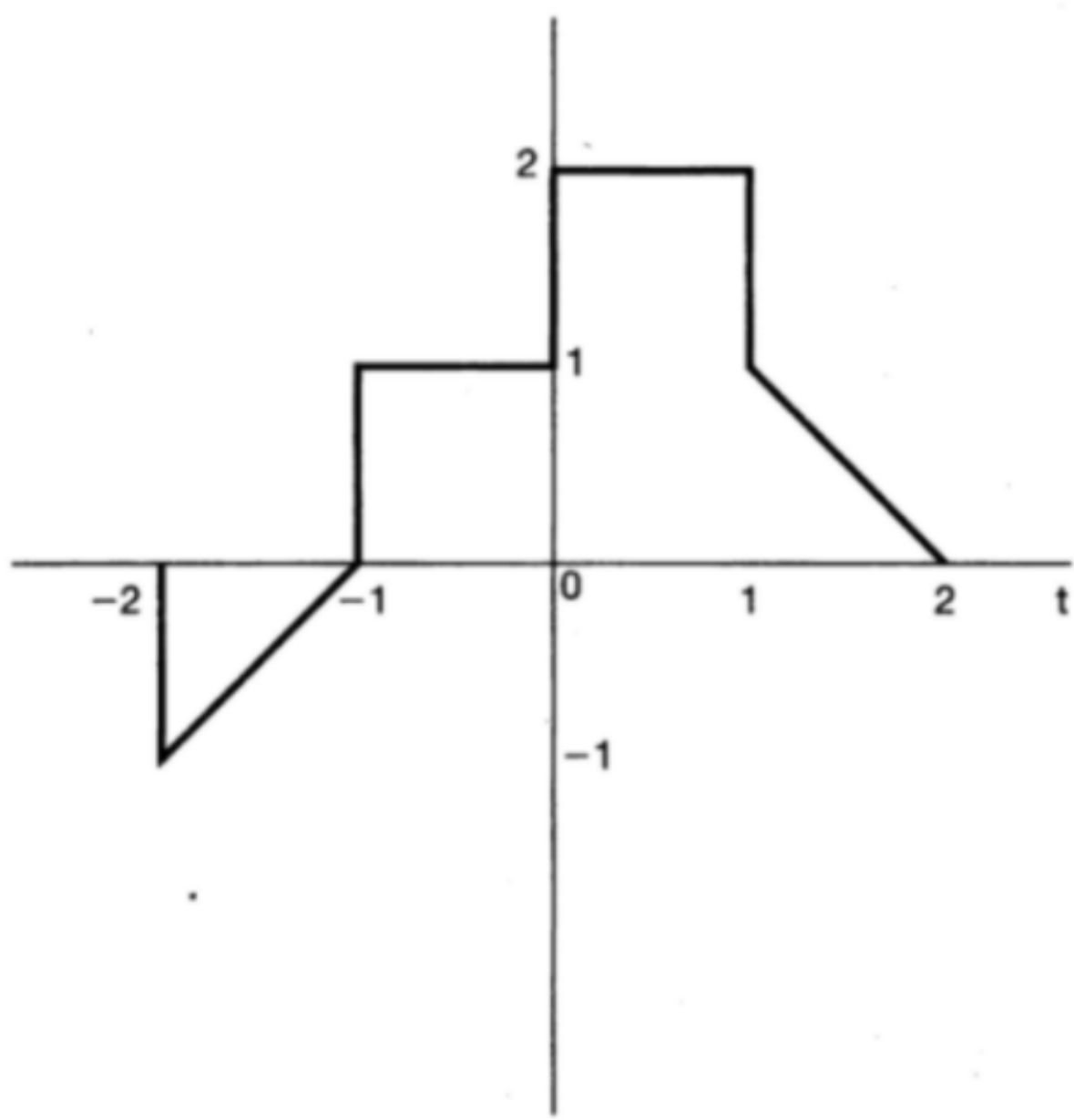


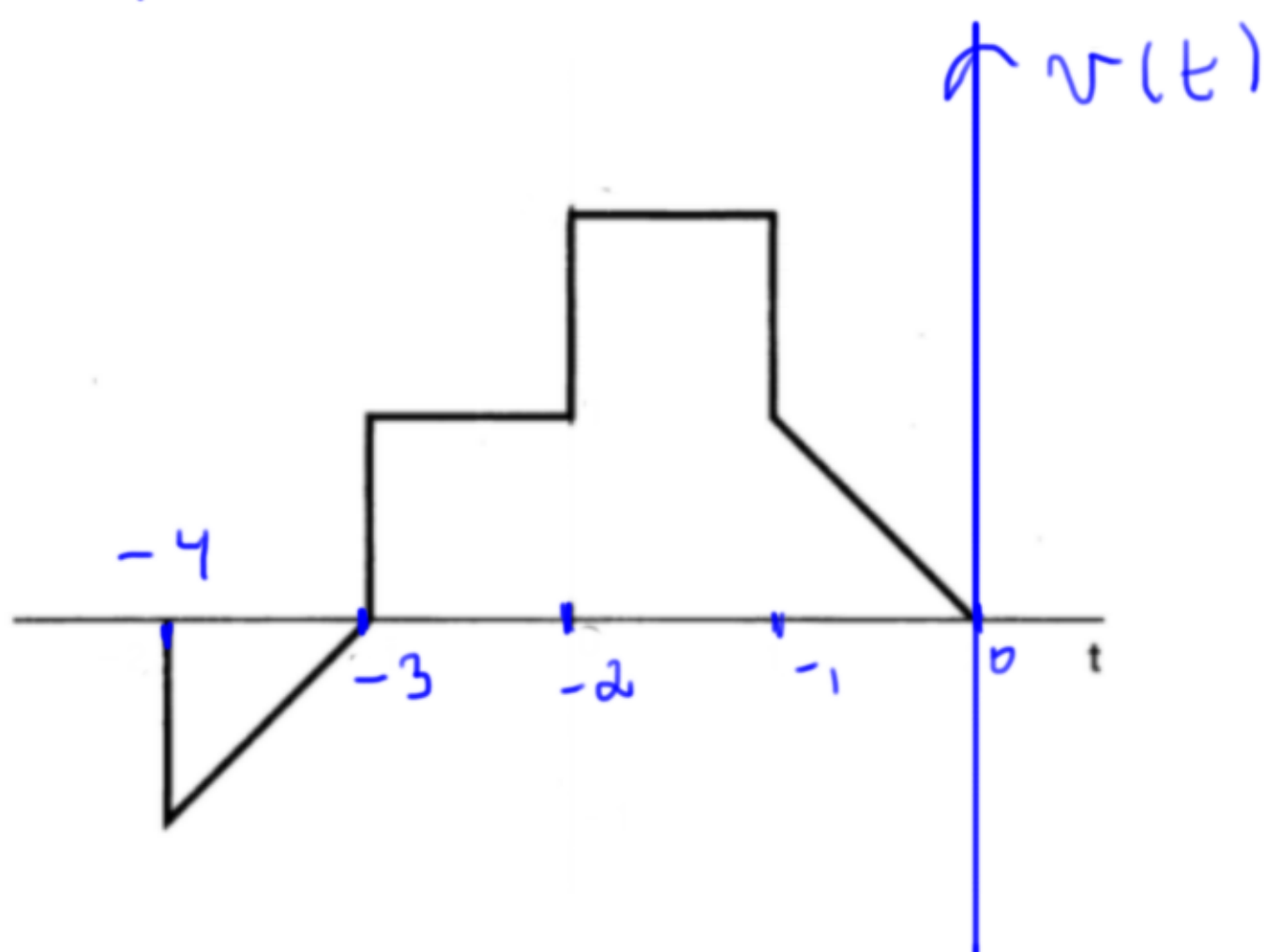
2)

Considere o sinal $x(t)$ mostrado abaixo. Desenhe o sinal para $x(2-t/2)$. Explique seu raciocínio



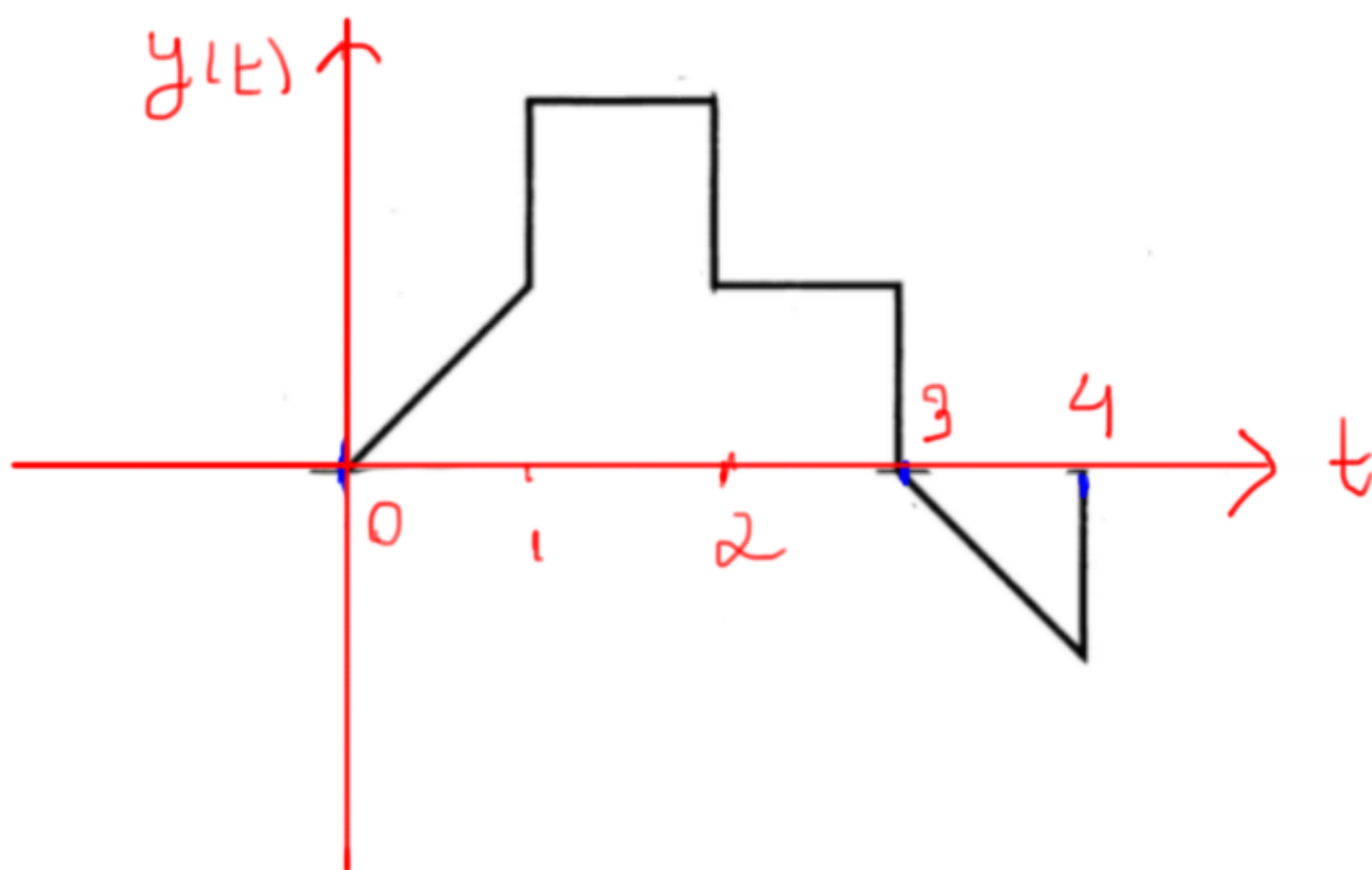
Primeiro devemos deslocar:

$$v(t) = x(t+2)$$



Em seguida espelhar

$$y(t) = v(-t) = x(-t+2)$$



Expandir 2x

$$w(t) = y\left(\frac{1}{2}t\right) = v\left(-\frac{1}{2}t\right) = x\left(2 - \frac{1}{2}t\right)$$

