

## 1 Syntactic categories

- p. 233 #18
- p. 233-4 #19
- p. 234 #20
- p. 234 #21
- p. 234 #22

## 2 Constructing a grammar

A. p. 237, #34

B. Adapted from p. 236, #29. For each phrase below:

- a) identify the syntactic category of each word,
- b) identify all non-single-word constituents,
- c) identify the head and the syntactic category of each constituent,
- d) write a phrase structure rule for each constituent, keeping a list of all the rules you come up with, and
- e) draw a phrase structure tree for each phrase.

- (1) for Bob
- (2) liked the gray cat
- (3) some fluffy gray dog
- (4) the man with Sally
- (5) sent the man an email
- (6) thought Sally hated Bob
- (7) barked yesterday
- (8) fell into the pond
- (9) drifted slowly under the bridge
- (10) this silly picture of Pat
- (11) Chris loved Robin passionately
- (12) Pat pushed the stubborn horse into the barn
- (13) A student from my class claimed the teacher disliked him

C. Draw a phrase structure tree for each of the [two primary] interpretations of the following structurally ambiguous sentences.

- (14) John hit the man with the bat.
- (15) I once shot an elephant in my pajamas.
- (16) Tonight's program will discuss sex with Dr. Ruth Westheimer.
- (17) We will not sell gasoline to anyone in a glass container.
- (18) This mixing bowl is designed to please any cook with a round bottom for efficient beating.

D. Come up with a structurally ambiguous sentence. Draw a phrase structure tree for each of its meanings.