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	T(nsk) = Expected Running Time for input of Size n and Went to find kth Smallest element
	$T(n) \triangleq Max T(n_3k)$
Size	(A) (B) ?- requally likely fer each n-1 n-2 (i.e. \frac{1}{n} is the probability
	2 tor each 2
	in (A) or in (B). So, we will consider Max size out of (A), (B).
enter of	T(n) = (n-1) + 2 * (T(n-1) + T(n-2) + + T(n-1)) $= (n-1) + 2 > T(1)$
	$\frac{1}{2} = \frac{n}{2}$



