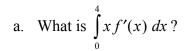
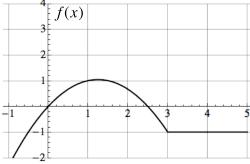
3. (35 points) The graph of f(x) on [0,4] is shown below. You may want to refer to it to answer the following questions.





b. What is  $\int_{0}^{2} x f'(x^2) dx$ ?