0.0.1 Question 1 (5 pts): Getting to know you

We'd like to learn about your math background. Answer both of the questions in the single cell provided below. (Please do not add any additional cells for your answer).

a). How do you learn math best?

b). What was the last math class you took? Where and when did you take it and how did it go?

After you have typed your answer in the cell run the cell (hold down shift + return).

a) Having a math minor and physics degree, I can say that the best way that I have discovered to learn math is to start with simple examples and then work my way up to more difficult problems. My strategy for learning anything is to first 'baseline' the idea / theorem and apply it to a simple example. Take for example integration in calculus. It would be a mistake to try to learn how to integrate by parts before one learns how to integrate a polynomial. So, starting with the polynomial integration, one should solve an integral that is straight forward. I do this for just about any math concept that I am trying to learn.

b) The last class that I took that was a pure math class (math being in the course code) was numerical analysis. I took this class at Colorado Mesa University when I was working on my physics degree and it went really well. I wasn't very fond of the topic because it was very mundane, but it was a pretty easy class for me.

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0.0.2 Question 11 (5 pts)

Exponential functions and their derivatives will be used in this class when we discuss probability distributions.

To brush up on Calculus, evaluate the following derivative by hand:

$$\frac{d}{dx}\left(e^{x/4}\right)$$

Type your answer in the cell below using Markdown and LaTeX

$$\frac{d}{dx}\left(e^{x/4}\right) = \frac{1}{4} \cdot e^{x/4}$$