

Sheet #1151:

NAME: _____

EXP-LOG QUESTIONS

Period: _____

1. Find x .

$$5e^{2x+1} = 3$$

a, EXACTLY (NO TI-83)

b, if know $\ln(3) = 1.099$, $\ln(5) = 1.609$ (NO TI-83,
3 DECIMALS)

2. $\ln(1/2) = c \ln(2)$. Find c .

3. $\ln(\sqrt{x}) = a \ln(x)$. Find a .

4. $\log_3(7) = g \cdot \ln(7)$ Find g .