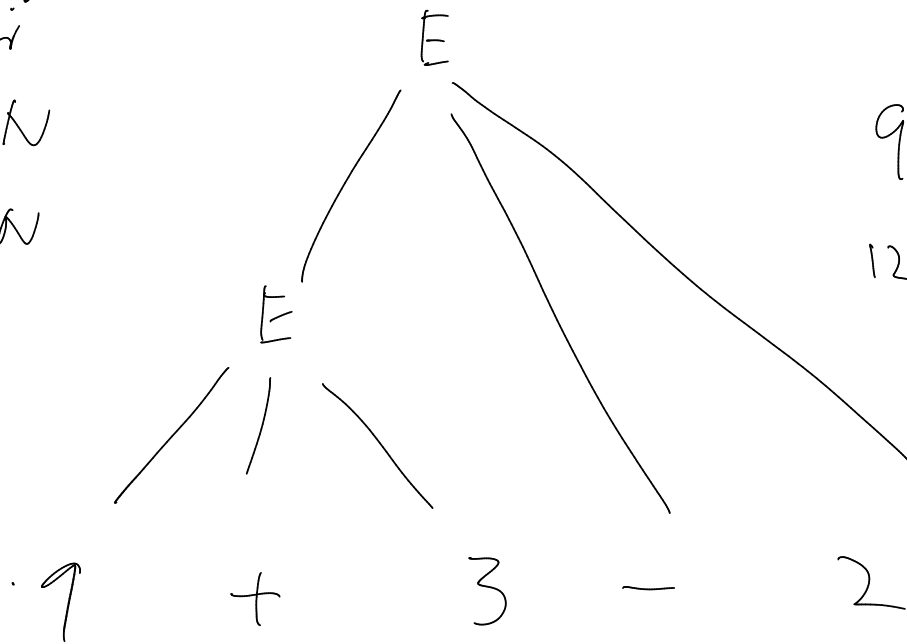


E - expression
 N - number
 $E \rightarrow N + N$
 $E \rightarrow E - N$



$9 + 3 = 12$
 $12 - 2 = 10$

$E \rightarrow E \text{ op } E$

$E \rightarrow \text{num}$ or

$\text{Op} \rightarrow + \mid - \mid * \mid /$

$\text{num} \rightarrow 0 \mid 1 \mid 2 \mid 3 \mid \dots \mid 9$

leaf: $\langle 1 \rangle \rightarrow$ ASCII machine

Op: $+ \rightarrow$ add
 $- \rightarrow$ sub

$E: \text{Op}(E_{\text{left}}, E_{\text{right}})$

