Tricky2: To(n) = n. (n2+ (n2-1)+...+ (n2-Vn)). (n2/n) = n2 (n2+(n2-1)+...+ (n2-Vn)) $O(7_2) = n^2$

 $= n(n^{2}\sqrt{n} - (1 + 2 + \dots + \sqrt{n}))$ $= n(n^{2}\sqrt{n} - \frac{5}{k})$ $= n^{3}\sqrt{n} - n\frac{5}{k}$

Agri Trickyl: Tru) = Trickyl: Tru)

O(T1) = N3

A623 a.i Egyptian Multiplication (int x, int y) {
if (y==0) return 0;

if (y % 2) return x+Egyptian Hultiplication (x, y-1); return Egyptian Hultiplication (x+x, y/2);

a.ii. x = 10, y = 22, m = Egyptian Multiplication m(10,22) -> m(20,11) -> 20+ m(20,10) -> 20+m(40, 5) -> 60+m(40, 4) -> 60+m(80,2) -> 60+ m(160,1) -> 220+ m(160,0) -> (220)

AGRA a Tafirer les ma dista aquo non se air forsa supà No avadorica, pa rade storker danser uno dorga son la avalueta Pète libra va boer to hitotro 6701XELO

Acr4	в	m	1	1/	T
		0	0	6	[7,4,5,3,1,2]
			4:	14	[1,4,5,3,7,2]
		1	*5		[1,2,5,3,7,4]
		2	:3		[1,2,3,5,7,4]
		3	25	//	[1,2,3,4,7,5]
	100	4	:5	1/1	[1,2,3,4,5,7]
				1/1	
			-		

8. $O(Alg) = (n-1)(2 + (1+2+...+u)) = 2n-2 + (n-1) \sum_{k=0}^{n}$ O(Alg) = u

A622 a. Vew Sirs. Eiven $\Theta(n)$ 6. Vew Sirs. Eiven $O(n^2)$ 7. Vew Sirs. Eiven O(1)