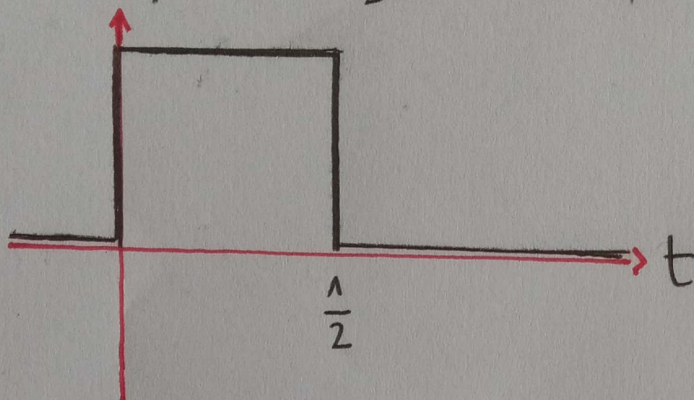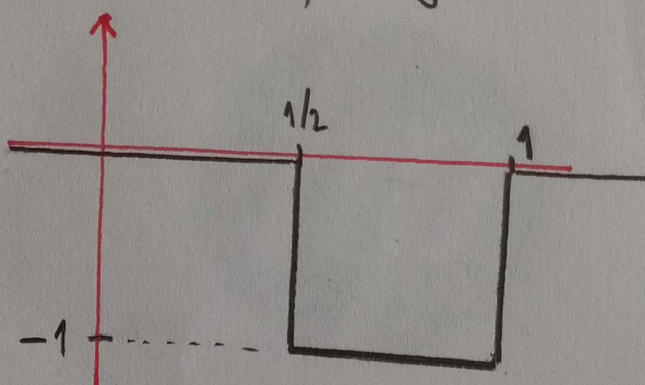# PROBLEMA GUÍA III | #5

Obs.
$$H(t) - H(t - \tfrac{1}{2}) = f(t)$$

Obs.
$$-\left(H(t - \tfrac{1}{2}) - H(t - 1)\right) = g(t)$$

∴ $\psi(t) = f(t) + g(t)$

o equivalentemente:

$$\psi(t) = H(t) - 2H(t - \tfrac{1}{2}) + H(t - 1) \quad //$$