

Introduction to Analysis I (Fall 2025): Homework 1

- LSIRA stands for the textbook (Lindstrøm: Spaces An Introduction to Real Analysis).
 - You **must email your submission as a PDF file** to kbala@wsu.edu. You are welcome to write answers by hand, and scan the writings.
 - Your file name should identify you in the following manner. If you are Eric Cartman, you should name your submission EricCartman_Hw1.pdf—the starting term must be EricCartman and **NOT** Eric_Cartman or “Eric Cartman”, or other variants. You are welcome to add anything more to your filename *after* these terms, e.g., EricCartman_Hw1_Math401.pdf. **Please avoid white spaces in the file name :-).**
 - **Begin the SUBJECT of your email submission with the same FirstnameLastname, e.g., “EricCartman Hw1 submission”.**
 - The total points (given in parentheses) add up to 100.
 - **This homework is due in my email inbox by 5:00 PM on Thursday, August 28.**
-
1. (20) Meet with me (over Zoom or in person) briefly. You can do it during regular Check-In hours (no need to email me in that case). But if the my Check-In hours do not work for you, please set up a different time by emailing me.
 2. (20) LSIRA Section 1.1 Problem 2 (Page 8).
 3. (30) LSIRA Section 1.1 Problem 4 (Page 8).
 4. (30) LSIRA Section 1.2 Problem 5 (Page 11).