Day 15.2

1) Evaluating the grammatical approach  What is a problem with the grammar?

A) Problems with implementation.
- E.g. all of the VP rules
- Another example, coordination

The dog laughs and the cat wants to laugh
The dog laughs and wants to laugh
The dog and the cat laughs
The big dog and cat laughs
The big and tall dog laughs
The dog laughs in the house and on the stone

OK. So what is the general rule for ‘and’?

B) Problems in Principle: Properties of structures produced by PS-rules:
   (what the trees must look like)
1 - No multiple associations: each unit is part of only one higher level unit.

2 - No circular dependencies: a unit must be either above or below another unit; it cannot be both.

3 - No orphans: every unit is part of a higher level unit.

4 - No discontinuous constituents: each unit combines with neighbors to form a larger unit; no skipping units.

Problems w/ PS-rules?
1 - No multiple associations?

2 - No circular dependencies?

3 - No orphans?

4 - No discontinuous constituents?