	SPLASH
(1) 7/n)	87/n/2) + loon 2
WKT	$\frac{87(n/1) + 1000n^{2}}{7(n)} = \frac{87(n/1) + 1000n^{2}}{87(n/1)} + \frac{7(n)}{5(n)} + \frac{7(n)}{5(n)} = \frac{7(n/1)}{5(n)} + \frac{7(n)}{5(n)} = \frac{7(n)}{5(n)} + 7(n$
	T(n) = 27(n/p) + f(n) = cnd 2-8; b=2; f(n)=cnd
	e=1000, d=2
2	. 4
din	
	ie 8>22
way o	rester theorem $T(n) = O(n \log 6a)$
V	
	$= \frac{O(n + 1)^{2}}{O(n + 1)^{2}} = O(n^{3})$
(2) T(w)=	$27(n/2)+n^2$ a=2; $b=2$; $c=1$; $d=2$
	Since a<5°
	$7(n) = O(n^{d})$
	$T(n) = O(n^2)$
(3) 7(n)	= 2T(n/2) + 10n
	a=2, $b=2$, $c=10$, $d=1$
Since	
	R= b ^d
A	2=2'
Eq.	using masks theory (): T(n)= O(n log n)
	T(n)= O(n 19n)

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