

Mathematics 1121H – Calculus II

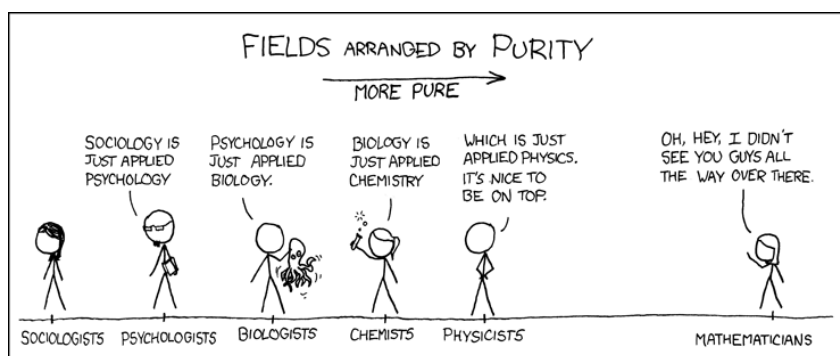
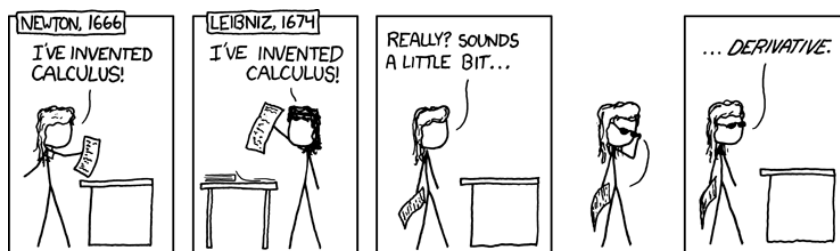
TRENT UNIVERSITY, Winter 2026

Assignment #1

Due on Friday, 16 January.*

Please read the handout *Darboux's Version of the Riemann Integral* before tackling this assignment. (Much of the material will be developed in lecture as well, so you might want to come to class. :-)

1. Prove Theorem 4 of the handout. [10]



From the webcomic *xkcd*, which can be found at <https://xkcd.com/> .

* You should submit your solutions via Blackboard's Assignments module, preferably as a single pdf. If submission via Blackboard fails, please submit your work to your instructor by email or on paper as soon as you can. You may work together, look things up, and use whatever tools you like, so long as you write up your submission by yourself and give due credit to your collaborators and any sources and tools you actually used.