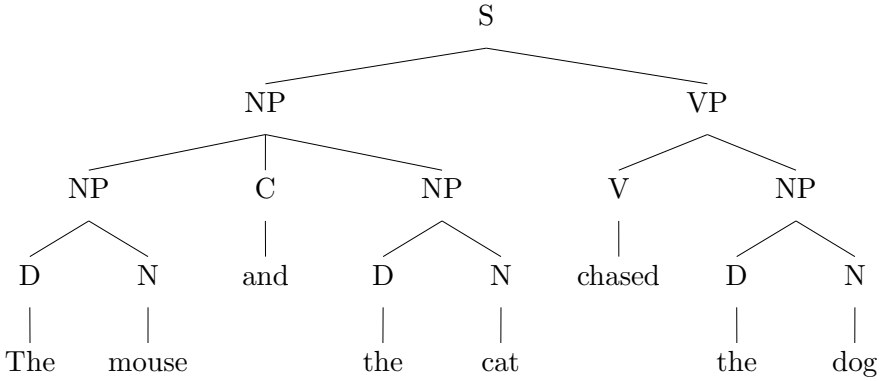
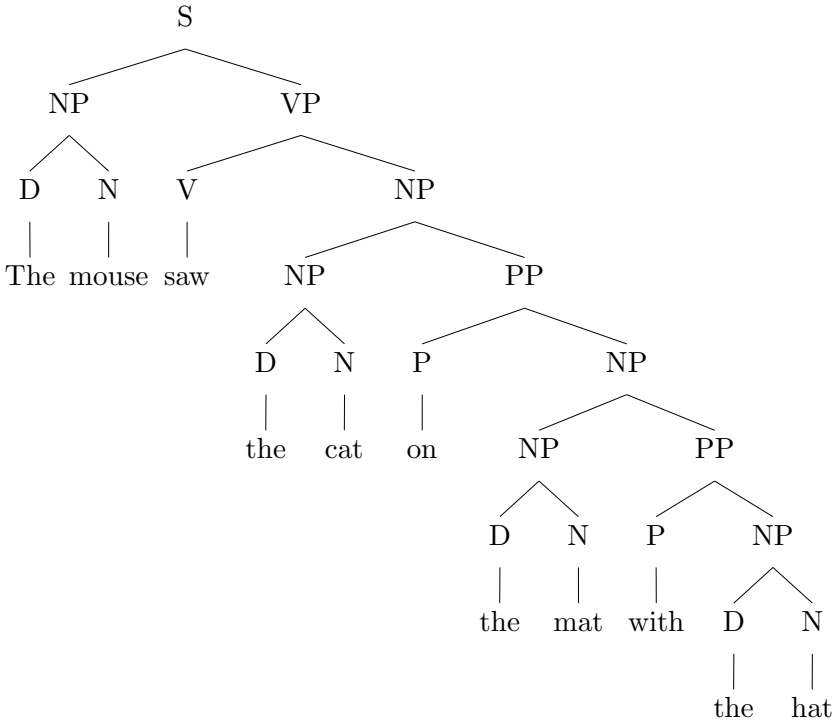
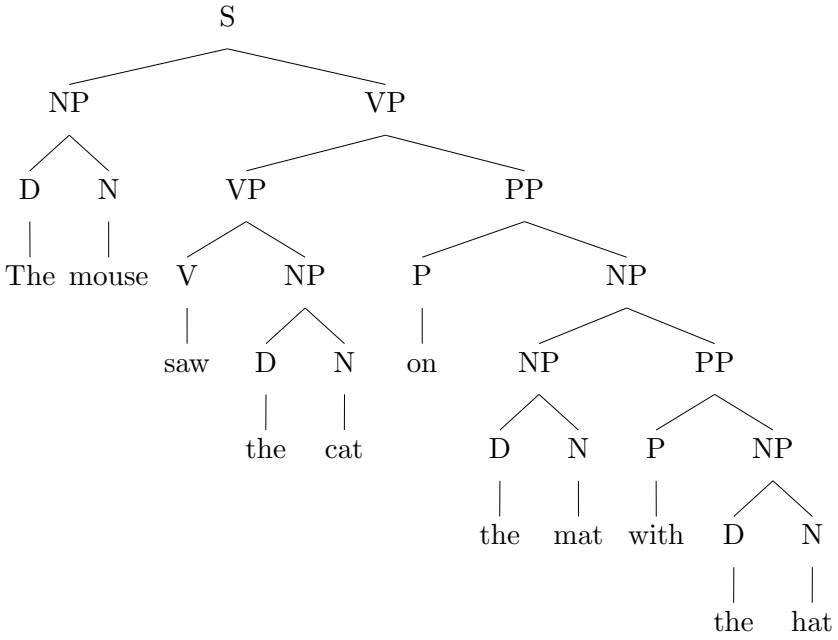
Answer to Ambiguous Sentences in English

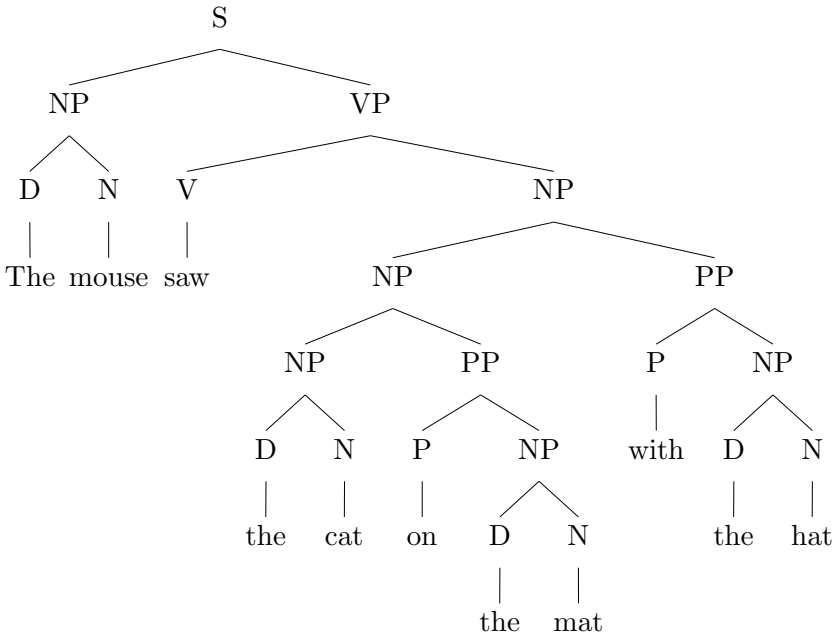
1. The mouse and the cat chased the dog. (1 tree)

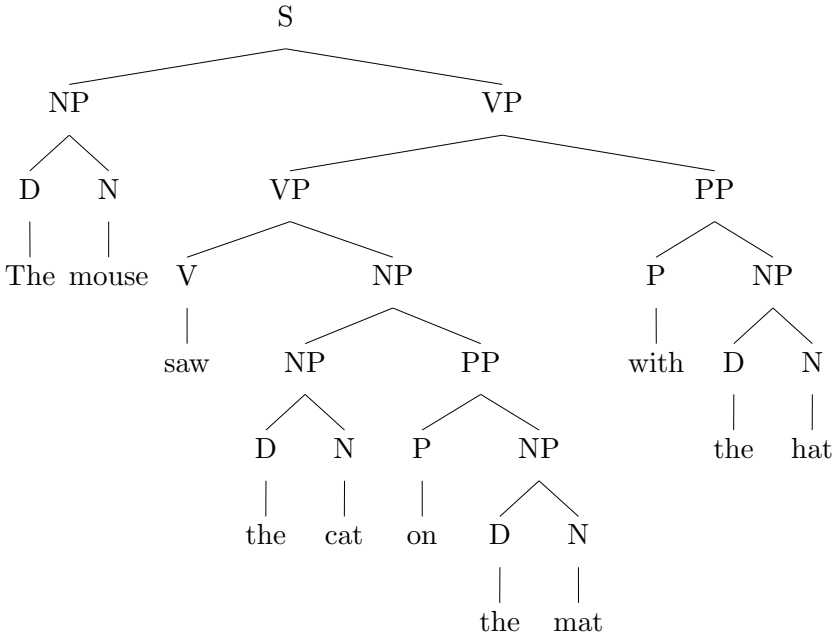


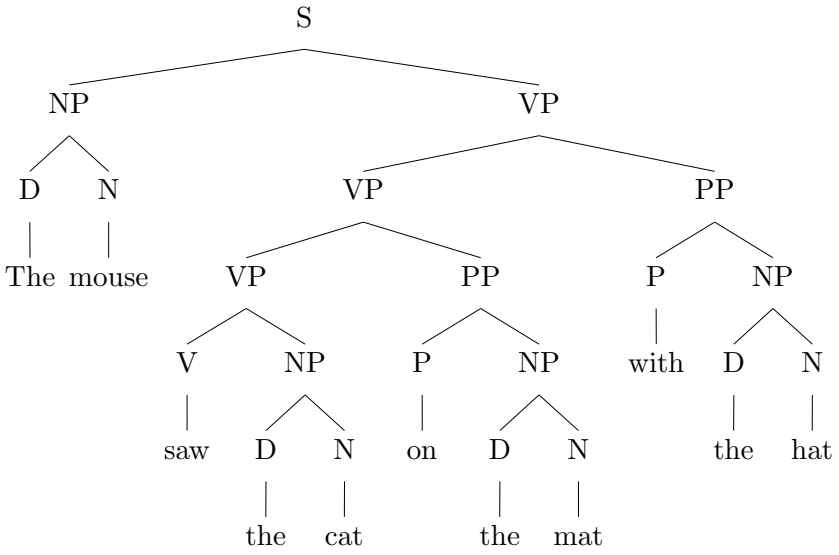
2. The mouse saw the cat on the mat with the hat. (5 trees)



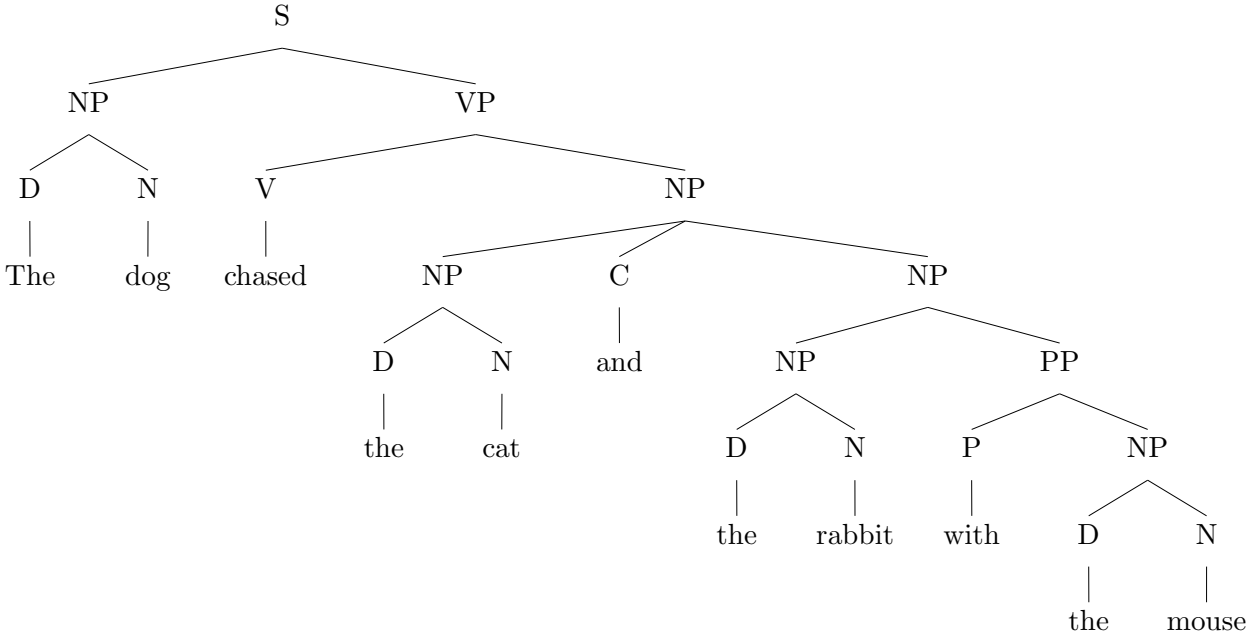

S
NP
VP
D
N
VP
PP
The
mouse
V
NP
P
NP
saw
D
N
on
NP
PP
the
cat
D
N
P
NP
the
mat
with
D
N
the
hat

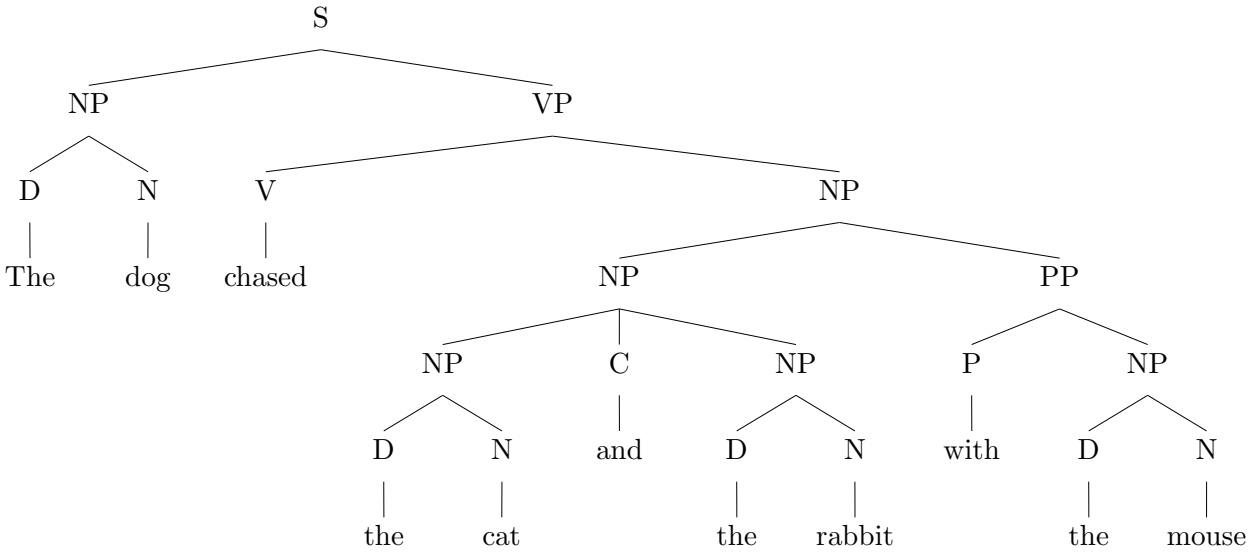

S
NP
VP
D
N
V
NP
The
mouse
saw
NP
PP
NP
PP
P
NP
D
N
P
NP
with
D
N
the
cat
on
D
N
the
hat
the
mat

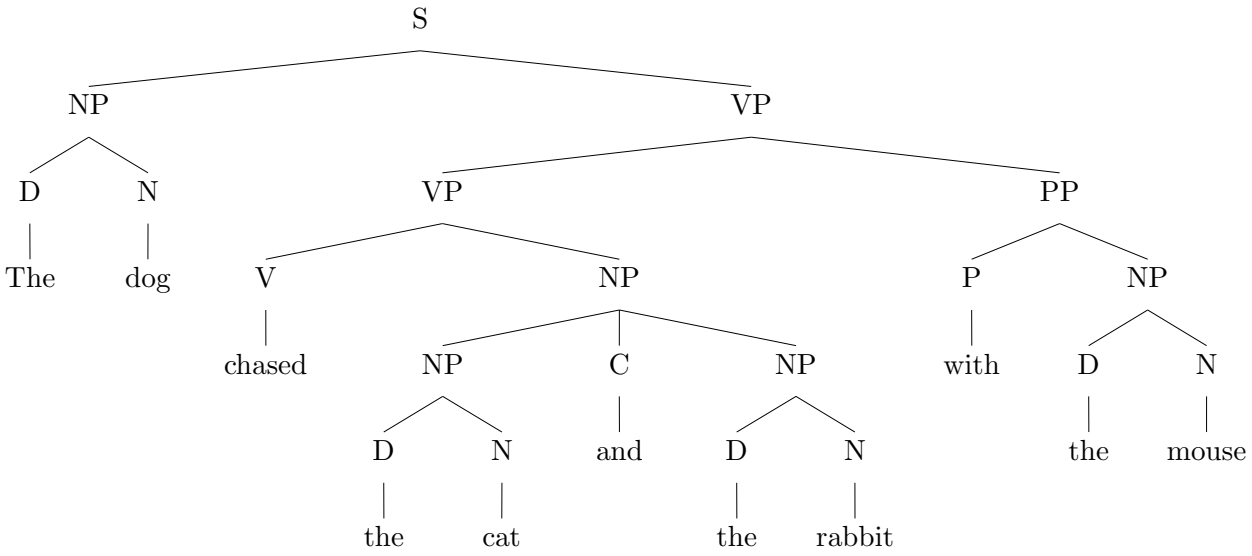

S
NP
VP
D
N
VP
PP
The
mouse
V
NP
P
NP
saw
NP
PP
with
D
N
D
N
P
NP
the
hat
the
cat
on
D
N
the
mat


S
NP
VP
D
N
VP
PP
The
mouse
VP
PP
P
NP
V
NP
P
NP
with
D
N
saw
D
N
on
D
N
the
hat
the
cat
the
mat

3. The dog chased the cat and the rabbit with the mouse. (3 trees






S
NP
VP
D
N
VP
PP
The
dog
V
NP
P
NP
chased
NP
C
NP
with
D
N
D
N
and
D
N
the
mouse
the
cat
the
rabbit