

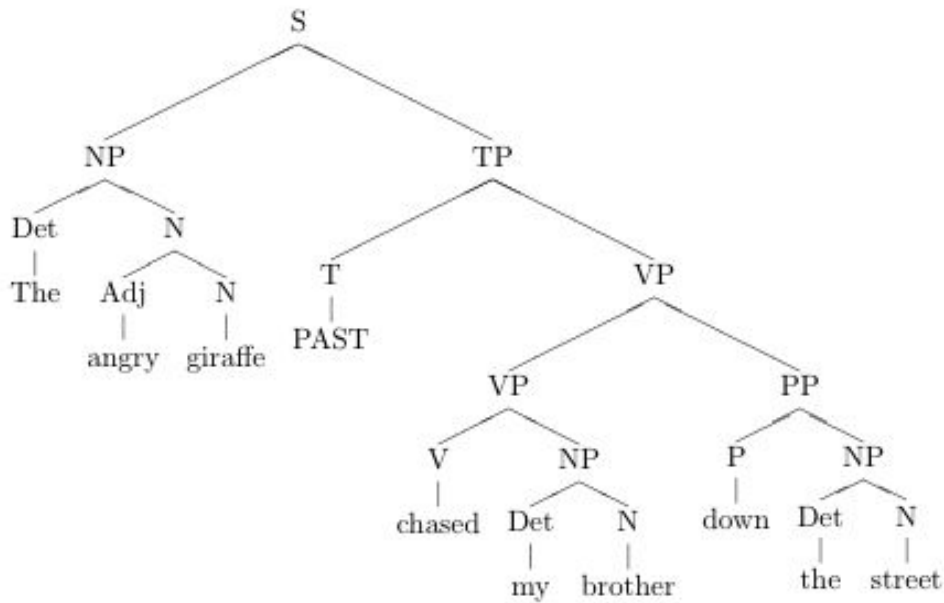
Linguistics 001
Spring 2009
Homework 3: Answers

I. Constituency

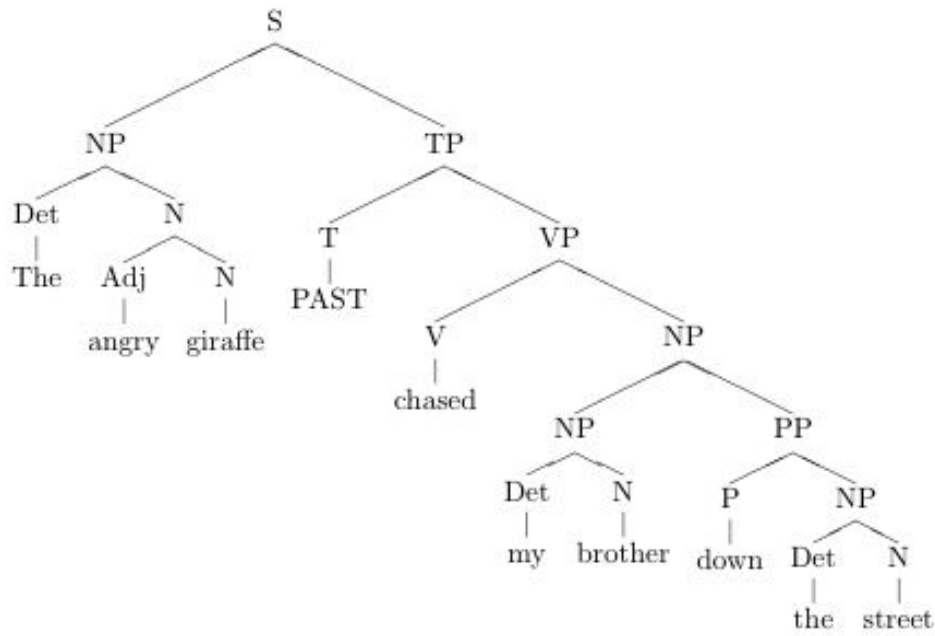
- a. I said a politician lied yesterday, and *tell several lies at least one politician did yesterday*.
= A constituent
- b. *The wrong textbook*, Amazon shipped my friend.
= A constituent
- c. *The very hungry caterpillar *did* and three plums on Wednesday.
= Not a constituent
- d. *He* tripped on the library steps.
= A constituent

II. Tree Structures

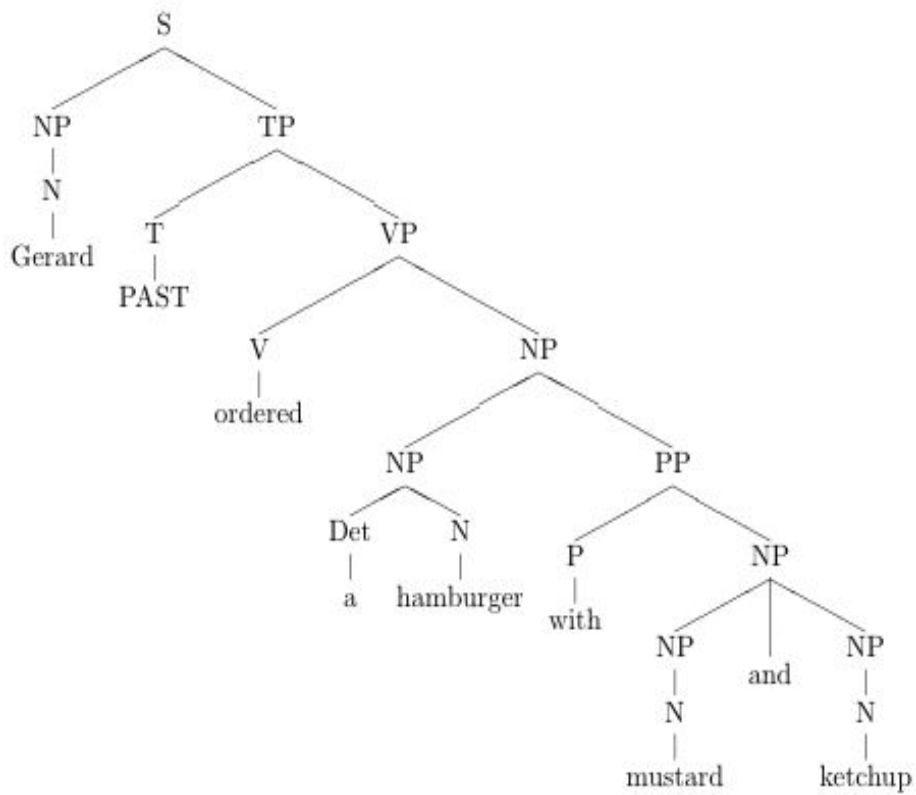
a.



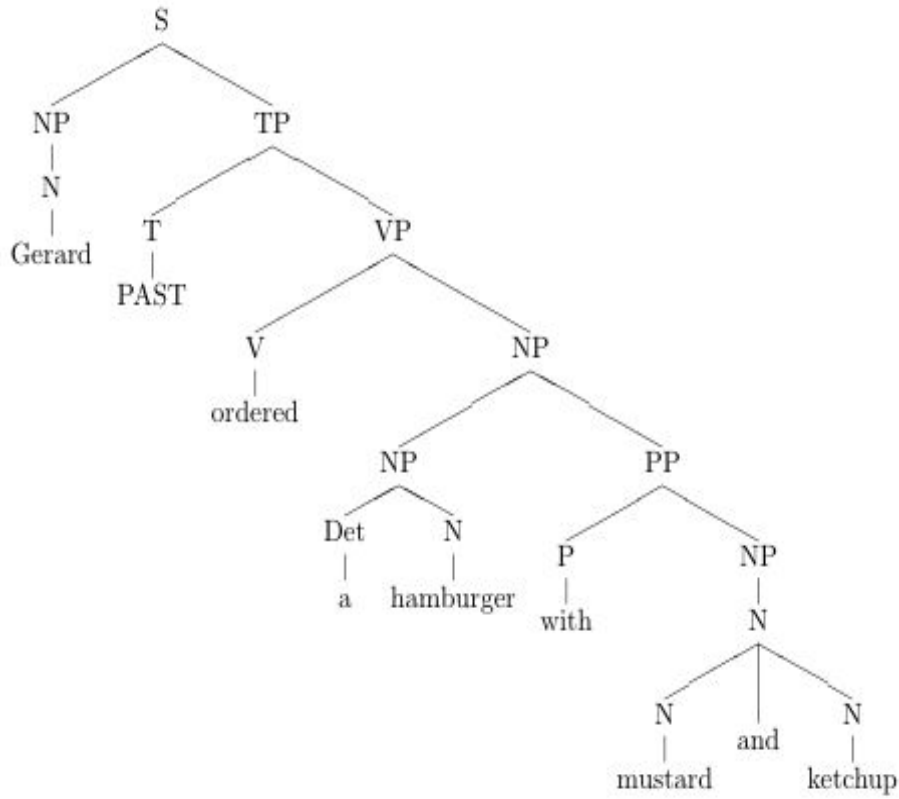
Or, arguably:



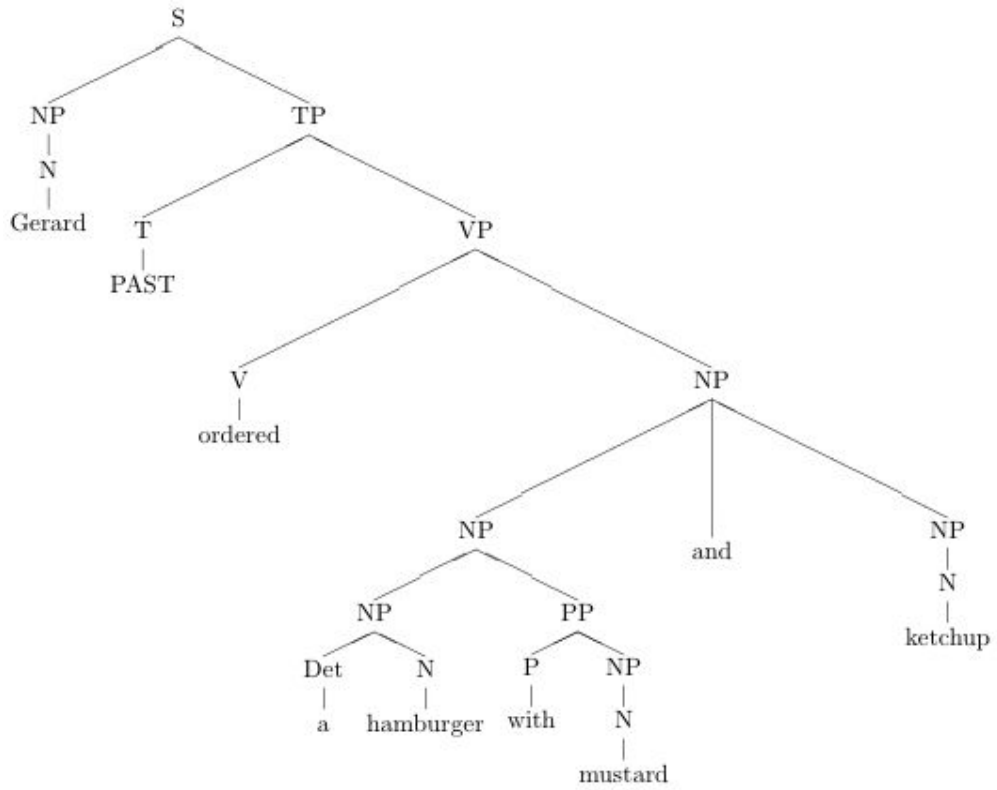
b.



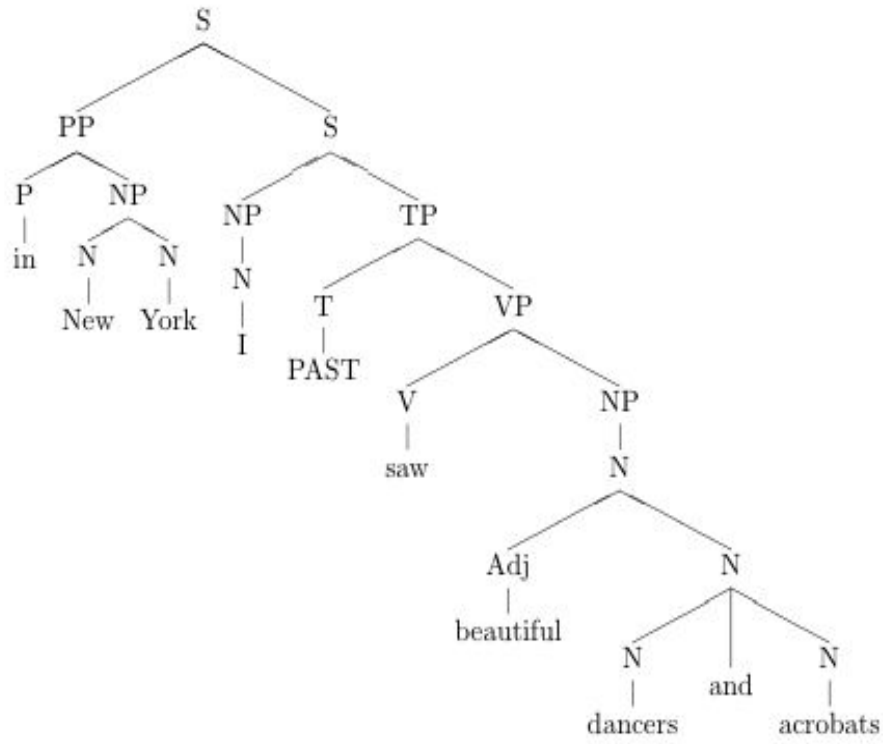
Or:



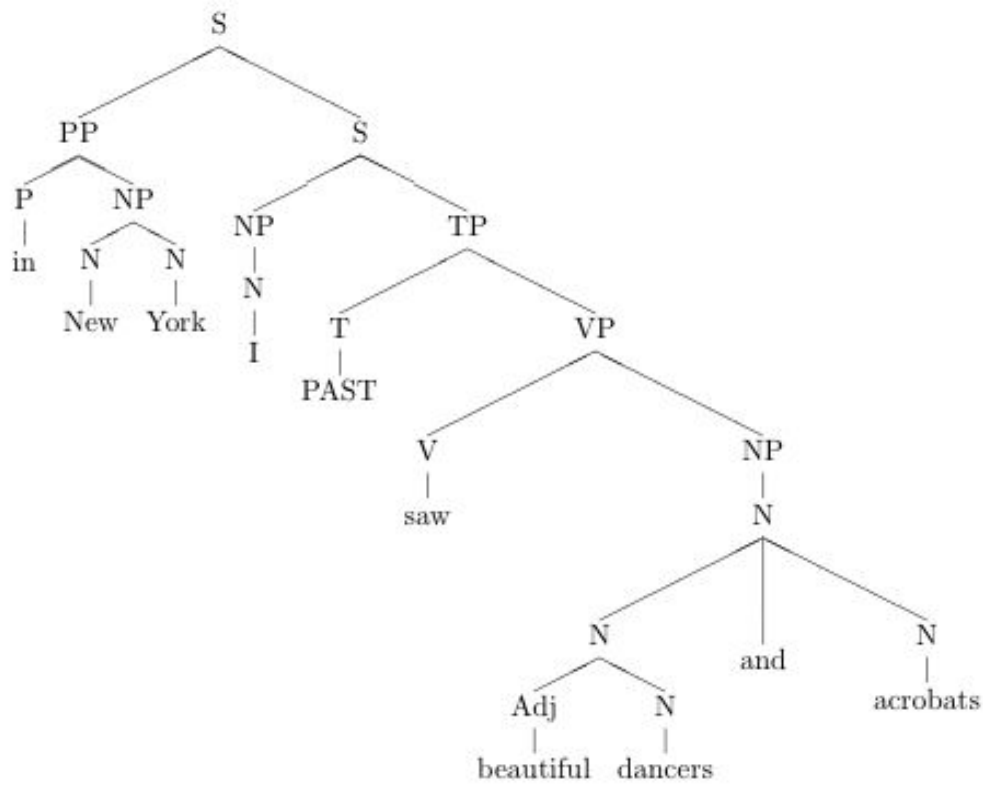
Less good, but ok:



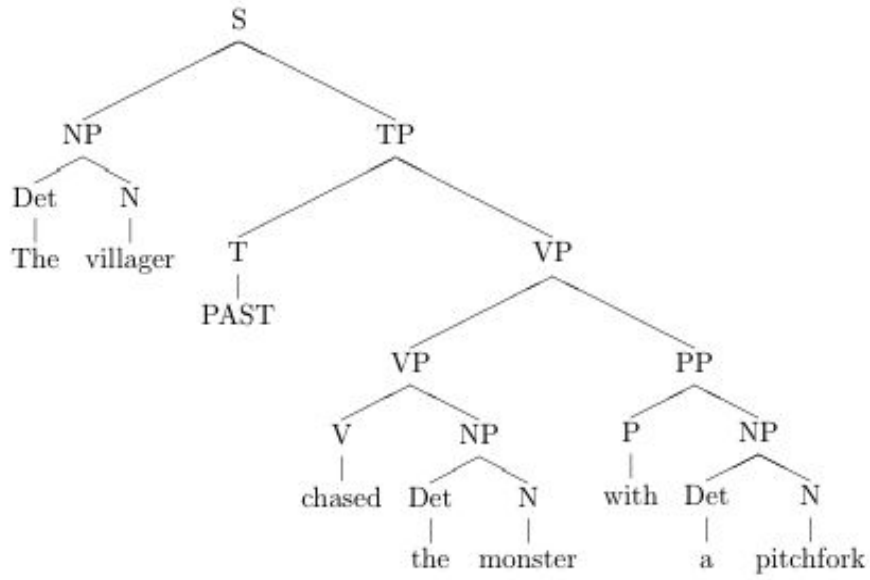
c.



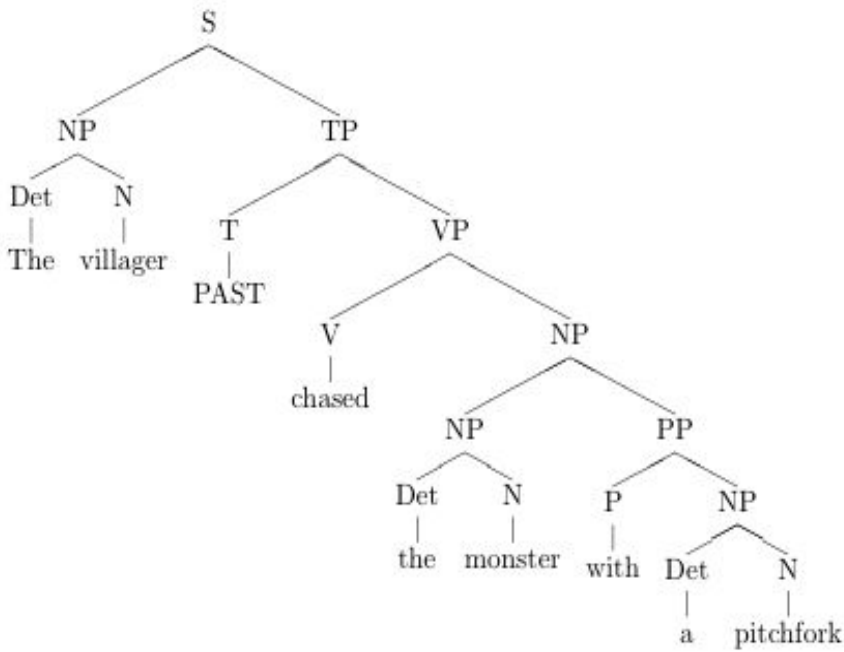
And:



d.



And:



III. Recursive Structures

Rule (a) is recursive on the NP.

IV. Traces

- a. Who *t* will hit Bill? (Declarative: John will hit Bill)
- b. Who will Bill hit *t*? (Declarative: Bill will hit John)

The difference between these two sentences is based on whether the movement is from subject position or object position. If the subject moves, the “gap” in the sentence will be before the verb; if the object moves, the “gap” will be after the verb.