(Pretend) Quiz 0

The quiz is (typically) 1 or 2 pages for a total of 20 points. This weeks quiz is not collected nor graded, but next weeks will be.

1. Use midpoint rule approximation and $n = 4$ rectangles to approximate the average value of $f(x) = 1/x$ over the interval $[1, 9]$.   (10 pts.)

2. Estimate the area under the curve $y = x^2 + 1$ over the interval $[-1, 1]$ using the trapezoid rule and $n = 4$ trapezoids.   (10 pts.)