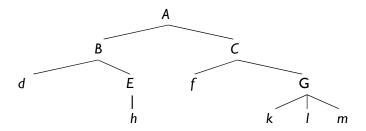
Homework Assignment #5
Due Tuesday November 20th, beginning of class

Name:				
Namo.	N I			
	Name.			

Tree Structures



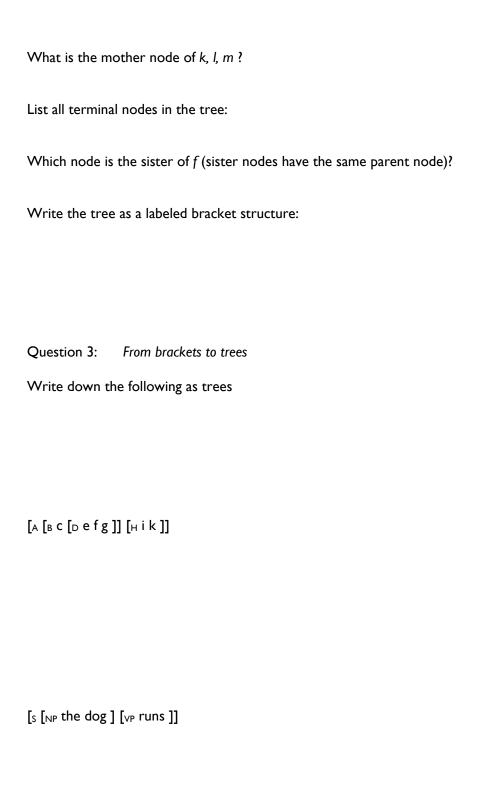
Question I: Relations between nodes

Based on the tree structure above, fill in the blanks below with one of the following terms: dominates, immediately dominates, precedes, immediately precedes. Choose the most specific one applicable (i.e. choose immediately dominates over dominates and immediately precedes over precedes whenever you can)

- a. A ______ h b. C _____ G
- c. B ______ E d. h _____ I
- e. d ______ k f. A _____ C

Question 2: Kinds of nodes

Which node is the root node of the tree?



Finding constituents

Question 4: Show that the underlined chunks are constituents by using one of our tests

for example: The smaller anteater is called Bruno. It is called Bruno.

- a. The dog chased the cat.
- b. The cat escaped from the dog.
- c. The dog was wearing a red hat.
- d. The children are not supposed to swim in the river.
- e. The children are not supposed to swim in the river.
- f. The children are not supposed to swim in the river.
- g. That old, ragged clock started to work again.

Question 5: Are the following underlined chunks constituents? If yes, support your answer with one

of our tests.

for example: The small anteater ate his breakfast fast.

not a constituent

- a. The dog chased the cat.
- b. The dog chased the cat.
- c. The dog was wearing a red hat.
- d. The children are not supposed to swim in the river.
- e. The old, ragged clock woke me up this morning.

