

Math 157 - Quiz 5

September 28, 2016

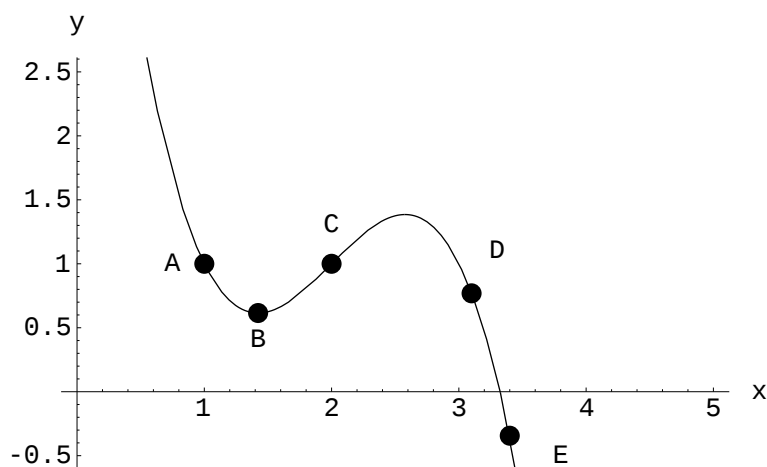
Name _____

Score _____

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

1. (4 points) Let $f(x) = 2/x^2$. Use at least four small intervals to estimate $f'(2)$.

2. (3 points) The graph of the function h is shown below. Think about the value of $h'(x)$ at each indicated point. List the points in order of increasing values of $h'(x)$.



3. (3 points) The following figure shows the graph of a function and its derivative. Which is which? Give at least two reasons (based on the shape of the graphs) to support your conclusion.

