

## BC Secondary School Mathematics Contest, 2022

### Report to the BCCUPM

On May 6, 2022 the Final Round of the BC Secondary School Mathematics Contest was written at a number of 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.

Reporting institutions are:

Capilano University	(CapU)
Douglas College	(Douglas)
Coast Mountain College	(CMC)
Okanagan College/ UBCO	(OC/UBCO)
Thompson Rivers University	(TRU)
University of the Fraser Valley	(UFV)

Altogether a total of 403 juniors and 270 seniors participated in the Preliminary round, with average scores of approximately 23.8 for the juniors and 21.5 for the Seniors overall, (out of 60).

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 reported the Final Round.

Institution	Final Round #		Top Three Scores		Averages	
	<i>Juniors</i>	<i>Seniors</i>	<i>Juniors</i>	<i>Seniors</i>	<i>Juniors</i>	<i>Seniors</i>
<b>CapU</b>	20	13	100, 94, 93	89, 83, 77	65.9	49
<b>Douglas</b>	13	14	72, 69, 69	100, 84, 62	55.4	54.1
<b>CMC</b>	12	5	42	45	29.1	34.8
<b>OC/UBCO</b>	19	20	71, 72, 71	71, 64, 63	39.4	38.9
<b>TRU</b>	18	22	67, 59, 55	79, 54, 49	32.4	35.4
<b>UFV</b>	41	21	88, 77, 71	62, 54, 51	38.6	33.4
<b>TOTAL</b>	123	95	100, 94,93	100, 89, 84	43.1	40.3

The top reported Junior and Senior Preliminary scores were both 60 out of 60, with averages of 24 and 22.. Five schools reported a total of 403 junior and 270 senior participants in the preliminary round. Not all schools report Preliminary Round scores or participation numbers, so there is no way to know exactly how many students actually participated. A total of 218 students, from the six institutions reporting, participated in the Final Round this year. Participation in both rounds was lower this year because this was the first time the contest was held coming out of the COVID-19 pandemic, so some institutions and schools were wary of extra gatherings. We hope to increase the numbers next year!

This report, together with information on winners from the individual institutions, will be posted on the BCSSMC web site: <http://mathcontest.sites.tru.ca>.

For those planning for next year, the dates we are suggesting for the 2023 contest are:  
Preliminary Round: April 7, 2023  
Final Round: May 7, 2023

Drafts will be ready on an earlier schedule this year. We hope to have the first drafts ready before the end of the summer. All help is welcomed whether in the form of suggested problems, feedback, solutions and TeX typesetting! Please contact Suzanne Feldberg [sfeldberg@tru.ca](mailto:sfeldberg@tru.ca) if you are interested.

The Math Contest website is <http://mathcontest.sites.tru.ca/>. On it you will find the most recent provincial summaries, and previous contest papers dating back to 1999.

**Report updated on May 31, 2022 by  
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This report will be updated if additional schools submit results.**