Addition to question #4, part c):

$$\lim_{x \to \infty} e^{-x} (x+1) = 0 \quad \& \quad \lim_{x \to \infty} e^{-x} (x+1) = -\infty$$

\*\* ASSIGNMENT IS NOW DUE FRI, MARCH  $20^{TH}$  \*\*