Math 301-122   Quiz 2 (A)

Name:...Sec#:...............ID#:.............................Ser#:.........

Q.1: Use integral definition to find Laplace transform of $f(t) = \sin(3t)$.

Q.2: Solve the initial value problem $y'' + 4y = e^{-(t-2)}u(t-2)$, $y(0) = 1$, $y'(0) = 0$