Worksheet
3/6/2019

Determine if each of the following integrals is Riemann integral or improper integral. Then evaluate the integral by any method you have learned.

(a) $\int_0^1 \ln x \, dx$

(b) $\int_0^1 \frac{x+1}{\sqrt{x}} \, dx$

(c) $\int_0^\infty xe^{-x^2}dx$