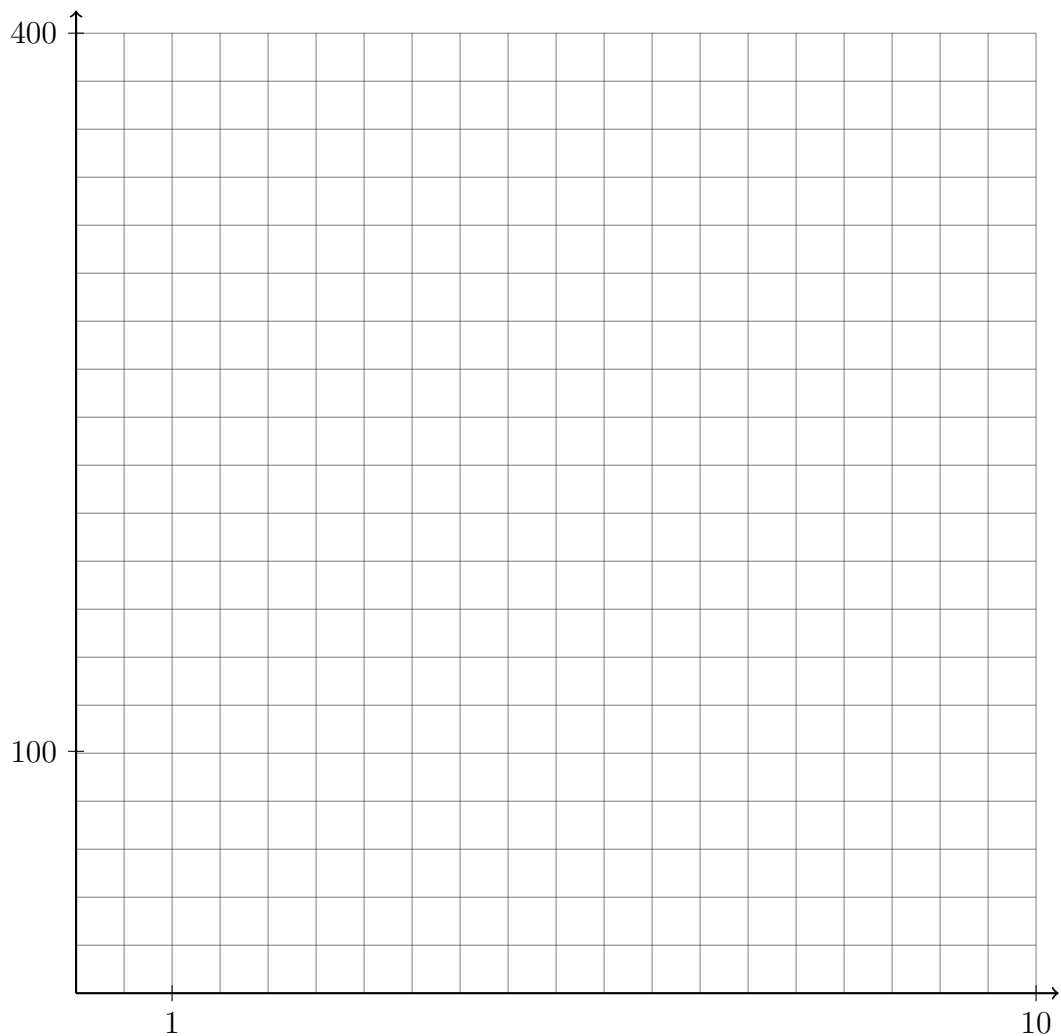


Graphing exponential functions

1. Graph $f(x) = 400(.85)^{2x} - 6$ on the set of axes below.



2. Is the function an example of exponential growth or exponential decay?
 - (a) Support your answer with evidence from the graph.
 - (b) Give an algebraic argument to explain your answer.