

The CENTRE for EDUCATION in MATHEMATICS and COMPUTING Le CENTRE d'ÉDUCATION

en MATHÉMATIQUES et en INFORMATIQUE

www.cemc.uwaterloo.ca

2013 2013

Results Résultats

 $egin{array}{ll} Pascal \ Contest \ (Grade \ 9) \end{array} & egin{array}{ll} Concours \ Pascal \ (9^e \ ann\'ee \ - \ Sec. \ III) \end{array}$

 $Cayley\ Contest$ Concours Cayley
(10° année – Sec. IV)

Fermat Contest Concours Fermat

(11^e année – Sec. V) (Grade 11)

UNIVERSITY OF WATERLOO

Deloitte.

Centre for Education in Mathematics and Computing Faculty and Staff / Personnel du Concours canadien de mathématiques

Ed Anderson

Jeff Anderson

Terry Bae

Steve Brown

Ersal Cahit

Alison Cornthwaite

Serge D'Alessio

Frank DeMaio

Jennifer Doucet

Fiona Dunbar

Mike Eden

Barry Ferguson

Barb Forrest

Judy Fox

Steve Furino

John Galbraith

Sandy Graham

Angie Hildebrand

Judith Koeller

Joanne Kursikowski

Bev Marshman

Dean Murray

Jen Nissen

J.P. Pretti

Linda Schmidt

Kim Schnarr

Jim Schurter

Carolyn Sedore

Ian VanderBurgh

Troy Vasiga

Problems Committees / Comités des problèmes

Pascal Contest / Concours Pascal

Wally Webster (Chair / président), Dashwood, ON Lloyd Auckland, St. Thomas, ON Janet Christ, Walter Murray C.I., Saskatoon, SK J.P. Pretti, University of Waterloo, Waterloo, ON Jim Schurter, University of Waterloo, Waterloo, ON Tyler Somer, Kitchener, ON Anna Spanik, Halifax Regional School Board, Halifax, NS Aaron Warner, St. Mildred's-Lightbourn School, Oakville, ON

Cayley Contest / Concours Cayley

Jen Nelson (Chair / présidente), University of Waterloo, Waterloo, ON
Jeff Anderson, University of Waterloo, Waterloo, ON
Tom Barker, Stratford, ON
Barry Ferguson, University of Waterloo, Waterloo, ON
Steve Furino, University of Waterloo, Waterloo, ON
Christopher Ing, Vincent Massey S.S., Windsor, ON
Michelle Vidberg, Galt C.I., Cambridge, ON

Fermat Contest / Concours Fermat

Paul Fennell (Chair / président), London, ON Sandra DellaMaestra, University of Toronto Schools, Toronto, ON Steve Lau, John Diefenbaker S.S., Hanover, ON Cliff Lelievre, Oakville, ON Carol Miron, Albert Campbell C.I., Toronto, ON Dan Schnabel, Thornhill, ON David Shepherd, Ravenna, ON Foreword Avant-Propos

Our congratulations go to all who participated in this year's Pascal, Cayley and Fermat Contests. This year's Contests were resounding successes, with averages of 97.0, 91.8 and 90.0 across the three Contests. The number of eligible contestants with perfect papers on the three Contests were 68, 2 and 9.

As always, we would like to thank the hard-working Problems Committees. Most of the members of these Committees are active secondary school teachers from across Canada who volunteers their time and contribute dozens of hours of expertise. Without their intriguing and sometimes amusing problems, these Contests would not be possible.

We would also like to thank all participants, both teachers and students. We hope that the papers provided you with some interesting mathematics to think about and play with. Thank you for your support! Please continue to encourage your colleagues and fellow students to become involved in our activities.

Nos félicitations vont à tous les participants du Concours Pascal, Cayley et Fermat de cette année. Les Concours de cette année retentissaient de succès, avec des moyennes de 97,0, 91,8 et 90,0 à travers les trois Concours. Le nombre de candidats eligibles possédant un concours parfait était de 68, 2 et 9.

Nous aimerions surtout remercier les Comités de problèmes pour leur dur travail. La plupart des membres de ces Comités sont des enseignant(e)s d'école secondaire actifs d'un bout à l'autre du Canada qui offre leur temps et contribuent des douzaines d'heures d'expertise. Sans leurs problèmes perspicaces et amusants, ces Concours ne seraient pas possibles.

Nous aimerions remercier aussi tous les participants incluant les enseignants et les étudiants. Nous espérons que les concours vous ont offert des mathématiques intéressantes qui vous ont amusées et portées à réfléchir. Merci pour votre soutien continué!

Enrollment Inscription

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

| | Pascal | Cayley | Fermat |
|---------------|--------|--------|--------|
| AB | 82 | 40 | 37 |
| BC | 192 | 183 | 191 |
| MB | 52 | 44 | 43 |
| NB | 37 | 36 | 36 |
| NL | 46 | 41 | 40 |
| NS | 41 | 29 | 29 |
| NU | 1 | 1 | 0 |
| ON | 519 | 502 | 488 |
| PE | 6 | 6 | 5 |
| QC | 102 | 99 | 101 |
| SK | 23 | 22 | 24 |
| YT | 1 | 1 | 1 |
| International | 127 | 137 | 123 |
| | | | |
| Total | 1229 | 1141 | 1118 |

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

| | Pascal | Cayley | Fermat |
|---------------|--------|--------|--------|
| AB | 2158 | 891 | 653 |
| BC | 4750 | 3883 | 3346 |
| MB | 1248 | 904 | 733 |
| NB | 539 | 491 | 400 |
| NL | 825 | 594 | 506 |
| NS | 959 | 685 | 466 |
| NU | 4 | 4 | 0 |
| ON | 9438 | 8222 | 6960 |
| PE | 111 | 56 | 80 |
| QC | 2518 | 2363 | 1970 |
| SK | 584 | 363 | 310 |
| YT | 3 | 3 | 8 |
| International | 3520 | 3303 | 2739 |
| | | | |
| Total | 26657 | 21762 | 18171 |

Total number of students enrolled / Nombre d'inscriptions individuelles: 66590

Champions-2013

2013 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2013

PASCAL CONTEST / CONCOURS PASCAL

STUDENTS /ÉLÈVES

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

| Gold Medals | School | Location | Grade |
|------------------|-------------------------------|-----------------|--------|
| Médailles d'or | École | Endroit | Niveau |
| ARDEN BARNETT | Brockville C.I. | Brockville | 8 |
| YINGJIE BI | Sentinel S.S. | West Vancouver | 9 |
| PATRICK BOWEN | Dr. John Hugh Gillis School | Antigonish | 9 |
| RICHARD CAO | Walter Murray C.I. | Saskatoon | 9 |
| JOON CHA | Earl of March S.S. | Kanata | 9 |
| DARREN CHAN | | North York | 9 |
| MORRIS CHEN | Marc Garneau C.I. | North York | 9 |
| SAMUEL COOKSON | Kennebecasis Valley H.S. | Rothesay | 9 |
| KARL LIZHE CUI | Sir Winston Churchill S.S. | Vancouver | 9 |
| YOYO DING | Prince of Wales S.S. | Vancouver | 9 |
| HARRY DONG | University of Toronto Schools | Toronto | 8 |
| SENBO FAN | A.N. Myer S.S. | Niagara Falls | 9 |
| ZIYI FENG | St. Michael's Univ. School | Victoria | 9 |
| SWAGAT GHIMIRE | Merivale H.S. | Nepean | 9 |
| GEORGE GONG | John Ware Jr. H.S. | Calgary | 9 |
| STEVEN GONG | New Westminster S.S. | New Westminster | 9 |
| ALEX GREEN | Maxwell Heights S.S. | Oshawa | 9 |
| ANDREW HO | Vernon Barford School | Edmonton | 9 |
| ZEKE HORSLEY | Centre Dufferin D.H.S. | Shelburne | 9 |
| XUFEI HUANG | Branksome Hall | Toronto | 9 |
| OSMAN HUNG | Glenforest S.S. | Mississauga | 9 |
| FRANK JIANG | West Point Grey Academy | Vancouver | 9 |
| PAUL JIANG | Argyle S.S. | North Vancouver | 8 |
| LUCY JING | | North York | 9 |
| RICHARD KANG | John Ware Jr. H.S. | Calgary | 8 |
| DANIEL KHOSHNOOD | Pickering H.S. | Ajax | 9 |
| DOHYUN KIM | R.E. Mountain S.S. | Langley | 9 |
| JASON KIM | Port Moody Sr. S.S. | Port Moody | 9 |
| SRIKAR KOVVALI | William Lyon Mackenzie C.I. | North York | 9 |
| KYU HO LEE | Pinetree S.S. | Coquitlam | 9 |
| YEONJU LEE | Argyle S.S. | North Vancouver | 9 |
| MATTHEW LEIGHTON | Kitsilano S.S. (English) | Vancouver | 9 |
| RICHARD LI | John Ware Jr. H.S. | Calgary | 9 |
| GEORGE LIM | William Lyon Mackenzie C.I. | North York | 9 |
| HENRY LIU | Pinetree S.S. | Coquitlam | 9 |
| JAMES LIU | Burnaby North S.S. | Burnaby | 9 |
| JASON LIU | Dolphin Sr. P.S. | Mississauga | 8 |
| STEPHEN LIU | | Scarborough | 9 |
| ANDY MA | Queen Elizabeth H.S. | Calgary | 9 |
| REID MCINROY | Richview C.I. | Etobicoke | 9 |

Champions-2013

2013 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2013

PASCAL CONTEST / CONCOURS PASCAL

STUDENTS /ÉLÈVES

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

| Gold Medals | School | Location | Grade |
|-----------------|--------------------------------|-------------|--------|
| Médailles d'or | École | Endroit | Niveau |
| EMMA MCLEAN | Sacred Heart Girls School-Hali | Halifax | 9 |
| HERMISH MEHTA | Glenforest S.S. | Mississauga | 8 |
| EMILY MOYER | London South C.I. | London | 9 |
| JASON PU | Michael Power-St Joseph | Etobicoke | 9 |
| ALEX RUTAR | Tempo School | Edmonton | 9 |
| SIR UI SHEN | Appleby College | Oakville | 9 |
| DENNIS SITU | Vernon Barford School | Edmonton | 9 |
| TERRY SO | Thornhill S.S. | Thornhill | 9 |
| GREGORY SOH | Thornhill S.S. | Thornhill | 9 |
| ERIC SONG | William Lyon Mackenzie C.I. | North York | 9 |
| JAMIE ST MARTIN | West Point Grey Academy | Vancouver | 9 |
| TINA TIAN | | Etobicoke | 9 |
| DEIFILIA TO | Marc Garneau C.I. | North York | 9 |
| BILL WANG | Markville S.S. | Markham | 9 |
| ERIC WEN | Moscrop S.S. | Burnaby | 8 |
| REBECCA WONG | Marc Garneau C.I. | North York | 9 |
| PETER WU | St. Andrew's College | Aurora | 8 |
| HENRY XIA | Sir Winston Churchill S.S. | Vancouver | 9 |
| ALEX XU | St. Andrew's College | Aurora | 9 |
| SAM YAN | Pinetree S.S. | Coquitlam | 9 |
| JENNIFER YI | Pacific Academy | Surrey | 9 |
| VICTOR YU | Marc Garneau C.I. | North York | 9 |
| BRANDON ZHANG | Prince Of Wales Mini School | Vancouver | 9 |
| LILLIAN ZHANG | Markville S.S. | Markham | 9 |
| MENGXUAN ZHANG | Havergal College | North York | 9 |
| JERRY ZHAO | Campbell C.I. | Regina | 9 |
| YUNFAN ZHOU | Appleby College | Oakville | 9 |
| RUOYU ZHU | E.S. St. Luc | Montreal | 9 |

TEAMS / ÉQUIPES

| | School | Location | Score |
|---------------------|-----------------------------|------------|-------|
| | École | Endroit | Note |
| Champion / Première | John Ware Jr. H.S. | Calgary | 450 |
| | Marc Garneau C.I. | North York | 450 |
| | Pinetree S.S. | Coquitlam | 450 |
| | William Lyon Mackenzie C.I. | North York | 450 |
| Fifth / Cinquième | Markville S.S. | Markham | 444 |
| | Sir Winston Churchill S.S. | Vancouver | 444 |
| | Vernon Barford School | Edmonton | 444 |
| | West Point Grey Academy | Vancouver | 444 |
| | | | |

2013 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2013

CAYLEY CONTEST / CONCOURS CAYLEY

STUDENTS /ÉLÈVES

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

| Gold Medals | School | Location | Grade |
|------------------|-------------------------|-----------------|--------|
| Médailles d'or | École | Endroit | Niveau |
| VICLY CAO | New Westminster S.S. | New Westminster | 10 |
| ERIN CHEN | King City S.S. | King City | 10 |
| QINYU EMILY CHEN | Point Grey S.S. | Vancouver | 10 |
| DANA DING | | North York | 10 |
| BOYI DOU | College Jean de Brebeuf | Montreal | 10 |
| HARRY FENG | University Hill S.S. | Vancouver | 9 |
| HELEN HE | Appleby College | Oakville | 10 |
| WILLY HU | Langstaff S.S. | Richmond Hill | 10 |
| CINDY HUANG | Fraser Heights S.S. | Surrey | 10 |
| TAVIAN JIN | Burnaby North S.S. | Burnaby | 8 |
| HANSON KANG | West Vancouver S.S. | West Vancouver | 10 |
| DARREN LI | Old Scona Academic H.S. | Edmonton | 10 |
| ALICIA LIAN | Forest Hill C.I. | Toronto | 10 |
| SEOKHO LIM | Halifax West H.S. | Halifax | 10 |
| YUE LOU | Rockridge S.S. | West Vancouver | 10 |
| DYLAN SHI | Eric Hamber S.S. | Vancouver | 10 |
| MAY ZHAO | | North York | 10 |

TEAMS / ÉQUIPES

| | School | Location | Score |
|---------------------|----------------------|------------|-------|
| | École | Endroit | Note |
| Champion / Première | Burnaby North S.S. | Burnaby | 428 |
| Second / Deuxième | Marc Garneau C.I. | North York | 426 |
| Third / Troisième | Appleby College | Oakville | 424 |
| Fourth / Quatrième | Fraser Heights S.S. | Surrey | 422 |
| | Pinetree S.S. | Coquitlam | 422 |
| | University Hill S.S. | Vancouver | 422 |

2013 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2013

FERMAT CONTEST / CONCOURS FERMAT

STUDENTS /ÉLÈVES

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

| Gold Medals | School | Location | Grade |
|----------------|---------------------|-------------|--------|
| Médailles d'or | École | Endroit | Niveau |
| LETIAN CHEN | Vincent Massey S.S. | Windsor | 11 |
| YOUNGSUK CHOI | St. George's School | Vancouver | 11 |
| JIAQI DONG | | North York | 11 |
| EUN KEE KIM | Mentor College | Mississauga | 11 |
| VICTOR LING | London Central S.S. | London | 11 |
| QINGFAN LIU | London Central S.S. | London | 11 |
| SIHAO LIU | | North York | 11 |
| ERIC PAN | London Central S.S. | London | 11 |
| YEXINHAO ZHOU | Marc Garneau C.I. | North York | 11 |

TEAMS / ÉQUIPES

| | School | Location | Score |
|---------------------|-------------------------------|------------|-------|
| | École | Endroit | Note |
| Champion / Première | London Central S.S. | London | 450 |
| Second / Deuxième | Marc Garneau C.I. | North York | 430 |
| | Vincent Massey S.S. | Windsor | 430 |
| Fourth / Quatrième | St. George's School | Vancouver | 426 |
| Fifth / Cinquième | University of Toronto Schools | Toronto | 424 |

Champions-2013

2013 FERMAT CONTEST REGIONAL CHAMPIONS CHAMPIONS RÉGIONAUX AU CONCOURS FERMAT 2013

Each student below will receive a \$200 prize / Chaque étudiant ci-dessous recevrait un prix de 200 \$

| Province | Student | School | Location |
|------------|-----------------------|-------------------------------|---------------|
| Province | Étudiant | École | Endroit |
| AB | TIANYI CHEN | Western Canada H.S. | Calgary |
| BC | YOUNGSUK CHOI | St. George's School | Vancouver |
| MB | JASON WOLTER | St. John's-Ravenscourt School | Winnipeg |
| NB | ANTONIO MOLINA LOVETT | Ste. Anne | Fredericton |
| NL | JEREMY COSTELLO | Gonzaga H.S. | St. John's |
| NS | STEFAN KESELJ | Charles P. Allen H.S. | Bedford |
| NS | ANNE ZHANG | Halifax West H.S. | Halifax |
| ON Central | EUN KEE KIM | Mentor College | Mississauga |
| ON East | ZHENGYANG CHEN | Lisgar C.I. | Ottawa |
| ON East | ROBBIN XU | Lisgar C.I. | Ottawa |
| ON Metro | JIAQI DONG | | Don Mills |
| ON Metro | SIHAO LIU | | Don Mills |
| ON Metro | YEXINHAO ZHOU | Marc Garneau C.I. | North York |
| ON North | SHAWN GONG | Sir Winston Churchill C.V.I. | Thunder Bay |
| ON West | LETIAN CHEN | Vincent Massey S.S. | Windsor |
| ON West | VICTOR LING | London Central S.S. | London |
| ON West | QINGFAN LIU | London Central S.S. | London |
| ON West | ERIC PAN | London Central S.S. | London |
| PE | LIU JIAYUN | Colonel Gray Sr. H.S | Charlottetown |
| QC | PAUL ANDRE HENEGAR | College St. Louis | Lasalle |
| SK | XIAOXUAN YU | Walter Murray C.I. | Saskatoon |
| YT | MORGAN PAUL | F.H. Collins School | Whitehorse |

Correct Answers Bonnes Rponses

| # | Pascal | Cayley | Fermat |
|----|--------------|--------------|-----------------|
| 1 | В | В | D |
| 2 | A | С | В |
| 3 | \mathbf{E} | A | В |
| 4 | В | \mathbf{C} | D |
| 5 | C | C D | ${ m E}$ |
| 6 | В | D | A |
| 7 | A | С | D |
| 8 | C | E | В |
| 9 | A | ${ m E}$ | A |
| 10 | D | E | D |
| 11 | C | В | A |
| 12 | D | D | ${ m E}$ |
| 13 | В | D | D |
| 14 | В | A | $^{\mathrm{C}}$ |
| 15 | $^{\circ}$ C | E | ${ m E}$ |
| 16 | D | В | A |
| 17 | E | A | ${ m E}$ |
| 18 | E | D | \mathbf{C} |
| 19 | $^{\rm C}$ | A | A |
| 20 | E | A | \mathbf{C} |
| 21 | A | D | В |
| 22 | A | С | ${ m E}$ |
| 23 | D | В | В |
| 24 | D | В | $^{\mathrm{C}}$ |
| 25 | \mathbf{E} | E | D |

Pascal Contest Concours Pascal

Number of Contestants / Nombre de concurrents: 19431

Average mark / Note moyenne: 96.97

Percentage of contestants selecting each option / Pourcentage de concurrents par choix:

| | Correct | | | | | | % not | % correct |
|----|--------------|-------|-------|-------|-------|-------|------------|--------------|
| | Answer/ | | | | | | attempted/ | of attempted |
| | Bonne | | | | | | % sans | % tentatives |
| | Réponse | | | | | | réponse | réussies |
| # | | A | В | С | D | E | | |
| 1 | В | 0.42 | 99.16 | 0.15 | 0.15 | 0.04 | 0.08 | 99.24 |
| 2 | A | 97.29 | 1.04 | 0.14 | 1.41 | 0.05 | 0.07 | 97.36 |
| 3 | E | 2.28 | 0.57 | 0.64 | 0.76 | 95.52 | 0.24 | 95.75 |
| 4 | В | 0.15 | 98.12 | 0.37 | 0.75 | 0.34 | 0.28 | 98.40 |
| 5 | С | 2.00 | 15.65 | 80.07 | 0.69 | 0.74 | 0.86 | 80.76 |
| 6 | В | 1.66 | 80.45 | 0.90 | 6.29 | 8.90 | 1.79 | 81.92 |
| 7 | A | 93.83 | 1.91 | 1.26 | 1.07 | 0.45 | 1.47 | 95.23 |
| 8 | С | 1.77 | 5.23 | 78.68 | 6.53 | 3.77 | 4.03 | 81.98 |
| 9 | A | 95.57 | 0.29 | 1.11 | 1.90 | 0.61 | 0.51 | 96.06 |
| 10 | D | 1.88 | 1.23 | 2.20 | 74.98 | 16.22 | 3.48 | 77.68 |
| 11 | С | 8.59 | 19.92 | 63.11 | 2.61 | 2.13 | 3.64 | 65.49 |
| 12 | D | 13.12 | 2.14 | 1.38 | 76.37 | 1.86 | 5.12 | 80.49 |
| 13 | В | 3.45 | 84.16 | 3.50 | 2.27 | 1.45 | 5.17 | 88.75 |
| 14 | В | 5.16 | 52.14 | 20.46 | 1.59 | 5.63 | 15.02 | 61.36 |
| 15 | С | 5.78 | 4.38 | 82.38 | 4.01 | 1.67 | 1.77 | 83.86 |
| 16 | D | 5.18 | 6.28 | 5.03 | 66.37 | 6.23 | 10.92 | 74.51 |
| 17 | E | 1.52 | 5.69 | 8.94 | 13.49 | 49.57 | 20.80 | 62.59 |
| 18 | E | 5.24 | 8.18 | 9.80 | 8.98 | 49.41 | 18.38 | 60.54 |
| 19 | С | 7.90 | 5.51 | 64.16 | 5.78 | 2.70 | 13.95 | 74.56 |
| 20 | E | 10.17 | 13.42 | 12.27 | 8.74 | 34.75 | 20.64 | 43.79 |
| 21 | A | 42.86 | 10.24 | 3.75 | 3.63 | 5.08 | 34.44 | 65.38 |
| 22 | A | 11.48 | 10.36 | 11.41 | 24.69 | 7.02 | 35.03 | 17.67 |
| 23 | D | 13.58 | 9.34 | 11.87 | 18.49 | 6.91 | 39.82 | 30.72 |
| 24 | D | 4.65 | 11.36 | 9.82 | 18.40 | 6.12 | 49.65 | 36.54 |
| 25 | \mathbf{E} | 5.64 | 9.26 | 7.61 | 5.57 | 8.24 | 63.69 | 22.69 |

Cayley Contest Concours Cayley

Number of Contestants / Nombre de concurrents: 14800

Average mark / Note moyenne: 91.80

Percentage of contestants selecting each option / Pourcentage de concurrents par choix:

| | Correct | | | | | | % not | % correct |
|----|--------------|-------|-------|-------|-------|-------|------------|--------------|
| | Answer/ | | | | | | attempted/ | of attempted |
| | Bonne | | | | | | % sans | % tentatives |
| | Réponse | | | | | | réponse | réussies |
| # | | A | В | С | D | E | | |
| 1 | В | 0.80 | 97.57 | 0.80 | 0.12 | 0.59 | 0.11 | 97.68 |
| 2 | С | 0.33 | 0.41 | 98.25 | 0.32 | 0.54 | 0.14 | 98.39 |
| 3 | A | 98.59 | 0.20 | 0.61 | 0.06 | 0.31 | 0.23 | 98.82 |
| 4 | С | 1.72 | 2.91 | 91.53 | 1.50 | 0.89 | 1.45 | 92.88 |
| 5 | С | 1.30 | 0.96 | 94.64 | 0.68 | 1.99 | 0.45 | 95.07 |
| 6 | D | 0.76 | 2.51 | 0.91 | 92.97 | 2.24 | 0.62 | 93.55 |
| 7 | С | 0.58 | 3.07 | 93.89 | 0.44 | 0.55 | 1.47 | 95.29 |
| 8 | E | 0.35 | 0.39 | 0.56 | 2.74 | 95.23 | 0.73 | 95.93 |
| 9 | E | 2.26 | 1.26 | 0.65 | 2.45 | 90.66 | 2.73 | 93.20 |
| 10 | E | 2.49 | 6.12 | 2.68 | 17.65 | 66.39 | 4.68 | 69.65 |
| 11 | В | 8.58 | 68.79 | 2.49 | 6.83 | 0.43 | 12.88 | 78.96 |
| 12 | D | 5.39 | 12.66 | 4.80 | 58.21 | 1.20 | 17.74 | 70.76 |
| 13 | D | 4.02 | 6.09 | 4.77 | 71.01 | 6.43 | 7.69 | 76.93 |
| 14 | A | 83.26 | 2.01 | 3.30 | 2.61 | 0.91 | 7.90 | 90.40 |
| 15 | E | 1.20 | 4.14 | 8.17 | 9.95 | 62.38 | 14.18 | 72.69 |
| 16 | В | 10.50 | 29.97 | 36.09 | 3.59 | 2.23 | 17.62 | 36.38 |
| 17 | A | 26.88 | 5.56 | 7.07 | 4.99 | 4.53 | 50.97 | 54.82 |
| 18 | D | 6.99 | 8.80 | 9.71 | 27.68 | 9.30 | 37.53 | 44.31 |
| 19 | A | 41.37 | 12.80 | 8.72 | 8.24 | 3.86 | 25.00 | 55.16 |
| 20 | A | 21.18 | 8.45 | 11.44 | 9.36 | 13.03 | 36.53 | 33.37 |
| 21 | D | 5.76 | 7.82 | 9.82 | 39.86 | 3.84 | 32.89 | 59.40 |
| 22 | С | 9.15 | 13.61 | 22.15 | 8.88 | 7.58 | 38.63 | 36.09 |
| 23 | В | 29.36 | 10.14 | 10.91 | 3.05 | 5.95 | 40.59 | 17.07 |
| 24 | В | 4.03 | 7.66 | 5.98 | 8.46 | 6.86 | 67.01 | 23.22 |
| 25 | \mathbf{E} | 3.76 | 8.28 | 9.27 | 7.07 | 4.06 | 67.56 | 12.52 |

Fermat Contest Concours Fermat

Number of Contestants / Nombre de concurrents: 12066

Average mark / Note moyenne: 90.00

Percentage of contestants selecting each option / Pourcentage de concurrents par choix:

| | Correct | | | | | | % not | % correct |
|----|---------|-------|-------|-------|-------|-------|------------|--------------|
| | Answer/ | | | | | | attempted/ | of attempted |
| | Bonne | | | | | | % sans | % tentatives |
| | Réponse | | | | | | réponse | réussies |
| # | | A | В | С | D | E | | |
| 1 | D | 0.09 | 0.57 | 0.28 | 98.77 | 0.26 | 0.02 | 98.79 |
| 2 | В | 0.09 | 98.68 | 0.34 | 0.32 | 0.22 | 0.35 | 99.03 |
| 3 | В | 3.41 | 83.03 | 4.25 | 4.98 | 3.09 | 1.24 | 84.07 |
| 4 | D | 0.52 | 1.68 | 0.62 | 95.57 | 1.38 | 0.22 | 95.78 |
| 5 | E | 2.49 | 2.64 | 0.50 | 1.78 | 91.97 | 0.62 | 92.54 |
| 6 | A | 96.60 | 0.99 | 0.12 | 0.17 | 1.85 | 0.27 | 96.86 |
| 7 | D | 2.83 | 2.59 | 4.19 | 62.72 | 4.19 | 23.47 | 81.95 |
| 8 | В | 1.77 | 93.88 | 1.62 | 0.74 | 0.46 | 1.53 | 95.34 |
| 9 | A | 86.66 | 2.83 | 3.07 | 1.62 | 2.79 | 3.03 | 89.37 |
| 10 | D | 8.38 | 10.28 | 7.29 | 67.28 | 2.54 | 4.23 | 70.25 |
| 11 | A | 94.74 | 0.43 | 1.13 | 0.91 | 1.86 | 0.93 | 95.63 |
| 12 | E | 1.43 | 12.75 | 1.72 | 14.03 | 66.62 | 3.45 | 69.00 |
| 13 | D | 8.96 | 21.48 | 2.60 | 50.24 | 2.93 | 13.78 | 58.27 |
| 14 | С | 1.60 | 5.88 | 61.59 | 9.57 | 7.42 | 13.95 | 71.57 |
| 15 | E | 7.35 | 9.80 | 5.60 | 4.02 | 60.77 | 12.46 | 69.42 |
| 16 | A | 43.05 | 16.40 | 15.32 | 11.63 | 7.52 | 6.07 | 45.83 |
| 17 | E | 3.03 | 5.76 | 3.55 | 2.81 | 64.11 | 20.74 | 80.89 |
| 18 | С | 11.32 | 7.76 | 25.21 | 5.36 | 2.49 | 47.85 | 48.34 |
| 19 | A | 16.73 | 16.84 | 13.76 | 5.52 | 4.41 | 42.74 | 29.22 |
| 20 | С | 4.48 | 8.19 | 32.41 | 4.85 | 5.62 | 44.46 | 58.35 |
| 21 | В | 11.05 | 12.42 | 7.66 | 7.02 | 7.64 | 54.22 | 27.13 |
| 22 | E | 2.92 | 14.92 | 6.68 | 7.58 | 22.21 | 45.69 | 40.89 |
| 23 | В | 21.66 | 10.60 | 10.37 | 3.89 | 5.82 | 47.66 | 20.25 |
| 24 | С | 3.85 | 6.99 | 6.66 | 5.66 | 4.83 | 72.01 | 23.79 |
| 25 | D | 4.67 | 5.11 | 7.90 | 8.02 | 4.00 | 70.30 | 27.00 |

| Score/ Note | Pascal Rank/ | Cayley Rank/ | Fermat Rank/ | Score/ Note | Pascal Rank/ | Cayley Rank/ | Fermat Rank/ |
|----------------|-----------------|-------------------|-------------------|----------------|-----------------|-----------------|-----------------|
| | Position | Position | Position | | Position | Position | Position |
| 150 | 1 | 1 | 1 | 99 | 9317 | 5084 | 3762 |
| 149 | | | | 98 | 9630 | 5252 | 3944 |
| 148 | | | | 97 | 10026 | 5679 | 4225 |
| 147 | | | | 96 | 10358 | 5875 | 4440 |
| 146 | | | | 95 | 10724 | 6258 | 4711 |
| 145 | 00 | 9 | 10 | 94 | 11083 | 6469 | 4934 |
| 144 | 69 | 3 | 10 | 93 | 11500 | 6920 | 5240 |
| 143 | 1.49 | 10 | 10 | 92 | 11810 | 7153 | 5484 |
| 142 | 143 | 18 | 19 | 91 | 12150 | 7533 | 5777 |
| 141 | 232 | 46 | | 90 | 12482 | 7786 | 6021 |
| 140 | 233 | 46 | | 89 | 12781 | 8072 | $6259 \\ 6552$ |
| 139 138 | 236 | 48 | 27 | 88 87 | 13132 | 8372 8791 | 6785 |
| 136 137 | 238 334 | 48 | 37 100 | 86 | 13447 13710 | 9097 | 7000 |
| 136 | 339 | 114 | 100 102 | 85 | 13710 14020 | 9385 | 7000 - 7243 |
| 135 | 559 | 114 | 102 | 84 | 14020 14284 | 9363 9649 | $743 \\ 7467$ |
| 134 | 446 | 165 | 121 | 83 | 14284 | 9049 | 7707 |
| 133 | 579 | 246 | 145 | 82 | 14882 | 10254 | 7991 |
| 132 | 594 | 250 | 143 | 81 | 15128 | 10254 10516 | 8198 |
| 131 | 727 | $\frac{250}{342}$ | 197 | 80 | 15128 15365 | 10778 | 8408 |
| 130 | 746 | 342 347 | 201 | 79 | 15503 15592 | 11022 | 8598 |
| 129 | 936 | 455 | $\frac{201}{246}$ | 78 | 15802 | 11022 | 8790 |
| 128 | 952 | 459 | $\frac{240}{254}$ | 77 | 16044 | 11461 | 9038 |
| 127 | 1168 | 576 | 313 | 76 | 16264 | 11753 | 9242 |
| 126 | 1187 | 588 | 324 | 75 | 16465 | 11953 | 9414 |
| 125 | 1501 | 749 | 417 | 74 | 16646 | 12152 | 9583 |
| 124 | 1536 | 763 | 426 | 73 | 16816 | 12340 | 9720 |
| 123 | 1812 | 901 | 483 | 72 | 16993 | 12502 | 9907 |
| 122 | 1845 | 917 | 491 | 71 | 17173 | 12681 | 10099 |
| 121 | 2194 | 1088 | 583 | 70 | 17333 | 12870 | 10264 |
| 120 | 2248 | 1100 | 603 | 69 | 17452 | 13007 | 10386 |
| 119 | 2693 | 1273 | 747 | 68 | 17587 | 13157 | 10496 |
| 118 | 2776 | 1287 | 762 | 67 | 17706 | 13259 | 10614 |
| 117 | 3186 | 1497 | 897 | 66 | 17843 | 13381 | 10743 |
| 116 | 3265 | 1518 | 922 | 65 | 17979 | 13505 | 10862 |
| 115 | 3696 | 1725 | 1093 | 64 | 18075 | 13627 | 10959 |
| 114 | 3829 | 1763 | 1137 | 63 | 18171 | 13721 | 11061 |
| 113 | 4361 | 2052 | 1316 | 62 | 18267 | 13818 | 11155 |
| 112 | 4528 | 2079 | 1353 | 61 | 18358 | 13891 | 11235 |
| 111 | 5037 | 2356 | 1567 | 60 | 18460 | 13986 | 11306 |
| 110 | 5213 | 2412 | 1613 | 59 | 18533 | 14075 | 11376 |
| 109 | 5659 | 2719 | 1803 | 58 | 18614 | 14142 | 11446 |
| 108 | 5884 | 2783 | 1876 | 57 | 18670 | 14205 | 11505 |
| 107 | 6400 | 3114 | 2132 | 56 | 18736 | 14274 | 11571 |
| 106 | 6647 | 3196 | 2218 | 55 | 18798 | 14320 | 11643 |
| 105 | 7129 | 3553 | 2478 | 54 | 18859 | 14365 | 11679 |
| 104 | 7334 | 3647 | 2587 | 53 | 18904 | 14403 | 11724 |
| 103 | 7778 | 4014 | 2836 | 52 | 18950 | 14448 | 11767 |
| 102 | 8070 | 4142 | 2985 | 51 | 18997 | 14480 | 11805 |
| 101 | 8534 | 4517 | 3256 | 50 | 19044 | 14512 | 11839 |
| 100 | 8848 | 4638 | 3444 | 49 | 19082 | 14533 | 11860 |
| | | | | | | | |

| Score/ | Pascal | Cayley | Fermat |
|-----------------|-------------|-------------|-------------|
| \mathbf{Note} | ${f Rank}/$ | ${f Rank}/$ | ${f Rank}/$ |
| | Position | Position | Position |
| 48 | 19116 | 14553 | 11883 |
| 47 | 19145 | 14578 | 11904 |
| 46 | 19185 | 14601 | 11924 |
| 45 | 19214 | 14626 | 11941 |
| 44 | 19244 | 14646 | 11958 |
| 43 | 19265 | 14662 | 11970 |
| 42 | 19279 | 14674 | 11981 |
| 41 | 19296 | 14686 | 11987 |
| 40 | 19314 | 14701 | 12002 |
| 39 | 19322 | 14708 | 12013 |
| 38 | 19333 | 14719 | 12020 |
| 37 | 19344 | 14727 | 12025 |
| 36 | 19354 | 14734 | 12032 |
| 35 | 19367 | 14745 | 12038 |
| 34 | 19379 | 14750 | 12040 |
| 33 | 19386 | 14760 | 12041 |
| 32 | 19393 | 14762 | |
| 31 | 19399 | 14768 | 12048 |
| 30 | 19404 | 14775 | 12053 |
| 29 | 19407 | | 12054 |
| 28 | 19409 | 14776 | 12057 |
| 27 | 19413 | 14777 | 12059 |
| 26 | 19415 | 14778 | |
| 25 | 19417 | 14780 | 12060 |
| 24 | 19423 | 14781 | 12061 |
| 23 | | 14782 | |
| 22 | 19426 | 14784 | |
| 21 | | 14788 | |
| 20 | 19429 | 14790 | 12063 |
| 19 | | 14795 | |
| 18 | | 14796 | |
| 17 | | 14797 | |
| 16 | | 14798 | 12065 |
| 15 | | | 12066 |
| 14 | 19431 | 14800 | 12067 |

N.B. These rankings per tain to eligible contestants only \slash

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

| Scores/ Notes | Pascal # of Schools/ No d'écoles | Cayley # of Schools/ No d'écoles | Fermat # of Schools/ No d'écoles |
|------------------|----------------------------------|----------------------------------|----------------------------------|
| 440 - 450 | 8 | 0 | 1 |
| 430 - 439 | 16 | 0 | 2 |
| 420 - 429 | 22 | 7 | 4 |
| 410 - 419 | 26 | 12 | 4 |
| 400 - 409 | 43 | 28 | 14 |
| 390 - 399 | 47 | 21 | 20 |
| 380 - 389 | 55 | 34 | 23 |
| 370 - 379 | 53 | 35 | 24 |
| 360 - 369 | 83 | 44 | 22 |
| 350 - 359 | 76 | 45 | 46 |
| 340 - 349 | 88 | 59 | 54 |
| 330 - 339 | 63 | 62 | 52 |
| 320 - 329 | 53 | 65 | 64 |
| 310 - 319 | 47 | 68 | 74 |
| 300 - 309 | 29 | 75 | 63 |

Number of three student teams / Nombre d'équipes de trois élèves

Pascal Contest / Concours Pascal: 790 Cayley Contest / Concours Cayley: 737 Fermat Contest / Concours Fermat: 704



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 $2013 \qquad 2013$

Results Résultats

Pascal Contest Concours Pascal

(Grade 9)

 $Cayley\ Contest$ Concours Cayley
(10^e année – Sec. IV)

Fermat Contest Concours Fermat

> $(11^e \text{ ann\'ee} - \text{Sec. } V)$ (Grade 11)

Fermat Contest Honour Rolls Palmarès pour le concours Fermat

2013 Fermat Contest/Concours Fermat Team Honour Rolls/Palmarès d'équipes

| Rank/Rang | School/École | City/Ville | Score/Note |
|-----------|-------------------------------|----------------|------------|
| 1 | London Central S.S. | London | 450 |
| 2 | Marc Garneau C.I. | North York | 430 |
| 2 | Vincent Massey S.S. | Windsor | 430 |
| 4 | St. George's School | Vancouver | 426 |
| 5 | University of Toronto Schools | Toronto | 424 |
| 6 | Lisgar C.I. | Ottawa | 422 |
| 6 | University Hill S.S. | Vancouver | 422 |
| 8 | Western Canada H.S. | Calgary | 416 |
| 9 | Pinetree S.S. | Coquitlam | 414 |
| 10 | Burnaby North S.S. | Burnaby | 410 |
| 10 | York Mills C.I. | North York | 410 |
| 12 | Branksome Hall | Toronto | 408 |
| 12 | Burnaby Mountain S.S. | Burnaby | 408 |
| 12 | Sentinel S.S. | West Vancouver | 408 |
| 15 | Northern S.S. | Toronto | 406 |
| 15 | Sir Winston Churchill S.S. | Vancouver | 406 |
| 15 | University Transition Program | Vancouver | 406 |
| 15 | Waterloo C.I. | Waterloo | 406 |
| 19 | Southpointe Academy | Delta | 404 |
| 20 | White Oaks S.S. | Oakville | 403 |
| 21 | College Jean de Brebeuf | Montreal | 402 |
| 21 | West Vancouver S.S. | West Vancouver | 402 |
| 23 | Semiahmoo S.S. | Surrey | 401 |
| 24 | Sir Winston Churchill H.S. | Calgary | 400 |
| 24 | William Lyon Mackenzie C.I. | North York | 400 |
| 26 | Abbey Park H.S. | Oakville | 398 |
| 26 | Crescent School | North York | 398 |
| 26 | Upper Can Col-Upper School | Toronto | 398 |
| 26 | Victoria Park C.I. | North York | 398 |
| 30 | E.S. St. Luc | Montreal | 396 |
| 30 | Martingrove C.I. | Etobicoke | 396 |
| 30 | Walter Murray C.I. | Saskatoon | 396 |
| 33 | Burnaby South S.S. | Burnaby | 395 |
| 33 | Port Moody Sr. S.S. | Port Moody | 395 |
| 35 | Charles P. Allen H.S. | Bedford | 394 |
| 35 | Lord Byng S.S. | Vancouver | 394 |
| 35 | Mount Douglas S.S. | Victoria | 394 |
| 35 | Sir John A. Macdonald C.I. | Scarborough | 394 |
| 35 | Thornhill S.S. | Thornhill | 394 |
| 40 | Mentor College | Mississauga | 392 |
| 40 | Pickering H.S. | Ajax | 392 |
| 40 | St. Michael's Univ. School | Victoria | 392 |
| 43 | Bell H.S. | Nepean | 390 |
| 43 | Colonel By S.S. | Gloucester | 390 |
| 43 | St. Theresa of Lisieux C.H.S. | Richmond Hill | 390 |
| 46 | Brother Andre C.H.S. | Markham | 388 |
| 46 | Gleneagle S.S. | Coquitlam | 388 |
| 46 | John Diefenbaker H.S. | Calgary | 388 |
| 49 | Fredericton H.S. | Fredericton | 387 |
| 50 | A.B. Lucas S.S. | London | 386 |

| Name/Nom | | School/École | Location/Endroit | Grade/Niveau |
|----------------------|------------------------|---|-----------------------|--------------|
| Group I/Groupe I | | Scores/Notes 150 - 145 | | |
| CHEN | LETIAN | Vincent Massey S.S. | Windsor | 11 |
| CHOI | YOUNGSUK | St. George's School | Vancouver | 11 |
| DONG | JIAQI | • | North York | 11 |
| KIM | EUN KEE | Mentor College | Mississauga | 11 |
| LING | VICTOR | London Central S.S. | London | 11 |
| LIU | QINGFAN | London Central S.S. | London | 11 |
| LIU | SIHAO | | North York | 11 |
| PAN | ERIC | London Central S.S. | London | 11 |
| ZHOU | YEXINHAO | Marc Garneau C.I. | North York | 11 |
| Group II/Groupe II | | Scores/Notes 144 - 139 | | |
| · | CIBICIT | Y-1- 0 0 | 71-1 | 1.0 |
| AHN | SUNGIL | Yale S.S. | Abbotsford | 10 |
| CHEN | HARRY | University of Toronto Schools | Toronto | 11 |
| CHEN | TIANYI YUHENG | Western Canada H.S. York Mills C.I. | Calgary North York | 11 11 |
| CHEN | ZHENGYANG | Lisgar C.I. | Ottawa | 11 |
| CHEN | WON BUM | St. Theresa of Lisieux C.H.S. | Richmond Hill | 11 |
| DWORSCHAK | ANDY | R.A. McMath S.S. | Richmond Richmond | 11 |
| HENEGAR | PAUL ANDRE | College St. Louis | Lasalle | 11 |
| JIANG | YIDING | University Hill S.S. | Vancouver | 11 |
| JIN | BILLY | Waterloo C.I. | Waterloo | 11 |
| KIM | DONG KYU | Port Moody Sr. S.S. | Port Moody | 11 |
| KIM U | CHAEEUN | Gleneagle S.S. | Coquitlam | 11 |
| LEE | SEOKMIN | Langley S.S. | Langley | 11 |
| LI | SHU HAO | University Transition Program | Vancouver | 9 |
| NI | XIAOTONG | Branksome Hall | Toronto | 11 |
| QI | QI | Burnaby North S.S. | Burnaby | 8 |
| QIN | YIJIA | White Oaks S.S. | Oakville | 11 |
| SHEN | CRYSTAL | Academie Ste. Cecile Int'l | Windsor | 11 |
| WANG | RENHAO | Marc Garneau C.I. | North York | 11 |
| WANG | XINYU | | Mississauga | 10 |
| WU | CHUANXIN | Sir John A. Macdonald C.I. | Scarborough | 11 |
| WU | GLORIA | University of Toronto Schools | Toronto | 10 |
| WU | MOHAN | Vincent Massey S.S. | Windsor | 11 |
| XU | ROBBIN | Lisgar C.I. | Ottawa | 11 |
| YU | XIAOXUAN | Walter Murray C.I. | Saskatoon | 11 |
| ZHAO | WILLIAM | | North York | 8 |
| ZHU | FRANK | University Hill S.S. | Vancouver | 11 |
| Group III/Groupe III | | Scores/Notes 138 - 138 | | |
| • | CIITT | | Wort Vonger | 11 |
| AN | SUJI | West Vancouver S.S. | West Vancouver | 11 |
| BI CAI | YUHAN ZEBO BENJAMIN | Southpointe Academy Semiahmoo S.S. | Delta | 11 |
| | | | Surrey | 11 |
| CAO CHANG | JESSICA | Marc Garneau C.I. | North York Windsor | 11 |
| CHEN | CHEN ABEL | Vincent Massey S.S. Burnaby Mountain S.S. | Burnaby | 11 10 |
| CHEN | | York Mills C.I. | North York | 11 |
| | FANNY | Victoria Park C.I. | North York | |
| CHEN DU | SIJIA ZHUO CHENG | College Sainte-Anne de Lachine | | 11 11 |
| FANG | YULIANG | University of Toronto Schools | Toronto | 10 |
| DMA | TOTITAING | OUTAGE STON OF TOTOLICO SCHOOLS | 1010110 | 10 |

| Group III/Groupe III | | Scores/Notes 138 - 138 | | |
|----------------------|-------------|-------------------------------|-----------------------|----|
| | | | | |
| FENG | LEO | Vincent Massey S.S. | Windsor | 8 |
| FITZPATRICK | LIAM | St. Peter C.H.S. | Orleans | 11 |
| FRENETTE | MAXENCE | College Jean Eudes | Montreal | 11 |
| GONG | SHAWN | Sir Winston Churchill C.V.I. | Thunder Bay | 11 |
| HE | BRIAN | | North York | 11 |
| HU | PETER | Henry Wise Wood Sr. H.S | Calgary | 11 |
| HUANG | XIAORAN | Southpointe Academy | Delta | 11 |
| JEDRAL | DEREK | University of Toronto Schools | Toronto | 11 |
| JI | CHRISTINA | John Diefenbaker H.S. | Calgary | 11 |
| JIA | BILL | University of Toronto Schools | Toronto | 10 |
| JIANG | JIAHUI | | North York | 11 |
| JUNG | DAVID | Sentinel S.S. | West Vancouver | 11 |
| KWON | EEHJOON | Mount Douglas S.S. | Victoria | 11 |
| LANG | CHRISTOPHER | Oakville Trafalgar H.S. | Oakville | 11 |
| LEE | BRIAN | William Lyon Mackenzie C.I. | North York | 11 |
| LEE | CATHERINE | Appleby College | Oakville | 11 |
| LEE | LOUIS | Pinetree S.S. | Coquitlam | 11 |
| LEE | YUJIN | Abbey Park H.S. | Oakville | 11 |
| LI | WILLIAM | South Delta S.S. | Delta | 11 |
| LI | ZIYAN | St. George's School | Vancouver | 11 |
| LIANG | MAN QING | College Jean Eudes | Montreal | 11 |
| LIU | IAN | | North York | 11 |
| LU | ALICE | | Richmond Hill | 11 |
| LU | LIUPEI | Pinetree S.S. | Coquitlam | 11 |
| LUO | QINHAO | Thornhill S.S. | Thornhill | 11 |
| MIAO | SI | Moscrop S.S. | Burnaby | 11 |
| MOON | SOHYUN | Johnston Heights Jr. S.S. | Surrey | 11 |
| OUK | MICHAEL | Newmarket H.S. | Newmarket | 11 |
| PENQUITT | JAN | Dover Bay S.S. | Nanaimo | 11 |
| ROSE | JAMIE | Crescent School | North York | 11 |
| SONG | JAMIE | St. Andrew's R.H.S. | Victoria | 11 |
| SONG | SCOTT | Burnaby Mountain S.S. | Burnaby | 11 |
| SUN | ALEX | University Hill S.S. | Vancouver | 11 |
| SUN | KAI | | London | 8 |
| TIAN | KEVIN | St. George's School | Vancouver | 11 |
| TING | TA JUIN | Burnaby Central S.S. | Burnaby | 11 |
| TURNER | ALEX | E.S. des Sources | Dollard-des-Ormeaux | 11 |
| VUKOVIC | ANDREJ | Lisgar C.I. | Ottawa | 11 |
| WANG | MIKE | Pinetree S.S. | Coquitlam | 11 |
| WANG | RICHARD | Northern S.S. | Toronto | 11 |
| WANG | YITAO | St. George's School | Vancouver | 11 |
| WU | HENRY | University of Toronto Schools | Toronto | 11 |
| YANG | MICHAEL | oniversity of forones sensors | Scarborough | 11 |
| YANG | ZHENDONG | Sir Winston Churchill S.S. | Vancouver | 11 |
| ZHAN | REENA | University of Toronto Schools | Toronto | 11 |
| ZHANG | GAVIN | Sir Winston Churchill S.S. | Vancouver | 11 |
| ZHANG | JIM | Waterloo C.I. | Waterloo | 11 |
| ZHANG | RICHARD | College Jean de Brebeuf | Montreal | 11 |
| ZHANG | RUBY | University of Toronto Schools | Toronto | 10 |
| | | | | |
| ZHANG | YUCHENG | Western Canada H.S. | Calgary North York | 11 |
| ZHOU | AMELIA | Marc Garneau C.I. | NOT CIL TOLK | 11 |

Sentinel S.S.

Windermere S.S.

West Vancouver

Vancouver

11

11

ZHAOHAN

JAMESON

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Group IV/Groupe IV Scores/Notes 137 - 132 West Vancouver S.S. AHN TRACY West Vancouver 11 11 BOLOGEA Port Moody Sr. S.S. PAUL Port Moody CAO VICTORIA Vincent Massey S.S. Windsor 11 CHAN CALVIN William Lyon Mackenzie C.I. North York 11 Dollard-des-Ormeaux E.S. des Sources COQUILLAT JEAN MARIE 11 Gonzaga H.S. 11 COSTELLO **JEREMY** St Johns University of Toronto Schools DAVIS JOHN Toronto 10 FENG Nancy Campbell C.I 11 ZEYU London University of Toronto Schools 11 GE SABRINA Toronto HUANG KEVIN St. David C.S.S. Waterloo 11 HUANG SIMON Marc Garneau C.I. North York 11 HIJANG TODD Burnaby Mountain S.S. Burnaby 11 HUYNH ATHENA University Hill S.S. Vancouver 11 JEYAPRAGASAN University of Toronto Schools 10 KUHAN Toronto Northern S.S. Toronto 11 TTANG FRANK St. Michael's Univ. School 11 KANG ANDREW Victoria Lillian Osborne H.S. 10 KANG INMO Edmonton KARIMIAN HASSAN E.S. St. Luc Montreal 11 Charles P. Allen H.S. KESELJ STEFAN Bedford 11 KHUNJUSH BARDIA Mount Douglas S.S. Victoria 11 KIM EDWARD University of Toronto Schools Toronto 11 University Hill S.S. HENRY 11 KTM Vancouver KIM **JESSICA** Martingrove C.I. Etobicoke 11 KIM LEANNE Carson Graham S.S. North Vancouver 11 KIM LUKE Glenforest S.S. Mississauga 11 LAU **AMANDA** Sacred Heart C.H.S. Newmarket 11 LAU STELLA St. Francis Xavier S.S. Mississauga 11 LAU WOODY Upper Can Col-Upper School Toronto 11 TJAVT EILON A.B. Lucas S.S. London 11 LEE IAN St. George's School Vancouver 11 LEE KYIING HIIN Sir Winston Churchill H.S. Calgary 11 LEE MICHELLE Thornhill S.S. Thornhill 11 Prince of Wales S.S. LEE UJIN Vancouver 11 BENJAMIN North York 11 LI BRIAN Brother Andre C.H.S. Markham 11 LΙ LI Marc Garneau C.I. 11 MINGHAN North York LI SHUHAO Semiahmoo S.S. Surrey 11 T₁T TONY St. George's School Vancouver 11 Etobicoke T.T ANG Martingrove C.I. 11 JEFFREY Merivale H.S. 11 LIANG **JEFFREY** Nepean LIFSHITS MELI The Prestige School North York 11 9 LIM **JEANNE** Burnaby North S.S. Burnaby LIN BILL St. George's School Vancouver 11 LIN HANZHEN Markham District H.S. Markham 11 LIN JIA YING E.S. St. Luc Montreal 11 Oakville 11

Abbey Park H.S.

Elmira D.S.S.

Sentinel S.S.

Burnaby South S.S.

Ste. Anne

Pickering H.S.

University of Toronto Schools

University of Toronto Schools

North York

North York

Toronto

Toronto

Burnaby

Fredericton

West Vancouver

Elmira

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MACLEAN

MADRAZO

MCCLURE

MORISON

PAN

MOLINA LOVETT

CHELSEA

LUYI

ALEX

CHESTER

ROBERTSON

CATHERINA

MOLINA LOVETT

CHRISTOPHER

YAO ALINA

Scores/Notes 137 - 132

Group IV/Groupe IV

| Group IV/Groupe IV | | Scores/Notes 137 - 132 | | |
|--------------------|-----------|--|----------------|----|
| PARHAR | SIMRAN | Vincent Massey S.S. | Windsor | 11 |
| QUAN | ZHONG YU | Newmarket H.S. | Newmarket | 11 |
| ROH | DOOHYEUN | Kitsilano S.S. (English) | Vancouver | 11 |
| ROUSSO | DAVID | Pickering H.S. | Ajax | 11 |
| SHI | XINYU | Lord Byng S.S. | Vancouver | 11 |
| SHI | YUELUN | Elgin Park S.S. | Surrey | 11 |
| SISSON | DESMOND | Western Canada H.S. | Calgary | 11 |
| SONG | PETER | St. Andrew's College | Aurora | 11 |
| SONG | ZE | Earl of March S.S. | Kanata | 11 |
| SOUFI | GHASSEN | College Jean de Brebeuf | Montreal | 11 |
| SU | ZI QING | correge ocan ac brescar | Richmond Hill | 11 |
| SU | ZIHUI | Sir Winston Churchill H.S. | Calgary | 11 |
| SU | ZIYI | Marc Garneau C.I. | North York | 11 |
| SUK | MINKANG | Martingrove C.I. | Etobicoke | 11 |
| SUN | NEAL | Victoria Park C.I. | North York | 11 |
| SUN | PEIJIE | Westdale S.S. | Hamilton | 11 |
| TANG | HAOJI | | Delta | 11 |
| TSAI | CASPER | Seaquam S.S. University Transition Program | Vancouver | 10 |
| WANG | ZIYI | Dr. Charles Best S.S. | | 11 |
| | | St. John's-Ravenscourt School | Coquitlam | |
| WOLTER | JASON | | Winnipeg | 11 |
| WONG | MATTHEW | Upper Can Col-Upper School | Toronto | 11 |
| WONG | SANDY | Vincent Massey S.S. | Windsor | 11 |
| WU | SAMUEL | Northern S.S. | Toronto | 11 |
| XU | JUDY | Branksome Hall | Toronto | 11 |
| XU | NATHANIEL | | North York | 11 |
| XU | YUWEI | Vincent Massey S.S. | Windsor | 11 |
| YAN | ZEN | <u> </u> | Mississauga | 11 |
| YAO | ZHENG | A.Y. Jackson S.S. | North York | 11 |
| YE | BETTY | Charles P. Allen H.S. | Bedford | 11 |
| YE | SHI RUI | E.S. St. Luc | Montreal | 11 |
| YU | KEXIN | College Sainte-Anne de Lachine | | 11 |
| ZHANG | ANNE | Halifax West H.S. | Halifax | 11 |
| ZHANG | HANJIAO | Sentinel S.S. | West Vancouver | 11 |
| ZHANG | KEVIN | Langstaff S.S. | Richmond Hill | 11 |
| ZHANG | LUCAS | Western Canada H.S. | Calgary | 11 |
| ZHAO | JINJIN | Colonel By S.S. | Gloucester | 10 |
| ZHONG | ALAN | J.N. Burnett S.S. | Richmond | 11 |
| ZHOU | JOHN | University of Toronto Schools | Toronto | 10 |
| ZHU | JULIA | Northern S.S. | Toronto | 11 |
| ZOU | LAN RUI | Lord Byng S.S. | Vancouver | 11 |
| ZOU | TONY | Bell H.S. | Nepean | 11 |
| ZUNG | JOSHUA | University of Toronto Schools | Toronto | 11 |
| | | | | |
| 0 | | O/NI-t 404 400 | | |
| Group V/Groupe V | | Scores/Notes 131 - 128 | | |
| ADAM | JAHID | St. George's School | Vancouver | 11 |
| AGARWAL | ANIRUDH | Bell H.S. | Nepean | 11 |
| AN | ANDY | University Hill S.S. | Vancouver | 11 |
| ARORA | MEGHAN | Burnaby South S.S. | Burnaby | 11 |
| BAZZI | KASSEM | Vincent Massey S.S. | Windsor | 11 |
| BOODAGHIANS LEVON | LEVON | College Jean de Brebeuf | Montreal | 11 |
| CAI | DAVID | Crescent School | North York | 11 |
| CAI | JIAWEI | Fredericton H.S. | Fredericton | 11 |
| CAI | TONY | Sir Winston Churchill H.S. | Calgary | 11 |
| CHAI | JUSTIN | Upper Can Col-Upper School | Toronto | 11 |
| | | | | |

| Group V/G | roupe V | | Scores/Notes 131 - 128 | | |
|-----------|---------|-------------|--------------------------------|-----------------|----|
| CHAN | | HAO ZHI | Lord Byng S.S. | Vancouver | 11 |
| CHE | | WILLIAM | White Oaks S.S. | Oakville | 11 |
| CHEN | | JIYANG | College Jean de Brebeuf | Montreal | 11 |
| CHEN | | LUXIAN | Burnaby North S.S. | Burnaby | 11 |
| CHEN | | ROBERT | Fredericton H.S. | Fredericton | 11 |
| CHEN | | ZI KAI | Colonel By S.S. | Gloucester | 11 |
| CHENG | | VICKY | Agincourt C.I. | Scarborough | 11 |
| CHENG | | YI | Lakefield College School | Lakefield | 10 |
| CHOO | | SALLY | White Oaks S.S. | Oakville | 11 |
| CHOW | | MICHAEL | Albert Campbell C.I. | Scarborough | 11 |
| CHU | | CHRISTOPHER | University of Toronto Schools | Toronto | 11 |
| CUI | | ELAINE | York House School | Vancouver | 11 |
| DING | | ZIRUI | Western Canada H.S. | Calgary | 11 |
| DU | | CICILY | Old Scona Academic H.S. | Edmonton | 11 |
| ELLMEN | | ISAAC | Danforth Coll & Tech. Inst. | Toronto | 11 |
| FAN | | GALLOP | J.N. Burnett S.S. | Richmond | 11 |
| FISHER | | JAKE | Crescent School | North York | 11 |
| FLOREA | | ALEXANDRU | Martingrove C.I. | Etobicoke | 11 |
| GAO | | CHUYI | York Mills C.I. | North York | 11 |
| HAJI | | TARIQ | Marc Garneau C.I. | North York | 11 |
| HE | | BILL | New Westminster S.S. | New Westminster | 11 |
| НО | | JASPER | University of Toronto Schools | Toronto | 10 |
| HONG | | LYNN | Walter Murray C.I. | Saskatoon | 11 |
| HSIEH | X | MONICA | Burnaby North S.S. | Burnaby | 11 |
| HSU | 21 | TIMOTHY | St. Robert C.H.S. | Thornhill | 11 |
| HUANG | | XINGPING | David Thompson S.S. | Vancouver | 11 |
| JIANG | | YI | Centennial S.S. | Coquitlam | 11 |
| JIAYUN | | LIU | Colonel Gray Sr. H.S | Charlottetown | 11 |
| JIN | | DING | Magee S.S. | Vancouver | 11 |
| KIM | | ANDREW J | University of Toronto Schools | Toronto | 10 |
| KIM | | MINHOO | Southridge School | Surrey | 11 |
| KIM | | MINSEOK | Charles P. Allen H.S. | Bedford | 11 |
| KIM | | YEONKYEONG | Webber Academy | Calgary | 11 |
| KOCHNEV | | NIKITA | Webbel Academy | Toronto | 11 |
| KOO | | HY EONJIN | Havergal College | North York | 11 |
| KOU | | MENGBO | Glenforest S.S. | Mississauga | 11 |
| LAMETTI | | ANDRE VITO | College Jean de Brebeuf | Montreal | 11 |
| LAZOWSKI | | DAVIS | Old Scona Academic H.S. | Edmonton | 11 |
| LE | | ANTHONY | Old Scolla Academic H.S. | Richmond Hill | 11 |
| LEE | | ANGUS | Hillfield-Strathallan Coll. H. | | 11 |
| LEE | | DANIEL | University of Toronto Schools | Toronto | 10 |
| LEE | | ESTELLE | St. Michael's Univ. School | Victoria | 11 |
| LEE | | JUSTIN | St. Theresa of Lisieux C.H.S. | Richmond Hill | 11 |
| | | | | | 11 |
| LEE | | KWANGJUN | Argyle S.S. | North Vancouver | |
| LEUNG | | NICHOLAS | Sir Winston Churchill S.S. | Vancouver | 11 |
| LEVESQUE | | SIMON | E.S. de Neuchatel | Quebec | 11 |
| LI | | CANDICE | Jean Vanier C.H.S. | Richmond Hill | 11 |
| LI | | GELING | Semiahmoo S.S. | Surrey | 11 |
| LI | | KERUI | St. George's School | Vancouver | 11 |
| LI | | VUNGE | Bluevale C.I. | Waterloo | 11 |
| LI | | XINGLIN | Loud Down C. C. | Richmond Hill | 11 |
| LI | | ZEYU | Lord Byng S.S. | Vancouver | 11 |
| LIAO | | JENNY | Western Canada H.S. | Calgary | 11 |
| LIM | | BRONTE | Burnaby South S.S. | Burnaby | 11 |
| LIM | | CHLOE | Walnut Grove S.S. | Langley | 11 |

Group V/Groupe V Scores/Notes 131 - 128

| · | | | | |
|--------------------|--------------|-------------------------------|-----------------|----|
| LIU | LEO | Forest Hill C.I. | Toronto | 11 |
| LU | YIFAN | | North York | 11 |
| MA | JACOB | David Thompson S.S. | Vancouver | 11 |
| MANSON HING | JASON | Brother Andre C.H.S. | Markham | 11 |
| MOFFATT | CLARE | Branksome Hall | Toronto | 11 |
| MONAGAN | PHILIP | St. George's School | Vancouver | 11 |
| NG | HEIDI | St. Marcellinus S.S. | Mississauga | 11 |
| PAN | AARON | John Diefenbaker H.S. | Calgary | 11 |
| PANDEY | NIKESH | Crescent School | North York | 11 |
| PARK | DANNY | St. Michael's Univ. School | Victoria | 11 |
| QIN | LIFEI | Glenforest S.S. | Mississauga | 11 |
| QIU | EVA | Argyle S.S. | North Vancouver | 11 |
| RUI | ALLAN | Western Canada H.S. | Calgary | 11 |
| SCHNEIDMAN | JILLIAN | Royal West Academy | Montreal-Ouest | 11 |
| SHI | HAOJUN | West Vancouver S.S. | West Vancouver | 11 |
| SHIN | JOSHUA | Northern S.S. | Toronto | 11 |
| SMIRNOV | GEORGE | Ashbury College | Rockcliffe | 11 |
| SUN | YU QI | Vincent Massey S.S. | Windsor | 11 |
| TANG | JASON | Brother Andre C.H.S. | Markham | 11 |
| TIAN | APRIL | Sir Winston Churchill H.S. | Calgary | 11 |
| TIAN | CI | Southpointe Academy | Delta | 11 |
| TIAN | FENG | Western Canada H.S. | Calgary | 11 |
| TUOVILA | RICHARD | Rutland Sr. S.S. | Kelowna | 11 |
| VAILLANCOURT HAREL | THOMAS | College Jean Eudes | Montreal | 11 |
| WANG | CHENG YANG | Lord Byng S.S. | Vancouver | 11 |
| WANG | CHENYU | Vincent Massey S.S. | Windsor | 11 |
| WANG | CLARK | Abbey Park H.S. | Oakville | 11 |
| WANG | DAPHNE | Sir Winston Churchill S.S. | Vancouver | 11 |
| WANG | RUIQI | Point Grey S.S. | Vancouver | 11 |
| WEI | BEN | - | North York | 8 |
| WEI | HONG TAI | College Jean de Brebeuf | Montreal | 11 |
| WI | JEE HYUK | St. Michael's Univ. School | Victoria | 11 |
| WONG | MICHAEL | Holy Trinity School | Richmond Hill | 11 |
| WU | XIAOZE JERRY | Marc Garneau C.I. | North York | 11 |
| WU | YI DI LILY | Vincent Massey S.S. | Windsor | 11 |
| XIAEI | YUWEI | London Dist. Christian S.S. | London | 11 |
| XIAO | STEVEN | Langstaff S.S. | Richmond Hill | 11 |
| XU | STEPHEN | Bell H.S. | Nepean | 11 |
| YANG | LEI | York House School | Vancouver | 11 |
| YANG | YIJIA | Nepean H.S. | Ottawa | 11 |
| YE | ANNA | Burnaby South S.S. | Burnaby | 11 |
| YOON | HYE JI | | coquitlam | 11 |
| YU | AMY | Sir John A. Macdonald C.I. | Scarborough | 11 |
| YU | RAYMOND | University of Toronto Schools | Toronto | 11 |
| YU | YANG | Vincent Massey S.S. | Windsor | 11 |
| YZENBRANDT | KAI | Claremont S.S. | Victoria | 11 |
| ZHAN G | SHIYI | Kitsilano S.S. (English) | Vancouver | 11 |
| ZHANG | ALEX | Fredericton H.S. | Fredericton | 11 |
| ZHANG | KAIWEN | University Transition Program | Vancouver | 8 |
| ZHANG | WALEY | New Westminster S.S. | New Westminster | 9 |
| ZHANG | YA N | A.B. Lucas S.S. | London | 11 |
| 21111110 | TU II | 11.D. Hucas 5.5. | LOHGOH | TT |

| Name/Nom | | School/École | Location/Endroit | Grade/Niveau |
|----------------------|----------------------|--|----------------------|--------------|
| Group I/Groupe I | | Scores/Notes 150 - 145 | | |
| CEZAYIRLI | TOLGA | Ozel Cakabey Anadolu Lisesi | Sasali-Cigli Izmir | 11 |
| CHOI | GUN JONG | Tianjin Int'l. School | Tianjin | 11 |
| HUAN G | KOUTIAN | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| SAVCI | UMUTCAN | Ozel Cakabey Anadolu Lisesi | Sasali-Cigli Izmir | 11 |
| WANG | ZHAO | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| Group II/Groupe II | | Scores/Notes 144 - 137 | | |
| AL KAHFI | MUHAMMED | SMAN 1 Padang Panjang | Sumatera Barat | 11 |
| BAHL | SHIKHAR | Int'l School of Geneva-Camp. d | Grand-Saconnex | 11 |
| BOZKURT | ZIYA GOKTUG | Ozel Cakabey Anadolu Lisesi | Sasali-Cigli Izmir | 11 |
| BUL | UMUT | Kultur2000 College | Buyukcekmece/Istanbu | 11 |
| CH EN | JIN | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| CHAN | JOHN WESLEY | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| CHEN | PIN HSUAN | Washington H.S | Tai-Ping Taichung Co | 11 |
| CHENG | DEANY | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| GE | SONGHAN | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| НО | HANNA JILLIAN | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| INCE | BARTU | Ozel Ege Lisesi | Bornova Izmir | 11 |
| KIM | JOSEPH | Math Training Center | Bayside | 11 |
| LIU | ZELONG | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| ONG | HANS BRYAN | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| ONG | LU CHRISTIAN | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| SAYDAM | ZEYNEP | Kultur2000 College | Buyukcekmece/Istanbu | 11 |
| SHI | ZHENG | H.S. Affiliated to Nanjing Nor | | 10 |
| TSO | WAI KI | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| WANG | CHRISTY | St. Maryis Canossian College | Tsimshatsui Kowloon | 11 |
| WANG | GUANN | Wellington College Int'l | Tianjin | 11 |
| WANG | MISHENG | Shanghai XinZhong Senior H.S. | Shanghai | 11 |
| WIDYAPUTERA | HAFILD | Surya Institute | Tangerang | 11 |
| XU | RENZHE | H.S. Affiliated to Nanjing Nor | | 10 |
| YU | AARON | Nanyang Model High School | Shanghai | 11 |
| YU | JING | Shanghai XinZhong Senior H.S. | Shanghai | 11 |
| ZHAO | PENG | H.S. Affiliated to Nanjing Nor | | 10 |
| ZHOU | LVXIN | Shanghai XinZhong Senior H.S. | Shanghai | 11 |
| ZHOU | TAICHENG | China - UK College | Shenzhen | 11 |
| Group III/Groupe III | | Scores/Notes 136 - 132 | | |
| | OI VDE TEGE EX | | Zambaanaa Cita | 0 |
| ANG | CLYDE WESLEY | Math. Trainers Guild of Philip | | 8 |
| ARANAS BAYRAM | JONN ANGEL ZEYNEP | Math. Trainers Guild of Philip Bahcesehir H.S. for Sci. and T | | 9 |
| CHAN | BEATRICE | Dulwich College Shanghai | Shanghai | 11 |
| CHAN | LING HEI | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| CHUA | ARIANNA | Math. Trainers Guild of Philip | | 11 |
| ECHO | DING | Nanyang Model High School | Shanghai | 11 |
| ELCI | ALP | American Collegiate Institute | Izmir | 11 |
| EREK | SUMEYYE NUR | Private Bahcesehir Anatolian H | Istanbul | 11 |
| FU | WEN | China - UK College | Shenzhen | 11 |
| GULTEKIN | CEM | Tevitol H.S. | Gebze | 11 |
| HANN | TIAN | British Columbia Academy | Nanjing | 11 |
| IP | SUI KI | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |

| Group | III/Groupe III | |
|-------|------------------|--|
| Oloub | III/ OI OUDG III | |

Scores/Notes 136 - 132

| JIANG | YIWEN | Shanghai World Foreign Languag | Shanghai | 11 |
|----------------|-------------|--------------------------------|----------------------|----|
| JU | CHENGYOU | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| KARABACAK | AYDA | Kultur2000 College | Buyukcekmece/Istanbu | 11 |
| KIM | GEONWOO | Shanghai American School (West | Shanghai | 11 |
| KOZINA | VIKTORIJA | Riga State Gymnasium No 1 | Riga | 11 |
| KWONG | TZE HO | Munsang College | Kowloon City | 11 |
| LEE | PERRY | ICAE | Troy | 11 |
| LIANG | ZISHEN | British Columbia Academy | Nanjing | 11 |
| LIM | DONGSEOP | Almaty International School | Almaty | 11 |
| LIU | ZIQING | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| LU | YOUYUAN | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| OGETURK | GENCAY | Kultur2000 College | Buyukcekmece/Istanbu | 11 |
| ONG | ANDREW | Math. Trainers Guild of Philip | Zamboanga City | 8 |
| OZDER | ONUR | Ozel Ege Lisesi | Bornova Izmir | 11 |
| SAGLAM | SEDEF | American Collegiate Institute | Izmir | 11 |
| SARP | SEDA | Izmir Ozel Turk Koleji | Izmir | 11 |
| SHRIVASTAVA | APURVA | ICAE | Troy | 11 |
| SOYLER | TUN H N | Ozel Cakabey Anadolu Lisesi | Sasali-Cigli Izmir | 11 |
| SY | DAVID | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| TAN | RENZO | Math. Trainers Guild of Philip | Zamboanga City | 9 |
| TSAI | ZONG HUA | Washington H.S | Tai-Ping Taichung Co | 11 |
| UY BOMPING | SEAN | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| UYGUR | IZEL | Bahcesehir H.S. for Sci. and T | Istanbul | 11 |
| WANG | XIAOGUO | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| WIRIAWAN | CHRISTOPHER | Surya Institute | Tangerang | 11 |
| WU | SHITAO | Shanghai XinZhong Senior H.S. | Shanghai | 11 |
| XU | YANG | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| YANG | PEIYUAN | Beijing Concord College of Sin | Beijing | 11 |
| YANG | YUHUAA | Shanghai XinZhong Senior H.S. | Shanghai | 11 |
| YAO | JIANGNAN | Beijing Concord College of Sin | Beijing | 11 |
| ZHANG | RUOCHEN | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| ZHANG ZHE MING | | Sino-Canadian Program Changchu | Changchun | 11 |
| ZHAO | PUYUAN | Beijing Concord College of Sin | Beijing | 11 |
| ZHONG | QI | Shanghai XinZhong Senior H.S. | Shanghai | 11 |

Group IV/Groupe IV Scores/Notes 131 - 126

| ANG N | KARLI | Math. Trainers Guild of Philip | Zamboanga City | 10 |
|------------|-------------|--------------------------------|----------------------|----|
| BAO | TIANYI | Shanghai World Foreign Languag | Shanghai | 11 |
| BATUR | ECE | Enka Schools | Istanbul | 11 |
| CARRANCEJA | JASON CARLO | Math. Trainers Guild of Philip | Zamboanga City | 9 |
| CASANOVA | GIO GODFREY | Math. Trainers Guild of Philip | Zamboanga City | 9 |
| CELIK | MELIKE | Ozel Cakabey Anadolu Lisesi | Sasali-Cigli Izmir | 11 |
| CHAN | ZHAO CONG | Munsang College | Kowloon City | 11 |
| CHANG | CHI PAO | Washington H.S | Tai-Ping Taichung Co | 10 |
| CHAU | WING YAN | St. Maryis Canossian College | Tsimshatsui Kowloon | 11 |
| CHENG | JEAN | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| CHIM | FAN CHIT | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| DAI | TIANHUI | Shenzhen Concord College of Si | Nashan District Shen | 11 |
| DO | DAVID | Stoney Creek H.S. | Rochester | 11 |
| DONG | YI WEN | Shanghai World Foreign Languag | Shanghai | 11 |
| DOSHI | PRERAK | Transitions Lab Prep School | Mumbai | 11 |
| ENGIN | RONAI BAVER | Private Bahcesehir Anatolian H | Istanbul | 11 |
| ERDEM | GOKBERK | Private Bahcesehir Anatolian H | Istanbul | 11 |
| GONG | KAILIANG | Shanghai XinZhong Senior H.S. | Shanghai | 11 |
| | | | | |

| Group IV/Groupe IV | / | Scores/Notes 131 - 126 |
|--------------------|---------------|--------------------------|
| CII | מגדד. מגטייגמ | Canadian Intil School of |

| GU | NATHAN JIAN | Canadian Int'l School of Hong | Aberdeen | 11 |
|------------|---------------|--------------------------------|----------------------|----|
| HE | JIANKAI | China - UK College | Shenzhen | 11 |
| HUANG | JINBO | H.S. Affiliated to Nanjing Nor | | 10 |
| HUANG | YIYANG | H.S. Affiliated to Nanjing Nor | | 10 |
| JABA | ANDREA | Math. Trainers Guild of Philip | | 8 |
| JEONG | JAESEOK | | Shanghai | 11 |
| JIANG | MATHEW | Nanyang Model High School | Shanghai | 11 |
| JIANG | SHAN | China - UK College | Shenzhen | 11 |
| JIN | MENGOI | Beijing Concord College of Sin | | 11 |
| JUNG | JIN HYO | Tianjin Int'l. School | Tianjin | 11 |
| JUNG | SUKWON | Clifford School | Guangzhou Guangdong | 11 |
| KANNENIEKS | MIKUS | Riga State Gymnasium No 1 | Riga | 11 |
| KARACA | KAAN | American Collegiate Institute | Izmir | 11 |
| KARIYA | KANAV | Transitions Lab Prep School | Mumbai | 11 |
| KEKLIK | ONUR | Ozel Takev Anadolu ve Fen Lise | | 11 |
| KERIM | BATUHAN | Tevitol H.S. | Gebze | 11 |
| LAI | BORIS J T | Munsang College | Kowloon City | 11 |
| LAM | KIN WANG | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| LARA | HARSH | Indian School Al Ghubra | Muscat Sultanate of | 11 |
| LEE | A YEONG | Tianjin Int'l. School | Tianjin | 11 |
| LEE | JAEYEON | American Community School | Abu Dhabi | 10 |
| LI | KE | China - UK College | Shenzhen | 11 |
| LIAO | BAILEY | Half Hallow Hills Central SD | Dix Hills | 11 |
| LIAO | | | | 11 |
| | YUZHANG | Nanchang No 2 High School | Nanchang | |
| LIU | HAO | Beijing Concord College of Sin | | 11 |
| LIU | VYNCENT | Nanyang Model High School | Shanghai | 11 |
| LIU | YUQI | H.S. Affiliated to Nanjing Nor | | 10 |
| LU | JIAJUN | Shanghai XinZhong Senior H.S. | Shanghai | 11 |
| LUMACAD | JEROME CHRIST | Math. Trainers Guild of Philip | | 10 |
| MA | TSZ YAN | St. Maryis Canossian College | Tsimshatsui Kowloon | 11 |
| MAK | HOLLAM | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| MOLONEY | CONOR | Christian Brothers College | Cork | 11 |
| NG | WING FUNG | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| PARK | JOUNGMIN | Math Training Center | Bayside | 11 |
| PARK | YE EUN | Math Training Center | Bayside | 11 |
| PEREIRA | CARA | Transitions Lab Prep School | Mumbai | 11 |
| PUN | TSAM KIU | St. Maryis Canossian College | Tsimshatsui Kowloon | 11 |
| RAYANI | TAABISH | Transitions Lab Prep School | Mumbai | 11 |
| SANKAR | SHANMUGA | Sishya | Adyar Chennai | 11 |
| SAYMAN | FEYZA | American Collegiate Institute | Izmir | 11 |
| SENGUL | ATINC CAGAN | Bahcesehir H.S. for Sci. and T | Istanbul | 11 |
| SHAH | VEDANT | Transitions Lab Prep School | Mumbai | 11 |
| SIU | KIN YIU | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| TALREJA | ANSH | Transitions Lab Prep School | Mumbai | 11 |
| TANG | SIYU | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| TSOU | YU HSIANG | Washington H.S | Tai-Ping Taichung Co | 11 |
| WADHWA | ABHINAV | Transitions Lab Prep School | Mumbai | 11 |
| WANG | JINHAO | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| WONG | MICHAEL | Dulwich College Shanghai | Shanghai | 11 |
| WU | QIRONG | Canadian Int'l School of Beiji | Beijing | 11 |
| XIE | ZULONG | China - UK College | Shenzhen | 11 |
| XING | YI | Int'l School of Geneva (M.S.) | Geneva | 11 |
| YAMAN | ARDAN | American Collegiate Institute | Izmir | 11 |
| YANG | JUNGYUL | Tianjin Int'l. School | Tianjin | 11 |
| YANG | YINGJIE | Shanghai XinZhong Senior H.S. | Shanghai | 11 |

2013

Fermat Contest/Concours Fermat Student Honour Roll/Palmarès d'étudiants International

| YEL | BERIL | Ozel Takev Anadolu ve Fen Lise | e Sahilevleri-Izmir | 11 |
|----------|-----------|--------------------------------|---------------------|-------|
| YEN | TZU CHIAO | Washington H.S | Tai-Ping Taichung | Co 11 |
| YIN SING | LAM | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| YU | ZHAOXIN | Beijing New Talent Academy | Beijing | 11 |
| YUKSEK | OGUZ | Ozel Ege Lisesi | Bornova Izmir | 11 |
| ZHII | XTNVAN | Shanghai XinZhong Senior H S | Shanghai | 11 |

Group V/Groupe V Scores/Notes 125 - 120

| AI | | XINYUE | Nanchang No 2 High School | Nanchang | 11 |
|----------|---|---------------|--------------------------------|----------------------|----|
| ALPER | | ELIF | Bursa Bahcesehir Koleji | Bursa | 11 |
| AMANCIO | | HONEYFER | Math. Trainers Guild of Philip | Zamboanga City | 11 |
| ANG | | NICHOLAS | Math. Trainers Guild of Philip | Zamboanga City | 9 |
| ARSLAN | | ATA OZ | Tevitol H.S. | Gebze | 11 |
| AYDIN | | IREM | Izmir Ozel Turk Koleji | Izmir | 11 |
| BAGCI | | ISIL | Ozel Takev Anadolu ve Fen Lise | Sahilevleri-Izmir | 11 |
| BASDUZEN | | ATAKAN | Izmir Ozel Turk Koleji | Izmir | 11 |
| BIAN | | SHAN G | H.S. Affiliated to Nanjing Nor | Nanjing Jiangsu | 10 |
| BUATON | | HON YEE HEIDI | St. Francis' Canossian College | Wan Chai | 11 |
| BUDIMAN | | HERU | Surya Institute | Tangerang | 10 |
| CAOMY | | JIMMY | Nanyang Model High School | Shanghai | 11 |
| CHAN | | CHAU KUEN | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| CHAN | | KA CHING | St. Francis' Canossian College | Wan Chai | 11 |
| CHAN | | KWUN CHUEN | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| CHEN | | EUNICE | Nanyang Model High School | Shanghai | 11 |
| CHEN | | REGINA | Stoney Creek H.S. | Rochester | 11 |
| CHEN | | SHUPING | Huamei-Bond Int'l School | Guangzhou Guangdong | 11 |
| CHEN | | YEN JUNG | Washington H.S | Tai-Ping Taichung Co | 11 |
| CHENG | | WAI YIU | Munsang College | Kowloon City | 11 |
| CHIN | | BO WEN | Tianjin Int'l. School | Tianjin | 11 |
| CHIONG | | MAYNARD | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| CHUN HEI | | WONG | Chiu Lut Sau Memorial S.S. | Hong Kong | 11 |
| CONRAD | | SHO | Chiu Lut Sau Memorial S.S. | Hong Kong | 11 |
| DA GIDIR | | CAN HAKAN | Private Bahcesehir Anatolian H | Istanbul | 11 |
| DENNEHY | | SCOTT | Christian Brothers College | Cork | 11 |
| DUMAN | | ERTUGRUL | Private Bahcesehir Anatolian H | Istanbul | 11 |
| ERAKIN | | SINEM | Izmir Ozel Turk Koleji | Izmir | 11 |
| FEI | | LIN | Shanghai World Foreign Languag | Shanghai | 10 |
| FENNER | | NATHAN | Stoney Creek H.S. | Rochester | 11 |
| GABATON | | GABRIELLE | Math. Trainers Guild of Philip | Zamboanga City | 9 |
| GAO | G | TOM | Tangshan No. 1 H.S. | Tangshan | 11 |
| GOCEN | | ILGAZ ELIF | Izmir Ozel Turk Koleji | Izmir | 11 |
| GOLLER | | NAZLI | Tevitol H.S. | Gebze | 11 |
| HAU | | YING YING | St. Maryis Canossian College | Tsimshatsui Kowloon | 11 |
| HUANG | | YUPING | Shenzhen Concord College of Si | Nashan District Shen | 11 |
| HUANG | | ZEJUN | Shenzhen Concord College of Si | Nashan District Shen | 11 |
| HYI | | YICEN | Shenzhen Concord College of Si | Nashan District Shen | 11 |
| IHN | | JI YEON | Shanghai American School (West | | 11 |
| JEONG | | HEEJEONG | QSI Int'l School of Shekou | Shekou | 11 |
| JUN | | YOUNGWOONG | Shanghai American School (West | Shanghai | 11 |
| JUN KAI | | TAN | Cempaka Int'l School | Cheras - Selangor Da | 11 |
| JUNYI | | ZHENG | Anhui Concord College of Sino- | Wuhu | 11 |
| KIM | | JEEYOON | Shanghai American School (West | Shanghai | 11 |
| KIM | | KUN IL | Clifford School | Guangzhou Guangdong | 11 |
| KIM | | SEJIN | Dulwich College Shanghai | Shanghai | 11 |
| | | | | | |

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| KO | SOOKYUNG | Delia School of Canada S.S. | Taikoo Shing | 11 |
|---------------|------------------|--|----------------------|----|
| KUCUKENGIN | HAMDI KEREM | FMV Ozel Ayazaga Isik Lisesi | Istanbul | 11 |
| KURSAT | CENGIZ | Ozel Ege Lisesi | Bornova Izmir | 11 |
| KYUNG | SEUNGEUN | Canadian Int'l School of Hong | Aberdeen | 11 |
| LAM | HIU YING | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| LAM | WAI TING | St. Francis' Canossian College | Wan Chai | 11 |
| LAM | YING TUNG | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| LAOHOO | TIMOTHY | Math. Trainers Guild of Philip | Zamboanga City | 10 |
| LAU | KWAN CHAK | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| LEE | KAM FAI | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| LEE | SEUNGMIN | Canadian Int'l School | Tokyo | 11 |
| LEI | RUI | Anhui Concord College of Sino- | Wuhu | 11 |
| LI | HAIPENG | Shenzhen Concord College of Si | Nashan District Shen | 11 |
| LI | PO KWAN | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| LIANG | XINYI | Huamei-Bond Int'l School | Guangzhou Guangdong | 11 |
| LIANG | YUJIA | Shanghai American School (West | Shanghai | 11 |
| LIANG | ZIYING | Nanhai No 1 M.S. | Foshan City Guangdon | 11 |
| LIN | QIANLI | St. Maryis Canossian College | Tsimshatsui Kowloon | 11 |
| LIU | ALBERT | Canadian Int'l High School | Singapore | 11 |
| LIU | MENG CHUNG | Washington H.S | Tai-Ping Taichung Co | 11 |
| MA | SZE CHAI | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| MANAV | YUSUFCAN | Tevitol H.S. | Gebze | 11 |
| MING HIN | LI | NLSI Peace Evangelical S.S. | Tuen Mun New Territo | 11 |
| MORINO | LUCA | Hillcrest S.S. | Nairobi | 11 |
| MUTAFOGLU | IDIL | American Collegiate Institute | Izmir | 11 |
| NG | WING KI | St. Francis' Canossian College | | 11 |
| NGUYEN | HA PHUONG | Canadian Int'l School of Hong | Aberdeen | 11 |
| ONG | HANS JARETT | Math. Trainers Guild of Philip | · · | 9 |
| ORAL | EMRE | American Collegiate Institute | Izmir | 11 |
| OZCAN | ESIN | Ozel Ege Lisesi | Bornova Izmir | 11 |
| OZER | ERAY | Ozel Ege Lisesi | Bornova Izmir | 11 |
| PEI | CHEXIN | Beijing Concord College of Sin | | 11 |
| POON | CHUN TO | Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| PRADHAN | SAMVED | Transitions Lab Prep School | Mumbai | 11 |
| QUE | MARK | Brent Int'l School South Campu | | 11 |
| RADHAKRISHNAN | DIKSHA | Kuwait English School | Salmiya | 11 |
| SAHNI | NIRAV | Transitions Lab Prep School | Mumbai | 11 |
| SAVCIGIL | DENIZ PINAR | Ozel Takev Anadolu ve Fen Lise | | 11 |
| SEZER | UZAY | American Collegiate Institute | Izmir | 11 |
| SHAH | KUNAL | Transitions Lab Prep School | Mumbai | 11 |
| SMOLINS | MIHAILS | Riga State Gymnasium No 1 | Riga | 11 |
| SONG | BRIAN | Math Training Center | Bayside | 11 |
| SPROGE | KATRINA | Riga State Gymnasium No 1 | Riga | 11 |
| TAM | WAI KI | CNEC Lau Wing Sang S.S. | Chai Wan | 11 |
| TAN | LEII | Beijing Concord College of Sin | | 11 |
| WANG | XUETAO | Nanchang No 2 High School | Nanchang | 11 |
| WENG WONG | JEFFREY | Shanghai American School (West Tsuen Wan Government S.S. | Tsuen Wan N.T. | 11 |
| WU | KAM FAI YIFAN | H.S. Affiliated to Nanjing Nor | | 10 |
| | | H.S. Affiliated to Nanjing Nor | | 10 |
| WU XU | YUXIN KAIYUAN | Beijing Concord College of Sin | | 11 |
| XUETING | WU | Anhui Concord College of Sino- | | 11 |
| YANG | SOPHIA | Nanyang Model High School | Shanghai | 11 |
| YANG | SUYANG | Shanghai World Foreign Languag | | 10 |
| YAO | KAYE JANELLE | Math. Trainers Guild of Philip | | 9 |
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| YEH | YU NING | Washington H.S | Tai-Ping Taichung Co | 11 |
|-------|---------|--------------------------------|----------------------|----|
| YEUNG | YU | St. Francis' Canossian College | Wan Chai | 11 |
| YU | ZHEYUAN | Nanhai No 1 M.S. | Foshan City Guangdon | 11 |
| YUAN | GEORGE | Tangshan No. 1 H.S. | Tangshan | 11 |
| ZHANG | HENG | Beijing Concord College of Sin | Beijing | 11 |
| ZHANG | YIWEN | Shanghai World Foreign Languag | Shanghai | 11 |
| ZHAO | HAI | Beijing Concord College of Sin | Beijing | 11 |
| ZHU | JIAN | Shanghai World Foreign Languag | Shanghai | 11 |
| ZHU | YIBO | Shanghai World Foreign Languag | Shanghai | 11 |
| ZOU | LUCTA | British Columbia Academy | Nanjing | 11 |