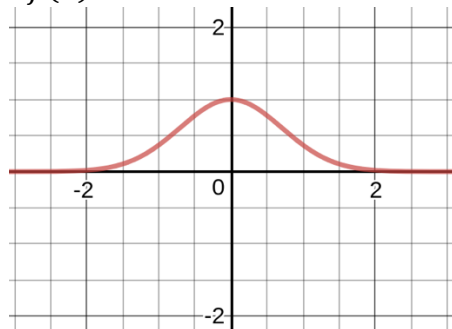


### Intellectual Need Task for FTOC Part 2

Below is a graph of the function  $f(x) = e^{-x^2}$ .



Determine an antiderivative to the function.