

**Mathematics 122 Quiz #14**

Name: \_\_\_\_\_

1. Let  $f$  be a function defined on the interval  $[a, b]$ . Then what is the Riemannian sum for  $f$  obtained by dividing  $[a, b]$  into  $n$  equal parts?

2. Let  $f(x) = \frac{1}{x}$ . Then on the interval  $[2, 3]$  what is the Riemannian sum for  $f(x)$  which comes from dividing the interval into 4 equal pieces.