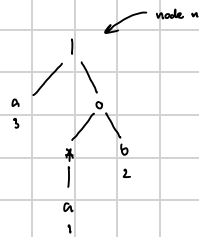


$$a \mid a * b$$

① Syntax tree



② $\text{firstpos}(n) = \{1, 2, 3\}$

③ $\text{lastpos}(n) = \{1, 2, 3\}$