



	0	1	2
0	1	3	1
1	1	<u>5</u>	1
2	4	2	①

$ij \rightarrow i, j+1$   
 $i+1, j$

$func(arr, i, j) \leftarrow$   
 $ij(\text{out of bounds}) \text{ returns } \infty$

$int \text{ right} = func(arr, i, j+1);$   
 $int \text{ down} = func(arr, i+1, j);$   
 $return \text{Math.min(right, down)} + arr[i] * arr[j];$

}