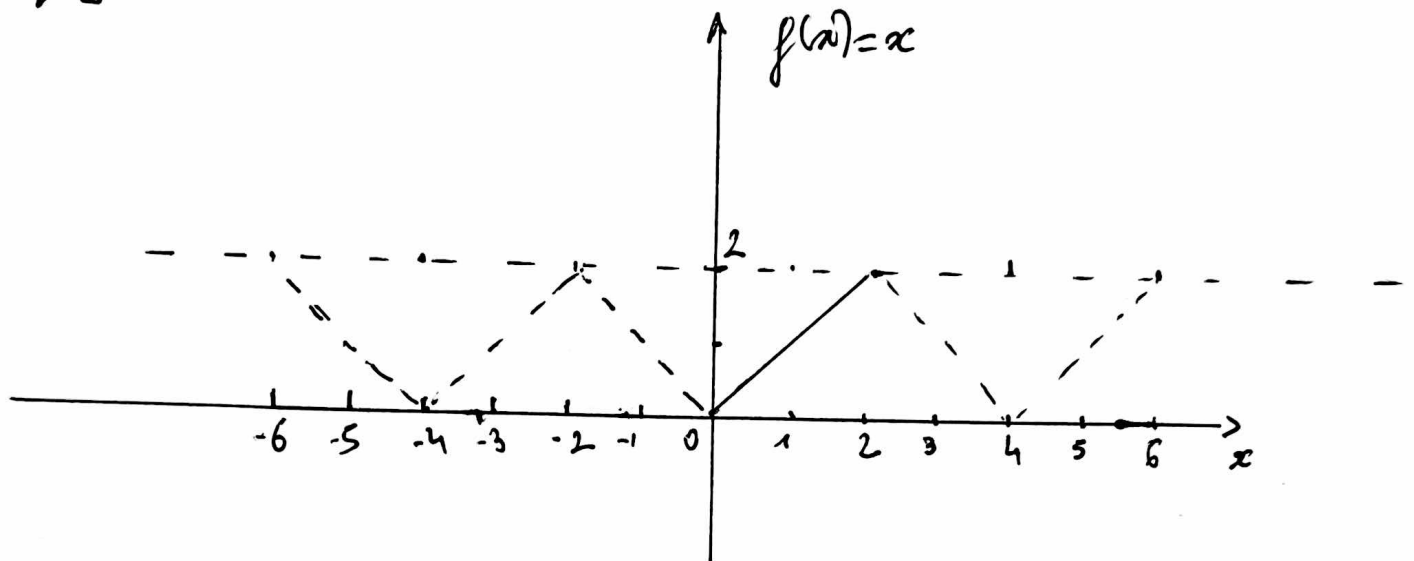
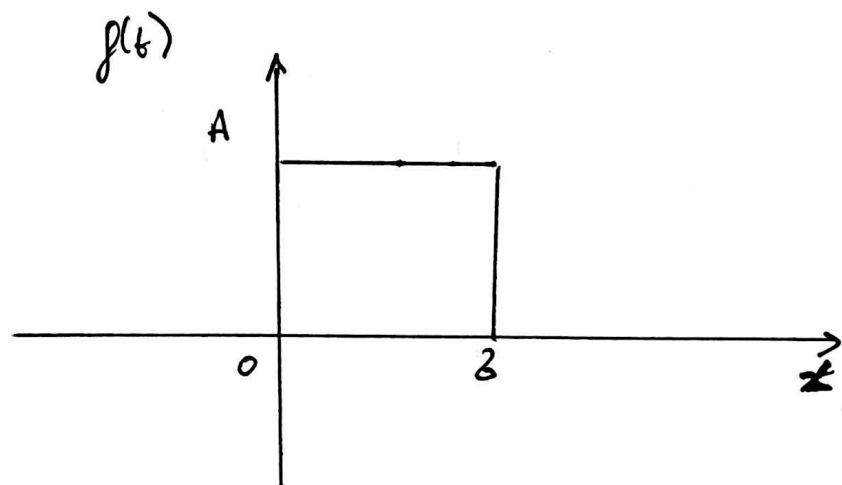


1. [a].



$f(x) = x, 0 < x < 2$  with even extension.

2. [a]



$$f(t) = \begin{cases} A & 0 < t < 2 \\ 0 & \text{otherwise} \end{cases}$$