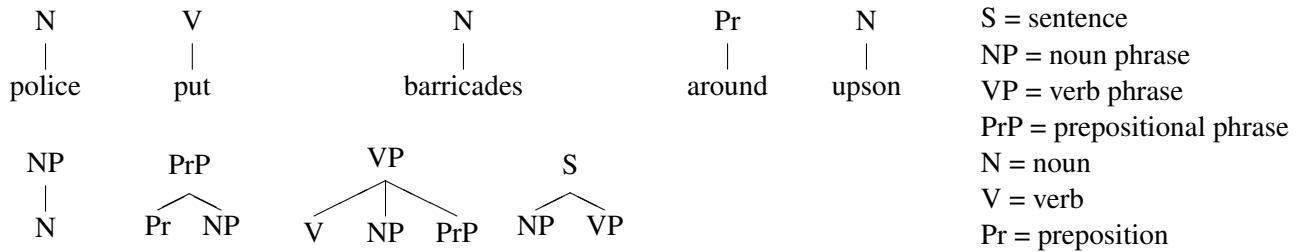
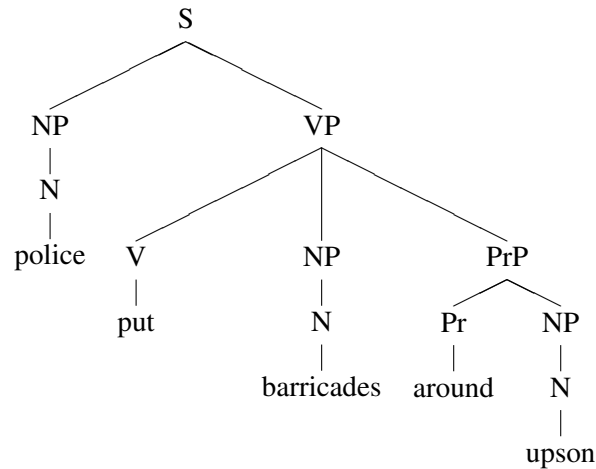


1. A context-free grammar.

1(a)



1(b) A parse of the sentence “police put barricades around upson”



1(c) An alternate notation (in which we often omit pairs of brackets that aren't of immediate interest):

[Police [[put]_V [barricades]_{NP} [around Upson]_{PrP}]_{VP}]