A quick review for Quiz 1, SH
Quiz 1 will mainly check that you are learning integration [Ch.5] by doing HW1 and HW2. There may also be 1-2 questions related to the Calc One review you did for Quiz 0 (see the previous review page), or to the recent reading / lectures, or maybe some True-False. For True-False practice you may use my Exam pages for MAC 2311 or 2312, or perhaps you can look for more examples online. Practice the formulas for the derivatives and anti-derivatives of trig and inverse trig, exp and $\ln$. For example:
$\int \tan x d x, \int \sin ^{2} x d x, \int \frac{1}{\sqrt{1-x^{2}}} d x, \int \frac{1}{e^{x}} d x$, and $\int \frac{1}{x} d x$.
but don't worry about these, which we have not gotten to yet: $\int \sec x d x$, $\int \ln x d x$, and $\int \cos ^{-1} x d x$.

Be prepared for all the topics we have covered in class such as average value, distance traveled, partitions, the definition of the integral and "integrable", the main summation formulas, the 3 main theorems in 5.4, initial-value problems, substitution, and area between curves. The questions on Quiz 1 will not be very long. It is unlikely I would ask you to do 5.2.43 or 47 , for example, or a textbook proof. But these could be on Exam I, and you should review the keys steps in them, and formulas such as $\Delta x=(b-a) / n$. Ch.6.1 will not be on Quiz 1 because it is too recent.

