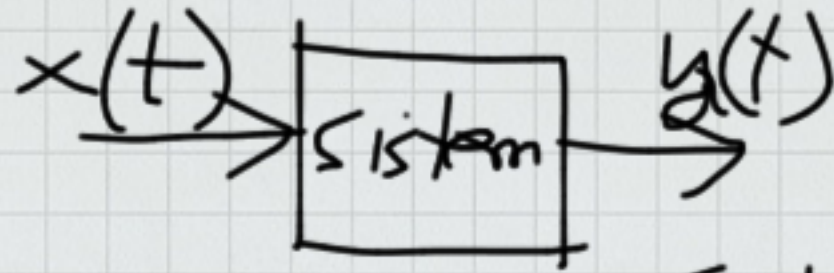


Contoh.

* Matematika :



Sistem A

Sistem B

$$y(t) = 10t x(t-10)$$

Sistem dengan ingatan
 $t=12$

$$\begin{aligned} y(12) &= (10)(12) x(12-10) \\ &= (10)(12) x(2) \end{aligned}$$

↑
diperoleh
dari ingatan

$$y(t) = 10(t-10)x(t)$$

Sistem tanpa
ingatan

$$\begin{aligned} y(12) &= 10(12-10)x(12) \\ &= (10)(2)x(12) \end{aligned}$$

↑
diperoleh
seketika