Fill in the CYK dynamic programming table to parse the sentence below. In the bottom right corner, draw the two parse trees.
Show the possible nonterminals in each cell. Optional: draw the backpointers too.

Grammar	
S → NP VP	NP → she
NP → NP PP	NP → fish
VP → V NP	NP → fork
VP → VP PP	NP → chopsticks
PP → P NP	V → eats
	V → fish
	P → with

0 **NP** she
1 eats
2 fish
3 with
4 chopsticks
5