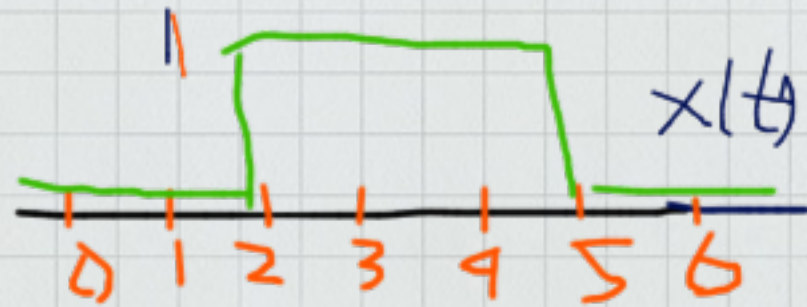


$$\mathcal{L} \delta(t-T) = e^{-Ts}$$

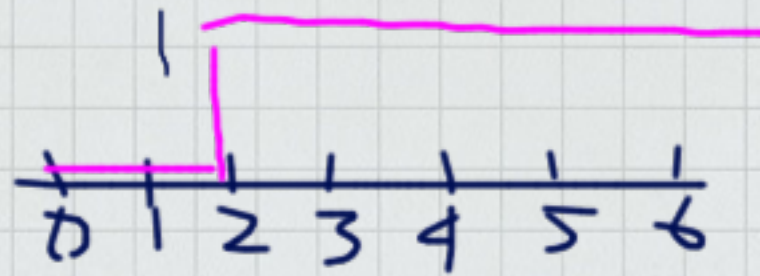
$$\mathcal{L} u(t-T) = \frac{1}{s} e^{-Ts}$$



$$x(t) = u(t-2) - u(t-5)$$

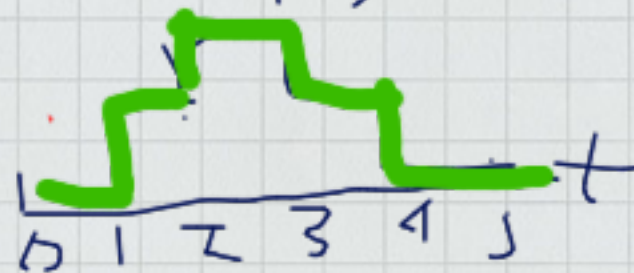
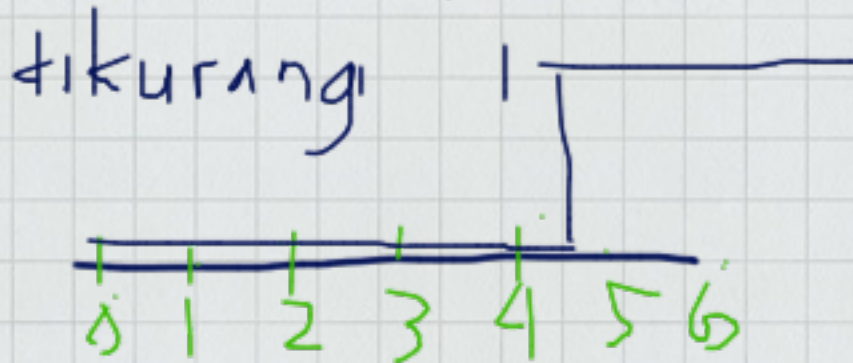
$$X(s) = \mathcal{L} x(t) = \mathcal{L} [u(t-2) - u(t-5)]$$

$$= \frac{1}{s} (e^{-2s} - e^{-5s})$$



Untuk latihan:

* Tentukan $x(t)$ dan $X(s)$.



* Gambar $y(t) =$
 $5u(t-1) - 3u(t-2) - 2u(t-3)$