Alberta High School Mathematics Competition
Report on the First Round of the 54th Contest

Sponsors:
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A K Peters, Publishers, Wellesley, MA, USA,
Greenwoods’ Bookshoppe, Edmonton,
Canadian Mathematical Society,
Pacific Institute for the Mathematical Sciences,
Mathematics Council, Alberta Teachers’ Association,
University of Calgary, and
University of Alberta.

Individual Results.

The first part of the 54th Alberta High School Mathematics Competition was written on November 17, 2009 by 612 students. These consist of 291 girls and 321 boys. The numbers of students in Grades VIII, IX, X, XI and XII are respectively 17, 204, 181 and 210.

Here are the top individuals:

<table>
<thead>
<tr>
<th>#</th>
<th>Pt</th>
<th>Name</th>
<th>School</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100</td>
<td>Soroosh Hemmati</td>
<td>Western Canada High School, Calgary.</td>
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<tr>
<td>2</td>
<td>97</td>
<td>Philip Ma</td>
<td>Harry Ainlay High School, Edmonton (Grade XI).</td>
</tr>
<tr>
<td>3</td>
<td>95</td>
<td>Mariya Sardarli</td>
<td>Strathcona High School, Edmonton (Grade X), and</td>
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<td></td>
<td></td>
<td>Hunter Spink</td>
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<tr>
<td>4</td>
<td>90</td>
<td>Kaiven Zhou</td>
<td>Strathcona High School, Edmonton (Grade XI), and</td>
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<td>Edward Xu</td>
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<tr>
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<td>Jaclyn Chang</td>
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<tr>
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<td>84</td>
<td>Weiyi Ren</td>
<td>Harry Ainlay High School, Edmonton, and</td>
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<td>Hanyang Wang</td>
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<td>8</td>
<td>82</td>
<td>Yaroslav Babich</td>
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<td>81</td>
<td>Desmond Sisson</td>
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<td>Michael Meiers</td>
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<td>Weilian Chu</td>
<td>Grandview Heights Jr High School, Edmonton (Grade IX), and</td>
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<td>Lucia Xu</td>
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<td>Hamza Riaz</td>
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<td>13</td>
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<td>Meng Zhao</td>
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<td>14</td>
<td>75</td>
<td>Tim He</td>
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<td>Nicholas Adamski</td>
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<td>Michael Yang</td>
<td>Henry Wise Wood High School, Calgary.</td>
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<td>74</td>
<td>Saima Asad</td>
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<td></td>
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<td>Peter Gustainis</td>
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<td>Yuri Delanghe</td>
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<td>Phoebe Chang</td>
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<td></td>
<td></td>
<td>Tyler Morton</td>
<td>Winston Churchill High School, Lethbridge, and</td>
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<td>Yifan Wang</td>
<td>Western Canada High School, Calgary.</td>
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<td>28</td>
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<td>Soha Hemmati</td>
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<td></td>
<td></td>
<td>Christine Ahn</td>
<td>Western Canada High School, Calgary (Grade XI),</td>
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<td></td>
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<td>David Kang</td>
<td>Western Canada High School, Calgary (Grade XI),</td>
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<td>Stephanie Bohaichuk</td>
<td>Harry Ainlay High School, Edmonton,</td>
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<td>Heelan Kwon</td>
<td>Western Canada High School, Calgary,</td>
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<td></td>
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<td>Fernando Lopes</td>
<td>Sir Winston Churchill High School, Calgary, and</td>
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<td>Annie Zheng</td>
<td>Queen Elizabeth Jr/Sr High School, Calgary.</td>
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<td>Reka Szepesvari</td>
<td>Harry Ainlay High School, Edmonton (Grade XI), and</td>
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<td>Michael Shirt</td>
<td>Harry Ainlay High School, Edmonton.</td>
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<td>37</td>
<td>70</td>
<td>Aneesh Jaydeep</td>
<td>Sir Winston Churchill High School, Calgary (Grade X),</td>
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<td></td>
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<td>Hanhyung Lee</td>
<td>Old Scona Academic High School, Edmonton (Grade X),</td>
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<td>James Lin</td>
<td>Western Canada High School, Calgary (Grade X),</td>
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<td>Cody Wang</td>
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<td>Harris Wang</td>
<td>Old Scona Academic High School, Edmonton (Grade X),</td>
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<td>Eddie Park</td>
<td>Western Canada High School, Calgary (Grade XI),</td>
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<td>Yichen Wu</td>
<td>Sir Winston Churchill High School, Calgary (Grade XI).</td>
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<tr>
<td></td>
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<td>Mufan Li</td>
<td>Western Canada High School, Calgary, and</td>
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<td>Calvin Tseng</td>
<td>Western Canada High School, Calgary.</td>
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<tr>
<td>47</td>
<td>69</td>
<td>Rachel Han</td>
<td>Grandview Heights Jr High School, Edmonton (Grade IX),</td>
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<td>Hee-Joo Nam</td>
<td>Queen Elizabeth Jr/Sr High School, Calgary (Grade IX),</td>
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<td>Aowei Xu</td>
<td>Bev Facey High School, Sherwood Park (Grade X),</td>
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<td>Marie Konrad</td>
<td>Harry Ainlay High School, Edmonton, (Grade X),</td>
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<td>Nam Song</td>
<td>Sir Winston Churchill High School, Calgary (Grade XI),</td>
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<td></td>
<td></td>
<td>Peggy Jankovic</td>
<td>Archbishop MacDonald High School, Edmonton, and</td>
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<td></td>
<td>Mengya Wang</td>
<td>Western Canada High School, Calgary.</td>
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</tbody>
</table>
Team Results.

The contest was written by 27 schools, 3 not entering a team. There are 8 schools from Zone I (Calgary) with 242 students, 3 schools from Zone II (Southern Rural Alberta) with 50 students, 10 schools from Zone III (Edmonton) with 219 students and 6 schools from Zone IV (Northern Rural Alberta) with 101 students.

Here are the top teams:

<table>
<thead>
<tr>
<th>Rank</th>
<th>Score</th>
<th>Team Members and Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>280</td>
<td><strong>Western Canada High School</strong>, Calgary, with Soroosh Hemmati, Hunter Spink and Jaclyn Chang, managed by Ms. Renata Delisle.</td>
</tr>
<tr>
<td>2</td>
<td>256</td>
<td><strong>Harry Ainlay High School</strong>, Edmonton, with Philip Ma, Weiye Ren and Nicholas Adamski, managed by Ms. Meriel Hughes.</td>
</tr>
<tr>
<td>3</td>
<td>250</td>
<td><strong>Sir Winston Churchill High School</strong>, Calgary, with Di Mo, Yaroslav Babich and Justine Zhang, managed by Mr. Neil Hamel.</td>
</tr>
<tr>
<td>5</td>
<td>240</td>
<td><strong>Henry Wise Wood High School</strong>, Calgary, with Edward Xu, Tim He and Michael Yang, managed by Mr. Alex Watt.</td>
</tr>
<tr>
<td>6</td>
<td>222</td>
<td><strong>Queen Elizabeth Jr/Sr High School</strong>, Calgary, with Desmond Sisson, Annie Zheng and Hee-Joo Nam, managed by Ms. Sharon Reid.</td>
</tr>
<tr>
<td>7</td>
<td>220</td>
<td><strong>Old Scona Academic High School</strong>, Edmonton, with Michael Meiers, HanHyung Lee and Harris Wang, managed by Mr. Ihor Lytviak.</td>
</tr>
<tr>
<td>8</td>
<td>214</td>
<td><strong>Crescent Heights High School</strong>, Calgary, with Hanyang Wang, Katerina Brown and Sergiu Lucut, managed by Ms. Allison Reine.</td>
</tr>
<tr>
<td>9</td>
<td>209</td>
<td><strong>Grandview Heights Jr School</strong>, Edmonton, with Weilian Chu, Rachel Han and Chengjia Zhu, managed by Ms. Wendy Sorenson.</td>
</tr>
<tr>
<td>10</td>
<td>209</td>
<td><strong>Archbishop MacDonald High School</strong>, Edmonton, with Peggy Jankovic, Linshan Li and Hui Wang, managed by Mr. John Campbell.</td>
</tr>
</tbody>
</table>
Other participating schools are:

**Zone I:**
Bishop Carroll High School (Ms. Marilyn Blackhall), Calgary Science School (Mr. Kevin Sonico) and Lord Beaverbrook High School (Ms. Barbara Savidant). William Aberhart High School (Mr. Jim Kotow) registered for the contest, but was unable to hold it on the day.

**Zone II:**
Canmore Collegiate High School (Ms. Patti Fairhart-Jones), McCoy High School (Mr. Rob Burzminski), Oilfields High School (Mr. Chris Hughes) and Winston Churchill High School (Ms. Terri Yamagishi).

**Zone III:**
Holy Trinity High School (Mr. Len Bonifacio), J. Percy Page High School (Ms. Deanne Matthews), McNally High School (Mr. Neil Peterson), Tempo School (Mr. Lorne Rusnell) and Vimy Ridge Academy (Ms. Delcy Rolheiser).

**Zone IV:**
Archbishop Jordan High School (Ms. Marge Hallonquist), Ardrossan Jr/Sr High School (Ms. Rebecca Gustafson), Bev Facey High School (Ms. Alena Weppler), J. A. Williams High School (Mr. Matt Dyck) and Parkland High School (Ms. Joanna James). Fort Saskatchewan High School (Mr. Al Speer) registered for the contest, but was unable to hold it on the day.