

COMP 410
Fall 2025

Abstract Syntax Trees and Evaluation

Write out the abstract syntax tree (AST) corresponding to each of the expressions below:

Expression	AST
8	
8 + 2	
2 + 8	
1 * 2 + 3	
1 * (2 + 3)	
1 + 2 + 3	

Evaluate each of the following ASTs. Show intermediate values in the boxes. The first one has been done for you.

