Name: _____

MATH 104
Spring 2023
HW 5: Due 05/04

"The greatest shortcoming of the human race is our inability to understand the exponential function."

−Albert Bartlett

Problem 1. (10pt) Showing all your work, solve the following equation:

$$\log_3\left(1 + e^{2x}\right) + 3 = 10$$

Problem 2. (10pt) Showing all your work, solve the following equation:

$$2^{1+\ln x} = 100$$