


MATH 100: Differential Calculus Supplemental Learning

$$S_3 = \begin{bmatrix} 101 \\ 101 \\ 101 \\ 101 \end{bmatrix}$$

$$b^2 = c \cdot cb$$
$$a^2 = c \cdot ca$$

$$\pi = 3.141592$$
$$\alpha x = -\frac{\alpha x}{2x}$$


Land Acknowledgement



Rajveer Sodhi

3rd year, COSC Major, DATA Minor





Supplementary Learning (SL) Information

Rajveer Sodhi (He/Him/His)

All Sections

Sep 6 at 12:53p.m.

Hi everyone!

Welcome to MATH 100-001! It was great to see all of you in class today. I'd like to extend a warm welcome to you on behalf of the UBCO community, and I hope you enjoy your first year as much as I did! As promised, here is all the information about the SL sessions I will be conducting over the term for you.

Remember, SL is a *free, non-remedial, co-curricular* service provided by the university for *all* students in the most challenging courses on campus. I would encourage everyone to attend SL sessions - it couldn't hurt! I know I used the SL resources heavily in my first year, and that's what helped me succeed in my courses and become an SL leader myself now. [Here](#) is a link to the website with all the information about this service for your reference.

There will be **two SL sessions held each week**:

In-Person: Monday, 9:30 a.m. - 11 a.m., LIB 237

(Enter from the Library West Entrance and come up a floor to the *Student Learning Hub*)

Online: Wednesday, 11:30 a.m. - 12:30 a.m., on Zoom

Zoom Link: <https://ubc.zoom.us/j/61758025867?pwd=cGV3d05HNjgweUlsNjBEZzA1d0Z6QT09> 

Office Hours: Monday, 11:00 a.m. - 11:30 a.m., LIB 237

During each session, I will be interacting with all of you to understand what topics I should cover. We will go over doubts, practice questions, and review concepts. This will be an absolutely *safe space*, where students can interact with each other, cement their understanding, and ask the questions they were maybe too afraid to ask in class (although I doubt that would be an issue with Professor Broughton).

I also realize that you have all just started your journey at UBCO so I would love to answer any questions about the lifestyle here on campus/in Kelowna - from how to use Canvas to how to get groceries. You can let me know if there is anything particular you want to know over email prior to our session or during the session itself. I would also recommend reaching out to the various other resources on campus including the Nechako Front Desk, the Academic Advising Office (UNC), the Global Engagement Office (UNC), and the Student Connect Desk (UNC) which are also available to ease your transition into university life.

Do make sure to also reach out to Professor Broughton, TAs, Subject Tutors, Subject Librarians, and Course Union Reps for any academic assistance.

Please feel free to ask for any accommodations or raise any concerns; all your communication with me will remain confidential.

You can reach out to me at any time at rajveersodhi03@gmail.com.

I look forward to meeting some of you on Monday in the Library!



**Let's
Introduce
Ourselves!**



What is SL?

<https://students.ok.ubc.ca/academic-success/learning-hub/supplemental-learning/>

Set Notation



U

Union

Combines all elements of
two sets

\cap

Intersection

Takes out the common
elements of two sets

\in

Belongs to

Shows that a character
belongs to a particular set

For example:

$A = \{1, 2, 3, 4, 5, 6\}$

$B = \{4, 5, 6, 7, 8, 9\}$

Algebraic Properties (Refresher)





Topic 1!

Limits

