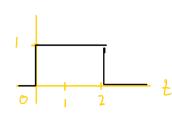
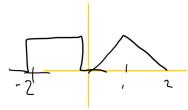
Convolution Check:

h(t) = r(t) - r(t-1)

1.) x(t)



$$x(t) = u(t) - u(t-2)$$

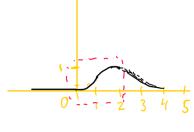


$$t < 0$$
: 0 $t = \int_{-t}^{0} x(t-T) r(t) dT = 0$

0< t < 2:

$$\int_{0}^{t} \chi(t-T) r(t) dT = \int_{0}^{t} t dt$$

y (t) =



@.5s =>.125

