

Math 140, Section 5

Quiz #11

April 6, 2001

Note: Calculators are not allowed.

1. Let  $f(x) = x + 1$ . Consider the interval  $[a, b]$  where  $a = 1$ ,  $b = 2$ . Form a Riemann sum with three intervals of equal length, with  $x_1, x_2, x_3$  being the right endpoints of the intervals. Evaluate the sum.

2. Evaluate the definite integral  $\int_1^2 x + 1 \, dx$ .