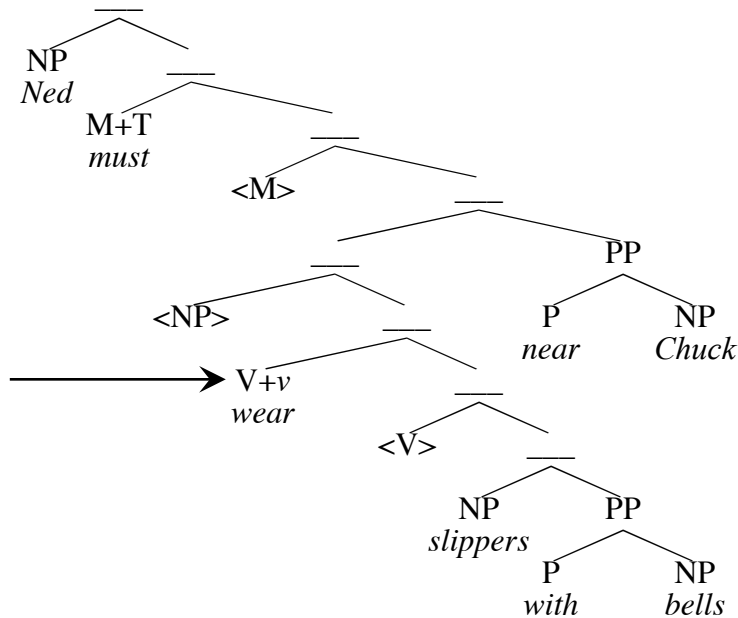


1. [8] Fill in the missing labels for the nodes in the tree below. Where a node is the maximal projection of a lexical item, indicate it with the standard “X-bar” notation (e.g., NP for the maximal projection of a noun, *v'* for an intermediate projection of *v*). The sentence is *Ned must always wear slippers with bells near Chuck*. The arrow is for use in question 4.



50 points total, the number of points for each part is indicated a number in brackets. For planning purposes: this comes down to about a little under 2 minutes per point.

2. [6] In the sentence for which the structure is given above:

- a. Draw an arrow to the node in the specifier of *vP*. (draw above)
- b. Is *with bells* a constituent? _____
- c. Is *wear slippers* a constituent? _____
- d. Is *slippers with bells near Chuck* a constituent? _____
- e. Is *with bells* the complement of *slippers*? _____
- f. Does *vP* dominate the NP *Chuck*? _____

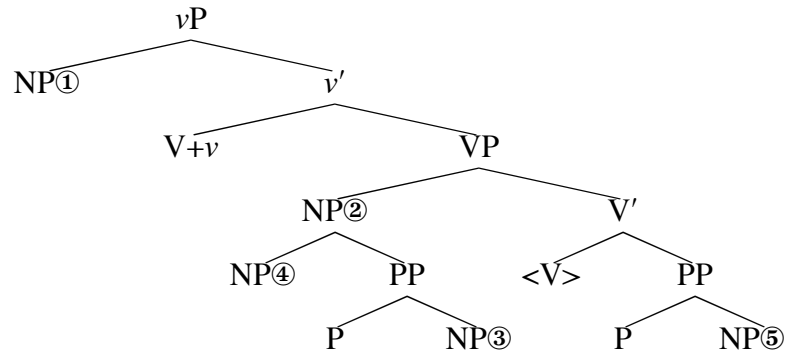
3. [2] Circle one: The verb shown in the structure above is

ditransitive / transitive / unergative / unaccusative

4. [2] Circle every node in the tree above c-commanded by the node designated by the arrow.

5. [2] Name the θ -role that [*slippers with bells*] has:

6. Suppose we start building a structure for a sentence, and at a certain stage we wind up with a vP as shown (abstractly) below.



- [2] Name the θ -role that the NP② will have.
- [2] If NP⑤ were an anaphor, which NPs could serve as an antecedent? (That is: Which NPs could potentially bind NP⑤?)
- [2] How many [uP] features were there, total, in these lexical items initially?
- [3] Which of the following three sentences might plausibly include this kind of vP ?
 - I put mittens with tassles on Tommy.*
 - I introduced Mary to John on Thursday.*
 - I mail flowers to people with influence.*

7. [2] **Circle one:** The verb shown in the structure above is

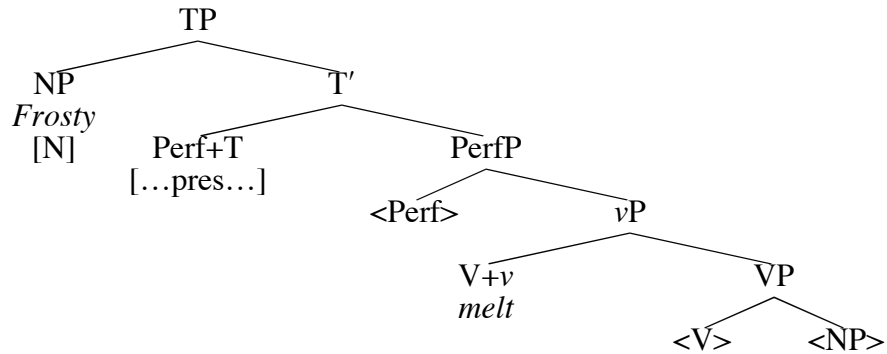
ditransitive / transitive / unergative / unaccusative

8. **Binding Theory.** The sentence below is “trying to mean” *John told Mary that his mother admires her (Mary)*. Two questions, **about the sentence below**:

☞ *He_i told Mary_j that [John_i's mother]_k admires herself_j.

- [3] Explain what is wrong with *John_i* here.
- [2] Which Principle of Binding Theory is *not* violated in this sentence?

9. Suppose you had a sentence with the following abstract structure. I have provided two lexical items (the NP *Frosty* and the verb *melt*). *Fall 2011 note: You will need to change the verb form in part (c) to whatever is appropriate, “melt” here is intended to represent the basic uninflected form. Assume too that the T is a present tense (nonpast) T.*



a. [2] Irrelevant for Fall 2011, asks about something we haven't covered yet.

b. [2] Irrelevant for Fall 2011, asks about something we haven't covered yet.

c. [3] Write the sentence that this would be the structure for.

d. [2] What was the motivation to Merge T' and NP? *Fall 2011 note: I plan to say something about this in the review session, I mentioned it in passing in class.*

e. [2] What was the motivation to Merge v and VP?

10. [3] What makes the following sentence ungrammatical, in terms of the system developed in class?

**Patricia should have put candles.*