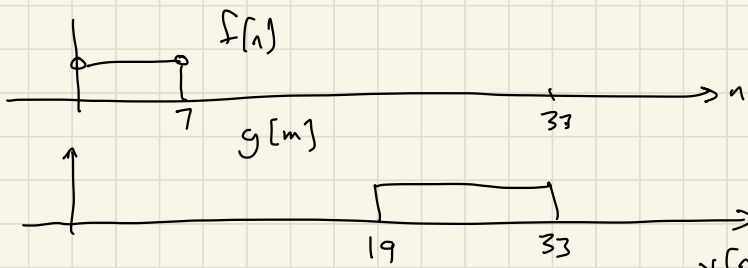
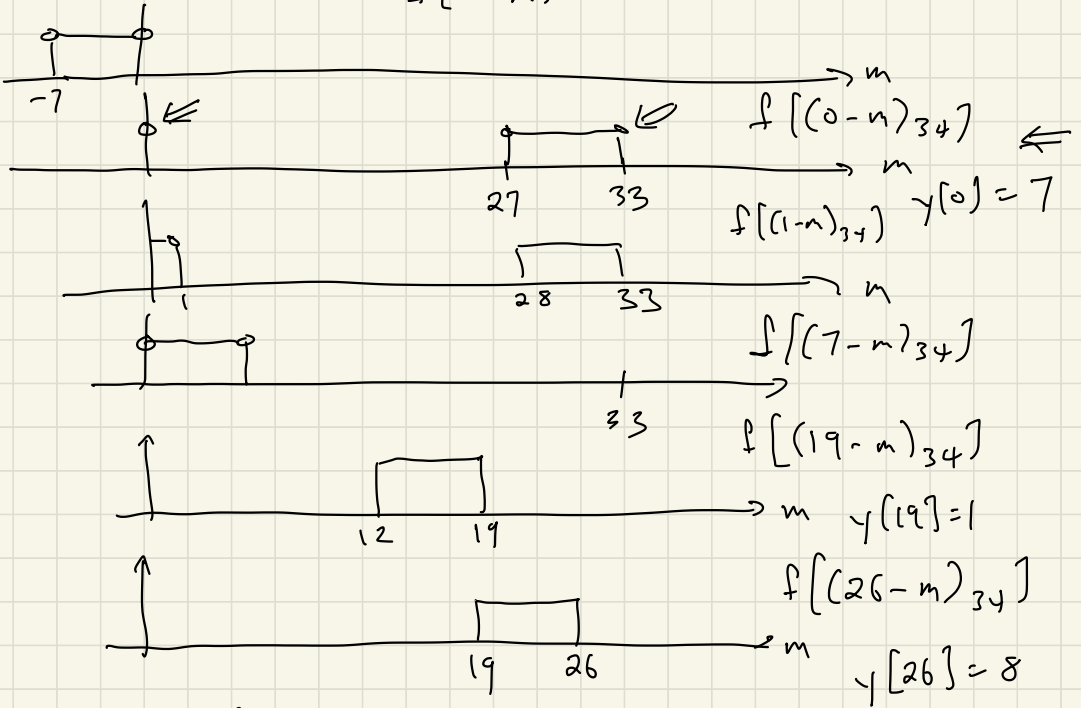
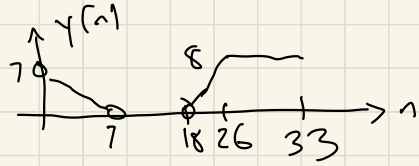


2024 November 1

$N=34, N-1=33$



$$y[n] = \sum_{m=0}^{33} g[m] f[(n-m)_{34}]$$



$$y[n] = \begin{cases} 7-n & 0 \leq n \leq 7 \\ 0 & 7 \leq n \leq 18 \\ n-18 & 18 \leq n \leq 26 \\ 8 & 26 \leq n \leq 33 \end{cases} = \text{DFT}^{-1} \{ F[k]G[k] \}$$