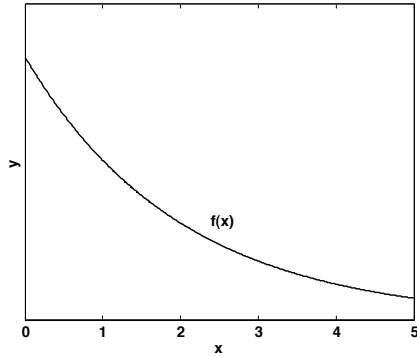
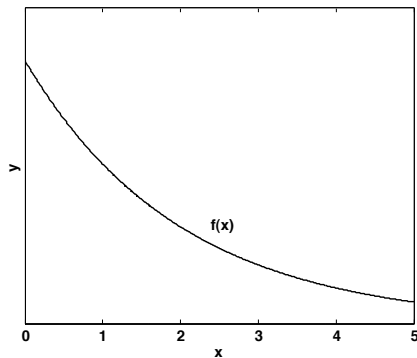


8. [12 points] For each of the following questions, draw a visual interpretation on the provided graph that would be useful in determining the specified quantity. Then write one complete sentence to explain your sketch.

a. [4 points] $\frac{f(4)-f(1)}{4-1}$



b. [4 points] $\frac{1}{3} \int_1^4 f(x) dx$



c. [4 points] $(f(2) + f(3) + f(4))$

