f) x[-] periodic with N=6 and x[n]=
$$\begin{cases} 1, & n=0 \\ 2, & n=1,2 \\ 0, & n=3,4,5 \end{cases}$$

$$\frac{1}{6} = \frac{1}{6} \sum_{h=6}^{\infty} x \ln \left[e^{\frac{1}{3} \frac{2\pi}{6} \ln h} \right] = \frac{1}{6} \left(e^{\frac{1}{3} \frac{\pi}{6} \frac{h}{6}} \right) = \frac{1}{6} \left(e^{\frac{1}{3} \frac{\pi}{6} \frac{h}{6}} \right$$