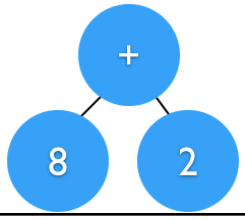
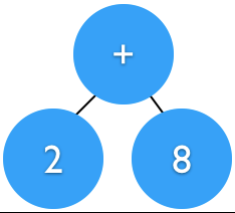
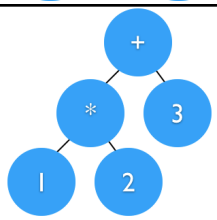
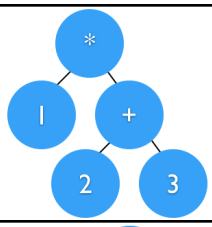
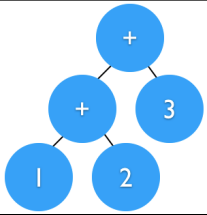
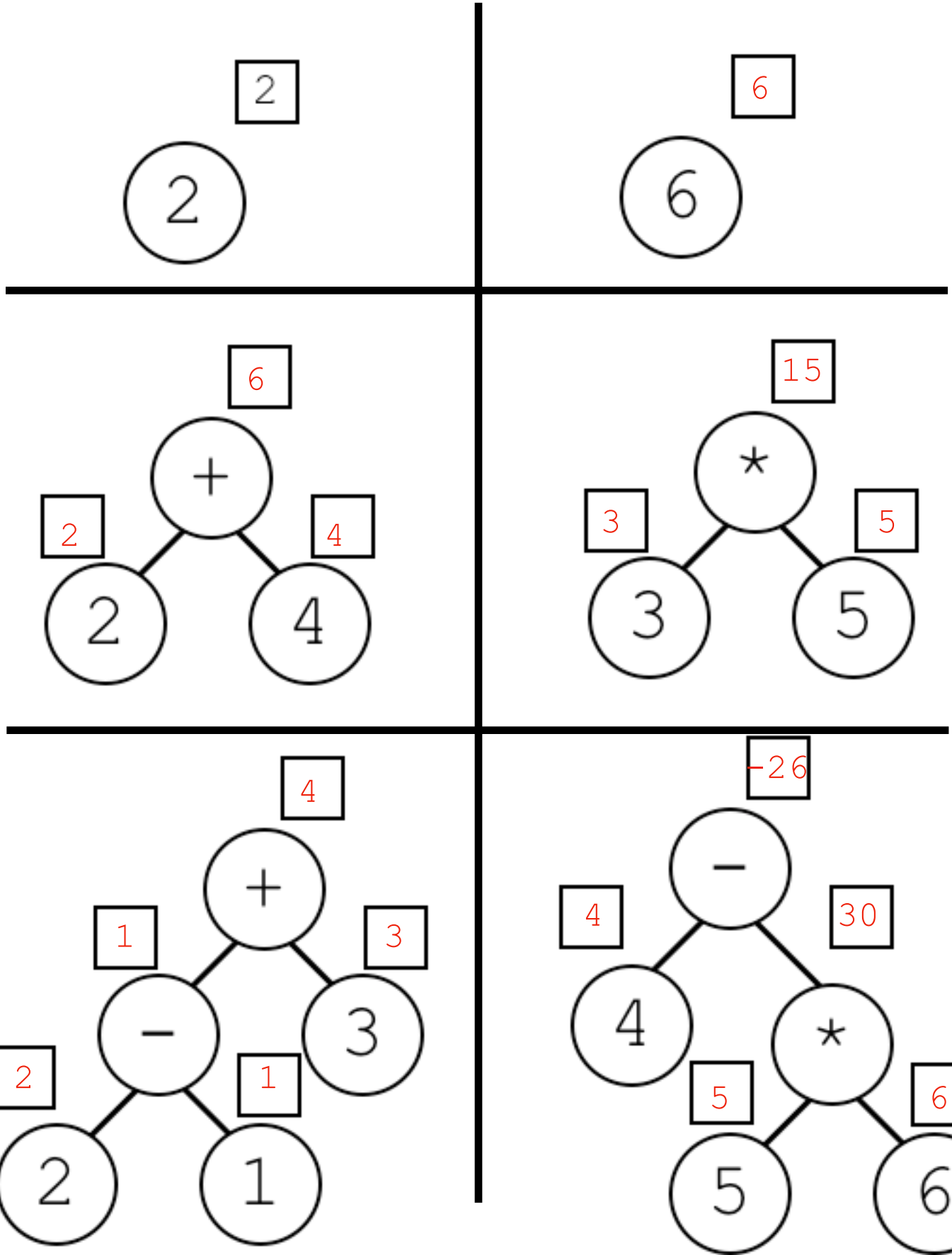
COMP 410
Fall 2022

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.