway International School	Selangor, Malaysia
SEYED KAMY	SEYED GHASEMIP	Earl Haig S.S.	North York, ON
ADRIAN	SHE	David Thompson S.S.	Vancouver, BC
ZHENGYUAN	SHEN	Wuxi No1 H.S	Wuxi, China
BOYANG	SHI	Jiangsu Tianyi H.S.	Wuxi, China
FEIFAN	SHI	Zhenhai H.S. of Zhejiang	Ningbo, China
WEND Y	SHIN	Bayview S.S.	Richmond Hill, ON
ALLAN	SONG	John Fraser S.S.	Mississauga, ON
DANIEL	SPIVAK	Bayview S.S.	Richmond Hill, ON
ADITYA	SRIDHAR	R.N. Podar School	Mumbai, India
KAI	SUN		London, ON
SHUN DA	SUO		North York, ON
JOSHUA	TAGUINOD	Math Trainers Guild of Philippines	Zamboanga City, Philippines
HELEN	TANG	Marc Garneau C.I.	North York, ON
JOHNNY	TANG	Markham District H.S.	Markham, ON
MU	TANG	Lord Byng S.S.	Vancouver, BC
EDWARD	TSAI	Vincent Massey S.S.	Windsor, ON
MING HIM	TSUI	Munsang College	Kowloon, Hong Kong
JAMES	TU	York Mills C.I.	North York, ON
DAN	URSU	Vincent Massey S.S.	Windsor, ON
BLAKE	VANBERLO	St. Thomas Aquinas S.S.	London, ON
CHRIS	WAN	Chinese Int'l School	Braemar Hill, Hong Kong
ALLEN	WANG	Bayview S.S.	Richmond Hill, ON
JIANAN	WANG	Vincent Massey S.S.	Windsor, ON
SUNNY	WANG	Bell H.S.	Nepean, ON
ZEYU	WANG	Sir John A. Macdonald C.I.	Scarborough, ON
HUALING	WEI	Shenzhen Concord College of Sino-Canada	Shenzhen, China
YUANHAO O	WEI	Earl of March S.S.	Kanata, ON
JONATHAN M	WOENARDI		Tangerang, Indonesia
MEI TING	WONG	CNEC Lau Wing Sang S.S.	Chai Wan, Hong Kong

Name/Nom		School/École	Location/Endroit
HENRY	WU	University of Toronto Schools	Toronto, ON
JEREMY	WU	Upper Canada College	Toronto, ON
JIA LIN	WU	Ulink College of Suzhou Industrial Park	Suzhou, China
MILES	WU	Sir John A. Macdonald C.I.	Scarborough, ON
PEIYANG	WU	West Vancouver S.S.	West Vancouver, BC
TONY	WU	Dr. Norman Bethune C.I.	Scarborough, ON
YIDONG	WU	Ridley College	St Catharines, ON
KEVIN	XIAO	Glenforest S.S.	Mississauga, ON
CHEN	XIE	Vincent Massey S.S.	Windsor, ON
LIWEN	XIE	Shanghai World Foreign Language M.S.	Shanghai, China
PETER	XIE	Don Mills C.I.	North York, ON
CARLOS	XU	St. George's School	Vancouver, BC
DENNIS	XU	Abbey Park H.S.	Oakville, ON
NATHANIEL	XU	Earl Haig S.S.	North York, ON
SHANSHAN	XU	Fraser Heights S.S.	Surrey, BC
SHIKAI	YAN	Zhenhai H.S. of Zhejiang	Ningbo, China
CHENYAO	YANG	Shenzhen Concord College of Sino-Canada	Shenzhen, China
JING BO	YANG	John Fraser S.S.	Mississauga, ON
JOHN	YANG	Seaquam S.S.	Delta, BC
MINGHAN	YANG	Dalian Maple Leaf Int'l School	Dalian, China
YOUNG	YANG	Fraser Heights S.S.	Surrey, BC
HUIZI	YE	Southpointe Academy	Delta, BC
SIYANG	YE	Jiangsu Tianyi H.S.	Wuxi, China
TING WEN	YIN	Vincent Massey S.S.	Windsor, ON
TONY	YIN	Agincourt C.I.	Scarborough, ON
LESLIE	YING	University of Toronto Schools	Toronto, ON
TED	YING	The Woodlands School	Mississauga, ON
SAMANTHA	YIP	Havergal College	North York, ON
CHENYU	YOU	Wuxi No1 H.S.	Wuxi, China
HAO	YU	Fieldstone Day School	North York, ON
ALEXANDER	YUAN	Western Canada H.S.	Calgary, AB
XIAO	YUAN	Western Canada H.S.	Calgary, AB
REENA	ZHAN	University of Toronto Schools	Toronto, ON
DAVID	ZHANG	Earl Haig S.S.	North York, ON
FAN	ZHANG	Lisgar C.I.	Ottawa, ON
SHUMAN	ZHANG	Shenzhen M.S.	Shenzhen, China
STEVEN	ZHANG	West Vancouver S.S.	West Vancouver, BC
WEIWEIBING	ZHANG	Vincent Massey S.S.	Windsor, ON
XING YE	ZHANG	Pinetree S.S.	Coquitlam, BC
YIWEN	ZHANG	Crofton House School	Vancouver, BC
YUANDI	ZHANG	Fredericton H.S.	Fredericton, NB
WENXI	ZHAO	Sir John A. Macdonald C.I.	Scarborough, ON
HONG	ZHENG	Shenzhen Concord College of Sino-Canada	Shenzhen, China
GRACE	ZHONG	Bayview S.S.	Richmond Hill, ON
EDWARD	ZHOU	Bayview S.S.	Richmond Hill, ON
HELEN	ZHOU	ICAE	Troy, MI
JOEY	ZHOU	Sir John A. Macdonald C.I.	Scarborough, ON
WUHAN	ZHOU	Vincent Massey S.S.	Windsor, ON
ANTONIA	ZHU	St. John's-Ravenscourt School	Winnipeg, MB
YURONG	ZHU	Sentinel S.S.	West Vancouver, BC