

(2-2)

loga(n) < 25/092(n) < 52n < n2.5 < 10° < n°

We know from our big O gadysis that the growth rates of function goes logarithmic, linear, polynomial, exponential

-logalal is the slowest. It is slower than 2 stayala) due to the fact we are doubling the latter

Next we move onto the liber function (sqrt of liner) san

Next is the polynomial n^{2.5}

Next are the exponential functions, n's 10° for all n > 10

Ann