Math 171 - Quiz 10

November 20, 2014

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (5 points) Use 4 subintervals of equal length and subinterval midpoints to compute a Riemann sum for $g(x) = x^2 + x$ on the interval $[0, 2]$.

2. (5 points) Let $f(x) = \dfrac{1}{x}$. Use 5 subintervals of equal length to compute a Riemann sum for f over the interval $[1, 2]$.