2.2. Consider the signal $h \, \text{In} \, J = \left(\frac{1}{2}\right)^{n-1} \left\{ u \, \text{In} + 3J - u \, \text{In} - 40J \right\}$.

Express A and B in terms of n such that $h \, \text{In} - kJ = \int_{0}^{\left(\frac{1}{2}\right)^{n-k-1}} A \leq k \leq B$.

, elsewhere.

 $N[n-k] = \left(\frac{1}{2}\right)^{n-k-1} \cdot \left(u[n-k+3] - \frac{1}{\alpha + (n-k+3)} u[n-k+3] -$

A= n-10, B= n+3