

## BC Secondary School Mathematics Contest, 2016 Report to the BCCUPM

On May 6, 2016 the Final Round of the BC Secondary School Mathematics Contest was written at 7 provincial colleges and universities. Students who had performed well on an earlier Preliminary Round held within their own high schools were invited (together with a teacher sponsor) to attend the Final Round and spend a day at the local post-secondary institution with several activities involved.

Participating institutions are:

Capilano University	(CapU)
College of New Caledonia/University of Northern BC	(CNC/UNBC)
Northern BC	
Langara College	(Lang)
North Island College	(NIC)
Northwest Community College	(NWCC)
Okanagan College/UBC Okanagan	(OC/UBCO)
Thompson Rivers University	(TRU)
Vancouver Island University	(VIU)
University of the Fraser Valley	(UFV)

The table below gives a summary of the number of students and the top scores (out of a possible 100) on the Final Round at each institution that did run the Final Round.

Institution	Final Round		Top Three Scores		Averages	
	Juniors	Seniors	Junior	Senior	Junior	Senior
CapU	22	17	100, 97, 90	100, 86, 78	62.4	56.5
CNC	55 total		-	-	-	-
Douglas	19	16	96, 90, 87	100, 94, 85	72.4	64.4
Lang	28	13	93, 84, 82	100, 97, 88	58.8	52.5
NIC	17	13	75, 72, 67	86, 74, 59	49	50
NWCC	8	7	90, 65, 61	57, 54, 52	50	51
OC/UBCO	50	27	85, 68, 63	77, 67, 64	42.9	47.5
TRU	36	31	68, 61, 60	63, 56, 54	36.0	35.4
VIU	47	42	75, 72, 67	81, 77, 70	40.6	39.7
UFV	68	60	84, 82, 80	87, 85, 77	46.8	43.5
<b>TOTAL</b>	<b>295</b>	<b>226</b>				

The top reported Junior and Senior Preliminary scores were both 60 out of 60, with averages between 20 and 40. Seven schools reported a total of 1513 junior and 718 senior participants in the preliminary round. It is noteworthy that 43% of these students were reported by VIU. Not all schools report Preliminary Round scores or participation numbers, so there is no way to know exactly how many students actually participate. A total of 576 students, from the ten institutions reporting, participated in the Final Round this year. These numbers, both preliminary and final were slightly higher than in 2015.

This report, together with information on winners from the individual institutions, will be posted on the BCSSMC web site:

[http://mathcontest.sites.tru.ca/files/2016/06/MathContestBCCUPMReport\\_2016.pdf](http://mathcontest.sites.tru.ca/files/2016/06/MathContestBCCUPMReport_2016.pdf)

For those planning for next year, the dates we are suggesting for the 2017 contest are:

Preliminary Round: April 5, 2017

Final Round: May 5, 2017

The top three students in at the Junior and Senior levels are given below. Note that participants were asked to submit a Freedom of Information Protection of Privacy Consent form in order for their names to be reported. In the following, only the names of participants who submitted a form are included, though school and grade are provided.

### Capilano University

	Name	School	Grade
First Place Senior	Kevin Hu	Mulgrave	11
Second Place Senior	Yupeng Zhao	Burnaby South Secondary	11
Third Place Senior	Ryan Lu	Burnaby South Secondary	11

	Name	School	Grade
First Place Junior	Boya Yang	Burnaby South	8
Second Place Junior	Ji Sang You	Mulgrave School	9
Third Place Junior	Name Withheld	Burnaby South	9

### College of New Caledonia/UNBC

	Name	School	Grade
First Place Senior	Name Withheld	Duchess Park	12
Second Place Senior	Name Withheld	Nechako Valley	12
Third Place Senior	Name Withheld	College Heights	11

	Name	School	Grade
First Place Junior	Name Withheld	College Heights	10
Second Place Junior	Name Withheld	College Heights	10
Third Place Junior	Name Withheld	Kelly Road	9

## Douglas College

	Name	School	Grade
First Place Senior	Guanhua Lin	Heritage	
Second Place Senior	Allen Zheng	Pinetree	
Third Place Senior	Jerry Meng	Gleneagle	

	Name	School	Grade
First Place Junior	Amy Hylin Ji	Centennial	
Second Place Junior	Paul Lee	Riverside	
Third Place Junior	Wenchen Shao	Centennial	

## Langara College

	Name	School	Grade
First Place Senior	Andrew Lin	University Hill Secondary School	10
Second Place Senior	Sam Zhou	Olympic Education Center	9
Third Place Senior	Yoyo Ding	Crofton House School	12

	Name	School	Grade
First Place Junior	Alvin Zhou	Olympic Education Center	9
Second Place Junior	George Huang	Olympic Education Center	8
Third Place Junior	Betty Huang	Crofton House School	9

## North Island College

	Name	School	Grade
First Place Senior	Michelle Ku	Mark Isfeld	12
Second Place Senior	Amy Lefan Mei	Mark Isfeld	11
Third Place Senior	Lucy Toews	Carihi	12
	Jenny Hong	Highland	11

	Name	School	Grade
First Place Junior	Paul Stelfox	Mark Isfeld	8
Second Place Junior	Kyle Turgeon	Alberni District SS	8
Third Place Junior	Joshua Childs	GP Vanier	10

## Northwest Community College

	Name	School	Grade
First Place Senior	Daelen Calder	Charles Hays Secondary	12
Second Place Senior	Name Withheld	Smithers Secondary	12
Third Place Senior	Brendon Ciccone	Charles Hays Secondary	12

	Name	School	Grade
First Place Junior	Name Withheld	Smithers Secondary	10
Second Place Junior	Name Withheld	Smithers Secondary	10
Third Place Junior	Name Withheld	Smithers Secondary	9

## Okanagan College/UBC Okanagan

	Name	School	Grade
First Place Senior	Yingru Wang	Immaculata Regional High School	12
Second Place Senior	Lei Bai	Clarence Fulton Secondary School	12
Third Place Senior	Kyle Martin	Kelowna Secondary	12

	Name	School	Grade
First Place Junior	Amber Phillips	Okanagan Mission Secondary School	9
Second Place Junior	Yoonsoo Kim	Penticton Secondary	10
Third Place Junior	Yihan Xia	Okanagan Mission Secondary School	10

## Thompson Rivers University

	Name	School	Grade
First Place Senior	Sky Qi	Sa-Hali	12
Second Place Senior	Anna Betuzzi	Peter Skene Ogden	12
Third Place Senior	Cameron Lang	Peter Skene Ogden	11

	Name	School	Grade
First Place Junior	Maggie Gu	Sa-Hali	9
Second Place Junior	Jochebel Chua	South Kamloops Secondary	10
Third Place Junior	Soeun (Jennifer) Yun	Sa-Hali	9

## University of the Fraser Valley

	<b>Name</b>	<b>School</b>	<b>Grade</b>
First Place Senior	Huichoel Cho	Abbotsford Senior Secondary	12
Second Place Senior	Cavizshajan Skanthan	Meadowridge School	10
Third Place Senior	Josiah Plett	M. J. Mouat	12

	<b>Name</b>	<b>School</b>	<b>Grade</b>
First Place Junior	Nick Wang	Pacific Academy	10
Second Place Junior	Matthew Xue	Meadowridge School	9
Third Place Junior	Helen Chen	MEI	10

## Vancouver Island University

	<b>Name</b>	<b>School</b>	<b>Grade</b>
First Place Senior	Tony Xie	Dover Bay Secondary School	12
Second Place Senior	Jacob Kim	Dover Bay Secondary School	12
Third Place Senior	Alfred Wang	Dover Bay Secondary School	12

	<b>Name</b>	<b>School</b>	<b>Grade</b>
First Place Junior	Peter Lee	Dover Bay Secondary School	10
Second Place Junior	David Wang	Dover Bay Secondary School	10
Third Place Junior	Malcolm Seyd	John Barsby Secondary	10

Report prepared on June 7, 2016 by

Shane Rollans  
Department of Mathematics and Statistics  
Thompson Rivers University