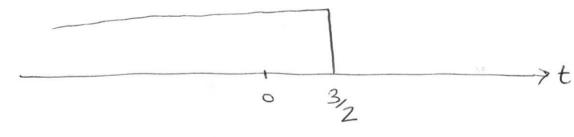


* Then define another variable Z(t) = y(-2t)

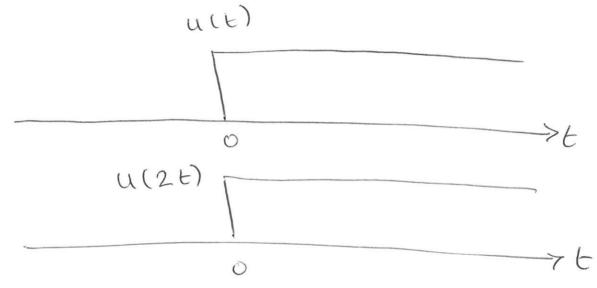
$$Z(t) = Y(-2t) = U(-2t+3)$$



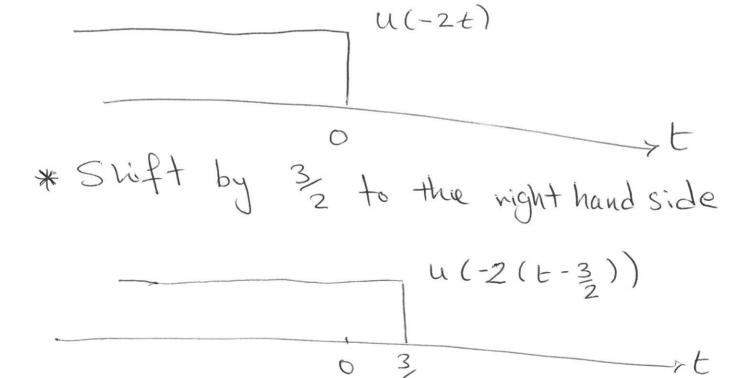
$$x(t) = u(-2t+3)$$

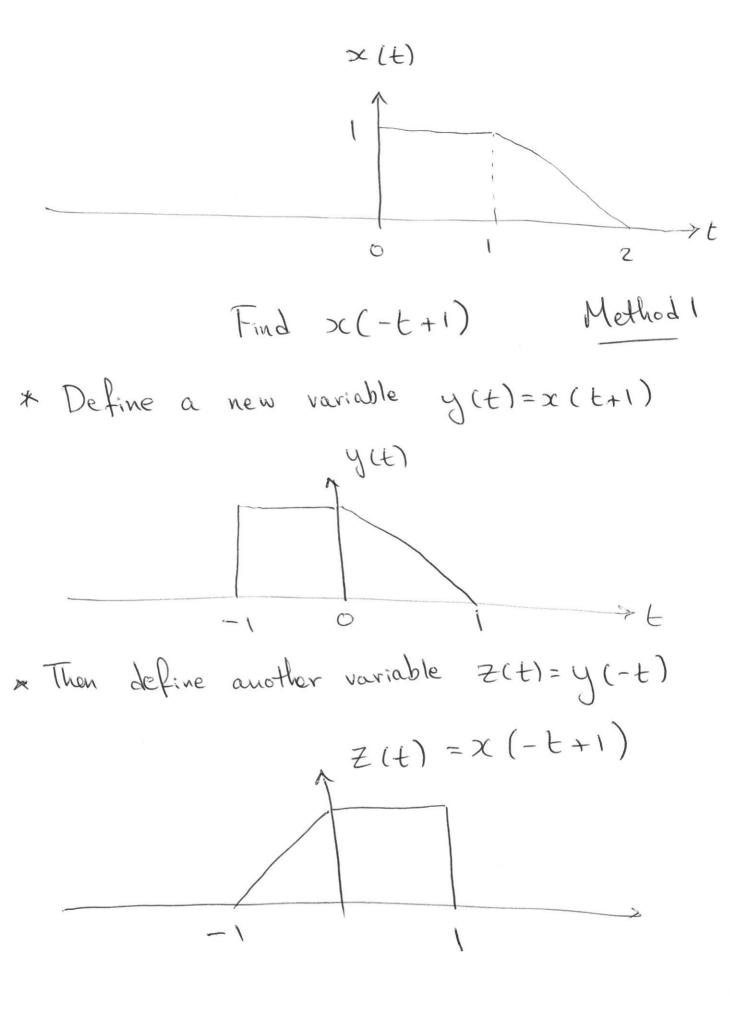
$$\neq$$
 rewrite as $x(t) = u\left(-2\left(t-\frac{3}{2}\right)\right)$

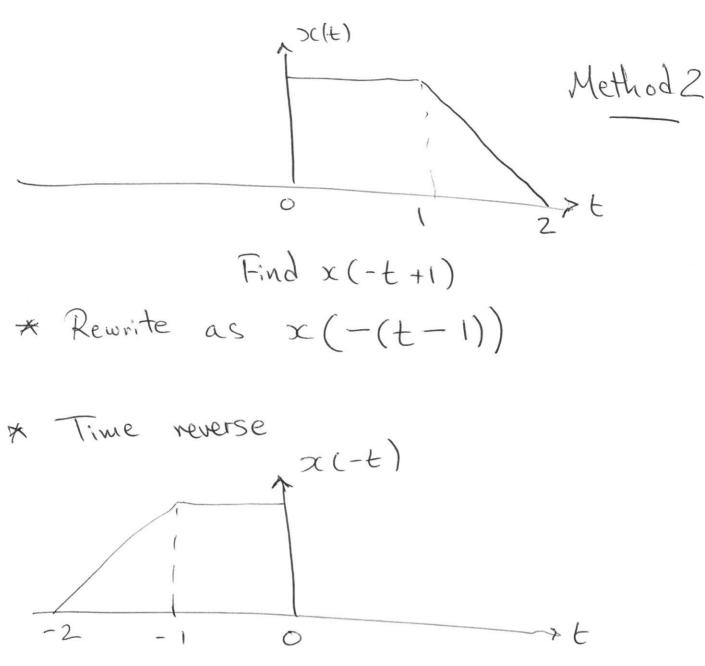
* Compress by 2

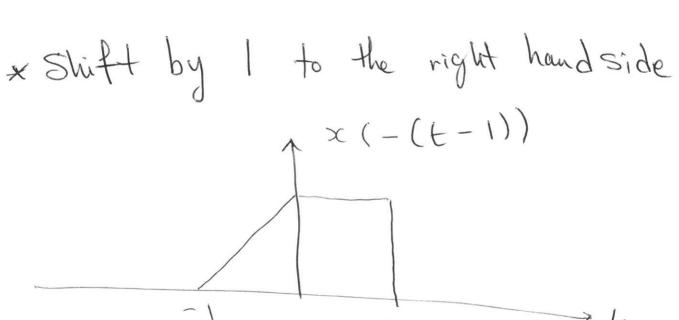


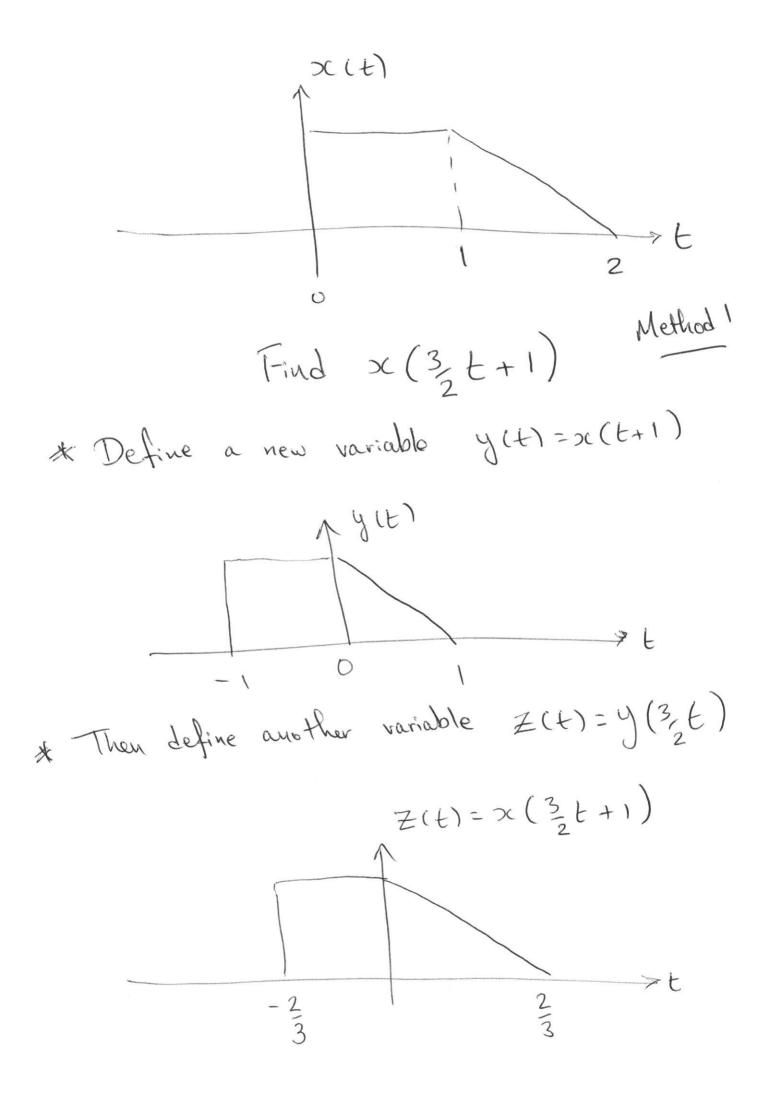
* Time neverse

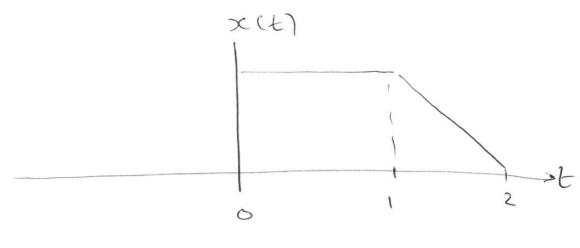












Method 2

* Shift by $\frac{2}{3}$ to the left hand side $x(\frac{3}{2}(t+\frac{2}{3}))$

