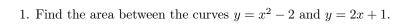
## Take Home Quiz 6

Official name (printed):



2. Find the area between the curves 
$$y = x^3$$
 and  $y = x^2$ .

3. Find the average value of the function 
$$f(x) = 2 + 3\cos(x)$$
 on  $[0, 2\pi]$ .