

For full credit, you must show all work and circle your final answer.

1

 (2 points) Solve the following IVP.

$$(e^x y + 1) dx + (e^x - 1) dy = 0, \quad y(1) = 1$$

2 (3 points) Solve the following IVP.

$$(x^2 + 1) \frac{dy}{dx} + xy - x = 0, \quad y(0) = 1$$

University of Florida Honor Code:

On my honor, I have neither given nor received unauthorized aid in doing this assignment.

Signature