

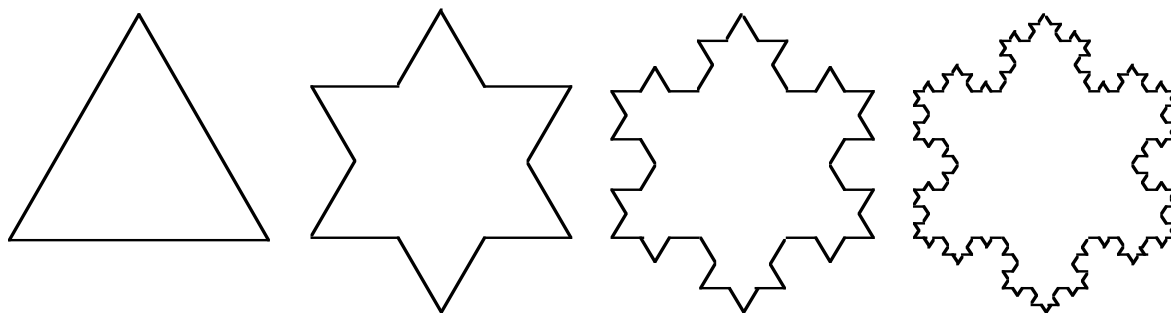
Mathematics 1110H – Calculus I: Limits, Derivatives, and Integrals

TRENT UNIVERSITY, Fall 2025

Assignment # π

Because winter is coming!

*Due on Monday, 27 October.**



A *snowball sentence* is a sentence that begins with a one letter word and in which each subsequent word has one more letter than the previous word. For example, “I am not here about fixing balking trailers,” is an eight word snowball sentence. The words in a snowball sentence should be spelled correctly, and the sentence should be both grammatically correct and make some sort of sense.

Variations on the idea include *reverse snowball sentences* in which each word is one letter shorter than the previous one, ending in a one letter word, and *back-and-forth snowball sentences* in which each word is one letter longer than the previous one up to some point, after which each word is one letter shorter than the previous one, beginning and ending with one letter words.*

1. Create an original (reverse) (back-and-forth) snowball sentence, making it as long as you can. [10]

NOTE: This is an extra assignment which would give you a larger pool from which the best are chosen to count towards the final mark. Really, though, it’s just to have something fun to do over Reading Week! :-)

ENJOY ~~CATCH-UP~~ READING WEEK!

Assignment #4 will go live on Blackboard at 06:00 on Saturday, 25 October.

* Please submit your solutions, preferably as a single pdf, via Blackboard’s Assignments module. If that fails, please submit them to the instructor on paper or via email to sbilaniuk@trentu.ca as soon as you can.

* We leave it to the interested reader to define reverse back-and-forth snowball sentences. :-)