Welcome To Math 5B
Professor Kathleen Hogue

If you are hoping to add and are not on the official (computer) wait list, you can sign your name on the list at the front and wait until I take attendance. Please leave the seats available for those IN the class.

Problem 1: Find $f(g(x))$ and $g(f(x))$, where

$$f(x) = \text{(pizza)} \qquad g(x) = \text{(pineapple)}$$

Problem 2

Given $f(x) = x^2 \cos\left(x^3\right)$

- find $f'(x)$
- $\int f(x)\,dx$

$f(x)=$ $g(x)=$

$f(g(x))=$

$g(f(x))=$