

NAME: _____ Score _____ /10
Please **print** your name

1. What is the rule for the exponential function base 43? **Be sure to write your response as a rule.**
2. What is the inverse of \exp_3 ?
3. Evaluate $\exp \circ \ln(\sqrt{5})$
4. Solve the equation $3 + e^x = 5$
5. Solve the equation $\ln(3x - 5) = 1$