

Homework – not to be turned in
Distributed 1/15/2015

1.

Derive the following strings using the expression grammar located at
<http://emunix.emich.edu/~haynes/341/wi15/Lectures/expressionGrammar.pdf>

num + num + num

(num + num) + num

num + (num + num)

(or add '1' to the set of terminal symbols and derive:

1 + 1 + 1

(1 + 1) + 1

1 + (1 + 1)

)

2. Write expression trees for each of the parse trees obtained in part 1.