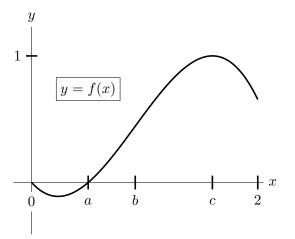
## **9**. [10 points]

The graph of a function y = f(x) with domain [0, 2] is given to the right, along with three points a < b < cin the interval (0, 2).

## Additionally:

- Note that f(0) = f(a) = 0 and that f(c) = 1.
- Suppose F(x) is an antiderivative of f(x).



In each part below, two quantities are separated by a box. In each part, state which of the two quantities is larger, or if they are equal, by clearly writing  $\langle , =, \text{ or } \rangle$  in the box if this is possible; otherwise, if there is not enough information to relate the two quantities, write NEI in the box.

