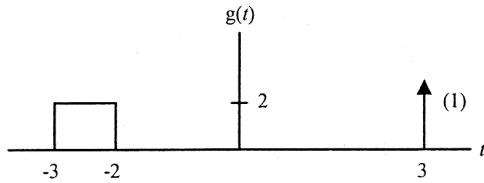


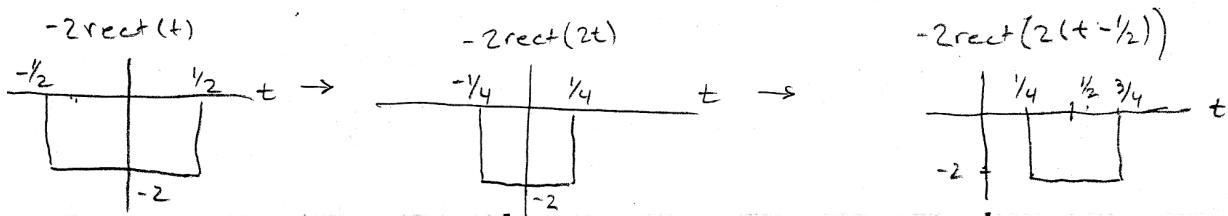
Label axes clearly on all plots!

1. Express $g(t)$ for the function in the plot using continuous-time singularity functions.

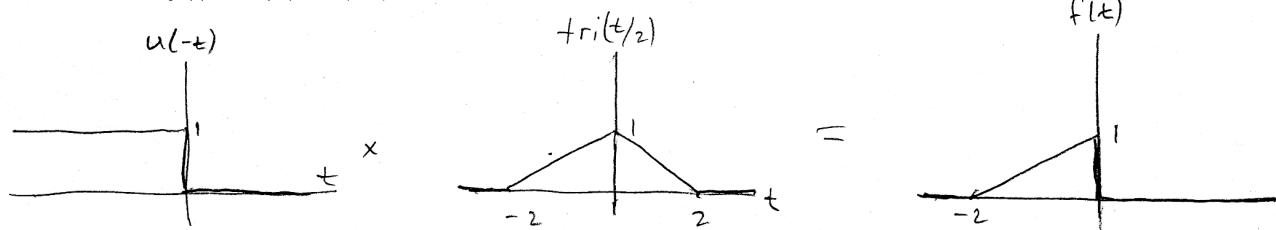
$$g(t) = \underline{2 \operatorname{rect}(t + 2.5) + \delta(t - 3)}$$



2. Either: Sketch $h(t) = -2 \operatorname{rect}(2t - 1)$.

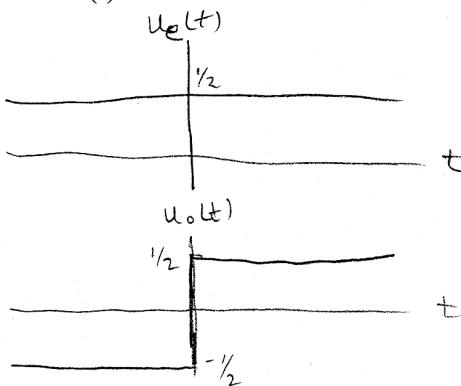


Or: Sketch $f(t) = u(-t) \cdot \operatorname{tri}(t/2)$

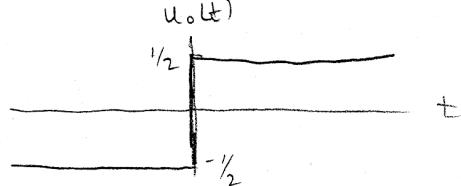


3. Find the even and odd parts of the unit step function $u(t)$ and sketch each of them.

$$u_e(t) = \underline{\frac{u(t) + u(-t)}{2}}$$



$$u_o(t) = \underline{\frac{u(t) - u(-t)}{2}}$$



Bonus: Who was the **second** man to step on the moon?

Buzz Aldrin