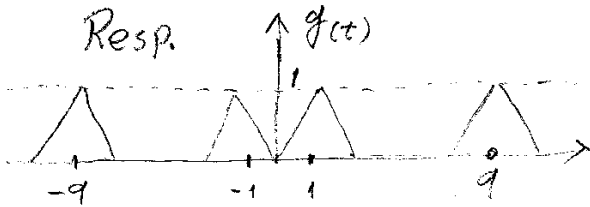


EJERCICIOS

DIBUJE $f(t)$

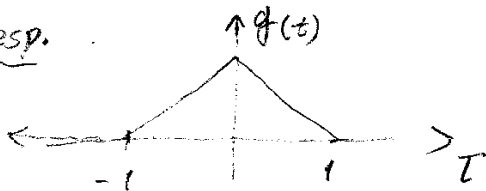
1) $f(t) = \text{rect}(t) * \text{rect}(t)$

Resp.

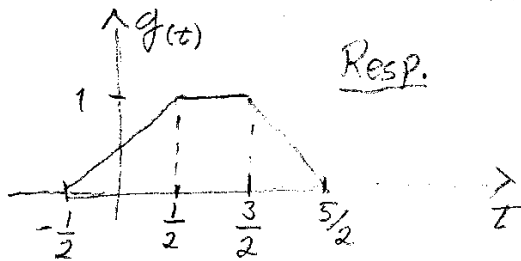


2) $f(t) = \text{rect}(t) * \text{rect}\left(\frac{t}{2}\right)$

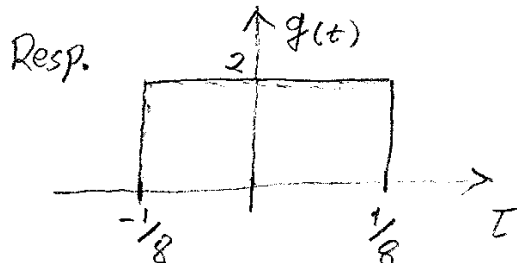
Resp.



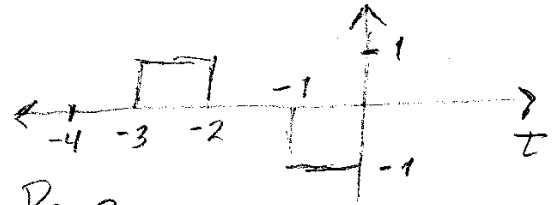
3) $f(t) = \text{rect}(t-1) * \text{rect}\left(\frac{t}{2}\right)$



4) $f(t) = \text{rect}(4t) * 4\delta(2t)$



5) $f(t) = e^{-t} \mu(t) * e^{-t} \mu(t)$



Resp.

6) $f(t) = \mu(t) * \text{sen}(\pi t)$

7) $f(t) = e^{-at} * \mu(t)$

$f(t) = \frac{1}{a}(1 - e^{-at}) \mu(t)$