```
Complejidad di problema del maximo ubarreglo
R = T(n) = \Theta(n|gn)
2-Compley dad del problema de multiplicaciós de enteros lagos con el tros de gavas
R = T(n) = \Theta(n^{1/3})
Bi-Complexidad del problema de multiplicació de matrices con el motodo
Strassen
R = T(h) = \Theta(n^{2.81})
4-Jene de iteraciones en las cualos se pualúa un elementa.
R = Algortmo Voaz
5- Metodologia par la mochila fracciona a
R = Algoritmos Voares
5- Fundoi que evalua el conjunto
Rapotho R=Solvaon
7- Funação que busca optimiza la solució excontada
R= Objetivo
8-. Función que se ocupa di seleccióna el elemento mais apropiado de
Un conjunto or or or dato,
R = Selectionar
9- Función que una vez seleccionade un elemento, evaluar si es partible
inclusso on la solución
R= Factibilidad
10-clual es la mevor noncre à preventa a los condidatos de la.
R= Ordendecreamle sigún su valor /pedo
11-Complejidad & Kruskal
R = T(n) = \theta(n | g n)
12. Mellada para construir un arbai de expansión minima
R = Algoritmo Kruskal
13-Es la acciói de volver a apparerer una cova con cierla frecario
R= [corina maosto
114-3-100
     1-- 50
     1- 25
     1-15
     1 -- 2
```

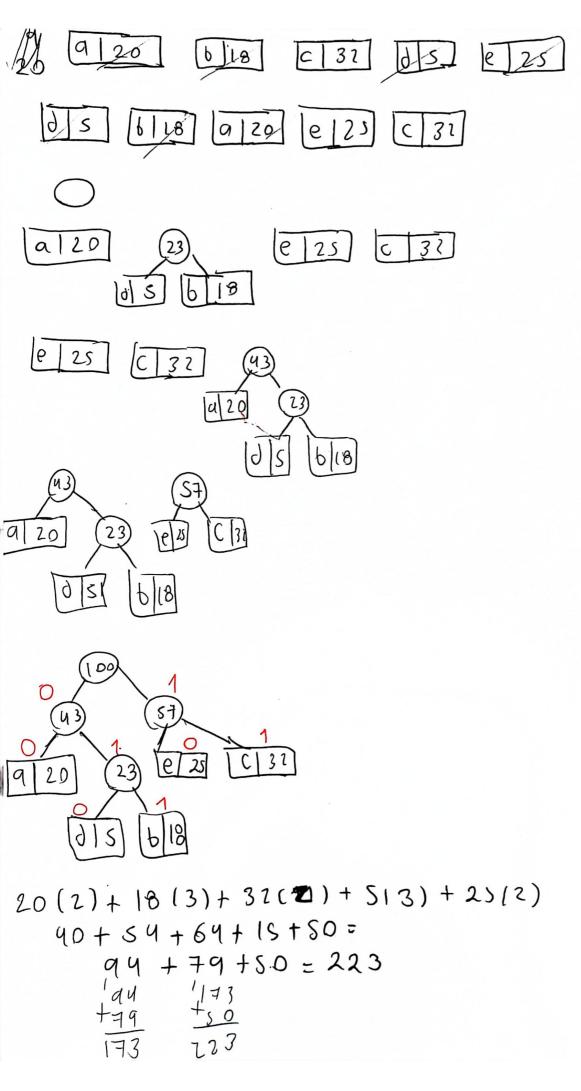
e)
$$T(n) = {}^{q}T(n/4)+1$$

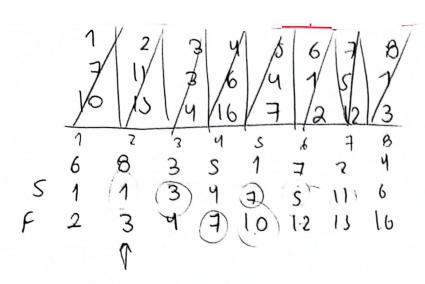
 $n^{\log q/2} = n^{0.5} = n^{0.5} > 1$
 $T(n) = \theta(n^{0.5}) \approx \theta(n^{1/2}) = \theta(\sqrt{n})$

<u>/</u>

social and colypse

100	1	,25,	15,5,	2,1 56		3= P 1= 0	S = 392
				0.5	ls	100	≤392 √
00)	100	100		23 4	l5 5	5=100 f=0	200€392 ✓
2 6						5=200 1=0	300€392 ✓
U						5=300	4005392X
						1=0 1=1	3505392√
						S= 350	31005392X
						s=300 1=2	37853921
						δ=375 1=2	90033a2X
						5=375 [= Z	3905392 √
						5=399	\$005392X
						5=390	395 ≤ 392 ×
						8=390	392 ≤ 392 √

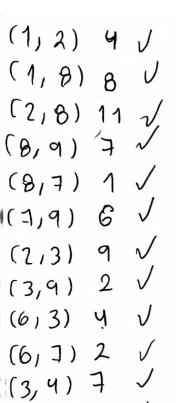




A = 1 2	3 7 7 11
6 A = 1 2	SCMJZFCKJ SCMJZFCK
k = 1	n = 8
M = 2	n=8 1 ≥ 2 ×
K = 1 M = 3	$n = 8$ $3 \geq 2$
R= 3 M= 4	4 2 4 1
K = 4 M = 9	コニチン
K=5 m=6	$S \geq 10 \times$
K=5 M=7	11 = 10 /
K= 7 M= 8	6 = 12 ×

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(4,5) 10 V

(4,6) is V

