**Math Dojo**

Objectives:

* Practice creating a class and creating new instances
* Practice chaining methods
* Practice writing flexible functions that can take a varying number of arguments

Create a Python class called MathDojo that has one attribute, *result*, and 2 methods: *add* and *subtract*. The 2 methods each must take at least 1 parameter, but could take many more.

*class MathDojo:*

*def \_\_init\_\_(self):*

*self.result = 0*

*def add(self, num, \*nums):*

*# your code here*

*def subtract(self, num, \*nums):*

*# your code here*

*# create an instance:*

*md = MathDojo()*

*# to test:*

*x = md.add(2).add(2,5,1).subtract(3,2).result*

*print(x) # should print 5*

*# run each of the methods a few more times and check the result!*

* Top of Form
* Create a MathDojo class
* Write the add method and test it by calling it 3 times, with different numbers of arguments each time
* Write the subtract method and test it by calling it 3 times, with different numbers of arguments each time
* Make sure you are able to chain methods as demonstrated above

Bottom of Form