A note on antiderivatives

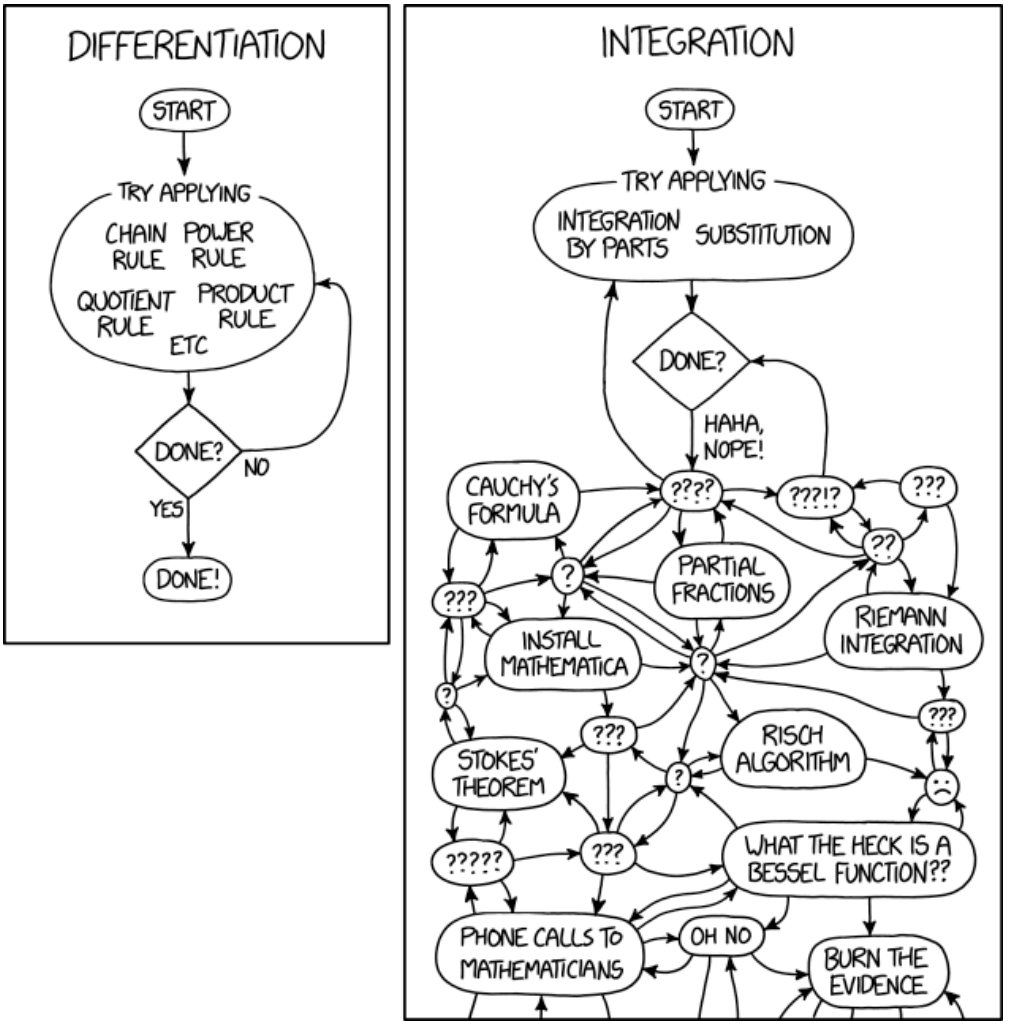
At this point, you might have realized that integrating will be a tool we use THROUGHOUT this course. Techniques which will be utilized often are:

- u-substitution
- integration by parts
- partial fraction decomposition.

However, trig-sub, etc., will also be used at times. We do not do an exhaustive review in this course, though we will try to work out some examples in detail.

Please consider consulting the Calculus Textbook linked on Canvas for more information on a particular technique.

Also, enjoy this **xkcd comic** (https://xkcd.com/2117/) :



WeBWorK module 04 exercises:

- Problems 4, 5

Relevant Wikipedia articles:

- **Some integration techniques** (https://en.wikipedia.org/wiki/Integral#Computation)