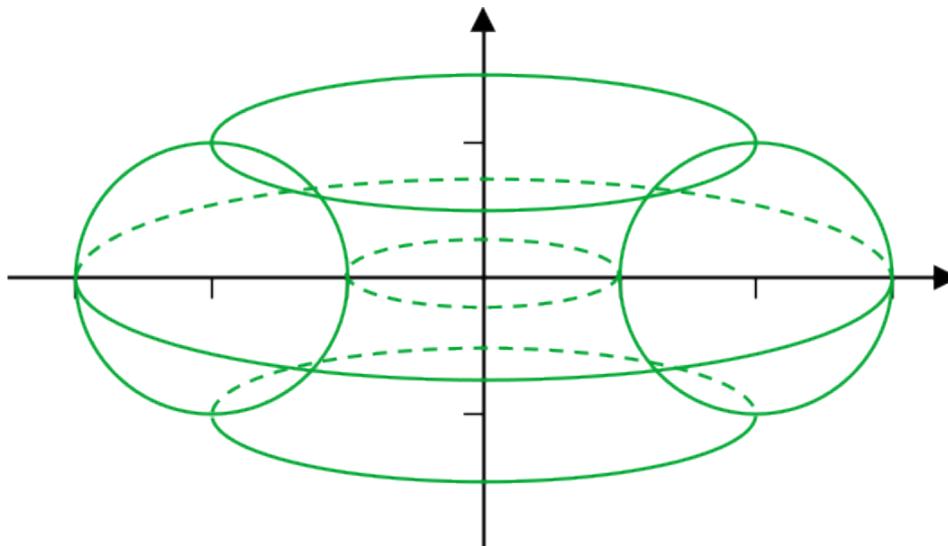


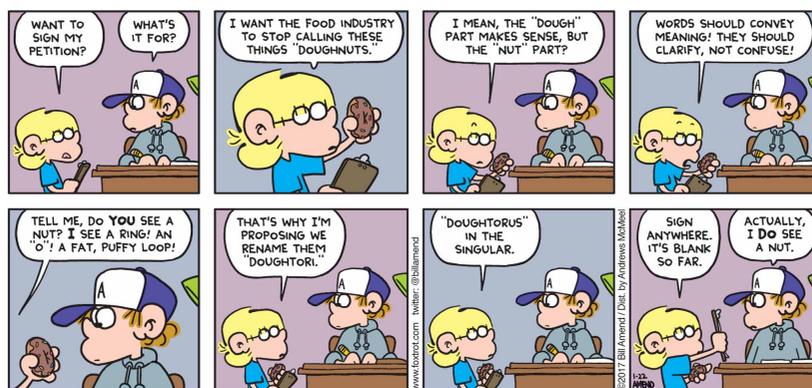
Mathematics 1110H (Section A) – Calculus I: Limits, Derivatives, and Integrals
TRENT UNIVERSITY, Fall 2024

Assignment #6
How Much Doughnut?
Due on Wednesday, 4 December.*

Consider the torus[†] obtained by revolving the circle $(x-2)^2 + y^2 = 1$ about the y -axis.



1. Compute the volume of this torus. [10]



FoxTrot, by Bill Amend, published on 22 January, 2017.

* 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.

[†] Basically, mathematician-speak for "doughnut". :-)