

$$\text{OPT}(0,2) = x = 'n'$$

$$\textcircled{1} \text{ OPT}(0,1) + \delta(x, y_2)$$

$$1 + 1 = 2$$

$$\textcircled{2} \quad 1$$

$$\textcircled{3} \quad 3$$

	0	1	2	3	4	5	6	7	
*	A	T	C	G	T	A	C		
A	0	1	2	3	4	5	6	7	0
T	1	0	1	2	3	4	5	6	1
G	2	1	0	1	2	3	4	5	2
T	3	2	1	0	1	2	3	4	3
T	4	3	2	1	0	1	2	3	4
T	5	4	3	2	1	0	1	2	5
A	6	5	4	3	2	1	0	1	6
T	7	6	5	4	3	2	1	0	7

$\text{OPT}(7,7)$
 \downarrow
 $\text{OPT}(6,6)$
 \downarrow
 $\text{OPT}(5,5)$
 \downarrow
 $\text{OPT}(4,4) \rightarrow \text{OPT}(3,4)$
 \downarrow
 $\text{OPT}(3,3)$

A
A

