

$E \Rightarrow E * E \mid E + E \mid id \mid (E)$

nonterminals: E

terminals: id $*$ $+$ $($ $)$

$E \Rightarrow E + E$

$\Rightarrow id + E$

$\Rightarrow id + id$

$id + id$

$$E \Rightarrow E * E$$

$$\Rightarrow E + E * E$$

$$\Rightarrow id + E * E$$

$$\Rightarrow id + id * E$$

$$\Rightarrow id + id * id$$

$$E \Rightarrow E + E$$

$$\Rightarrow id + E$$

$$\Rightarrow id + E * E$$

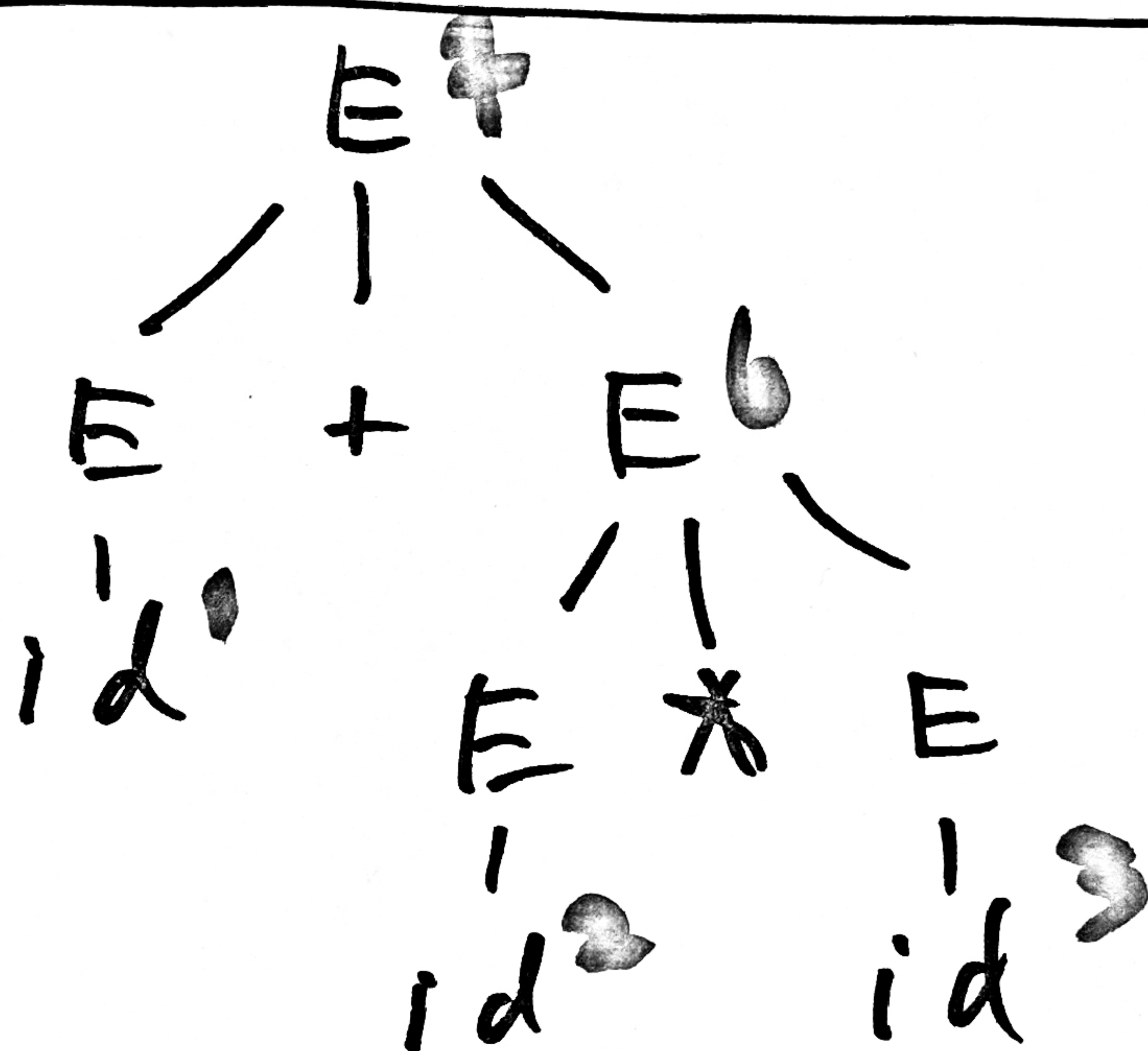
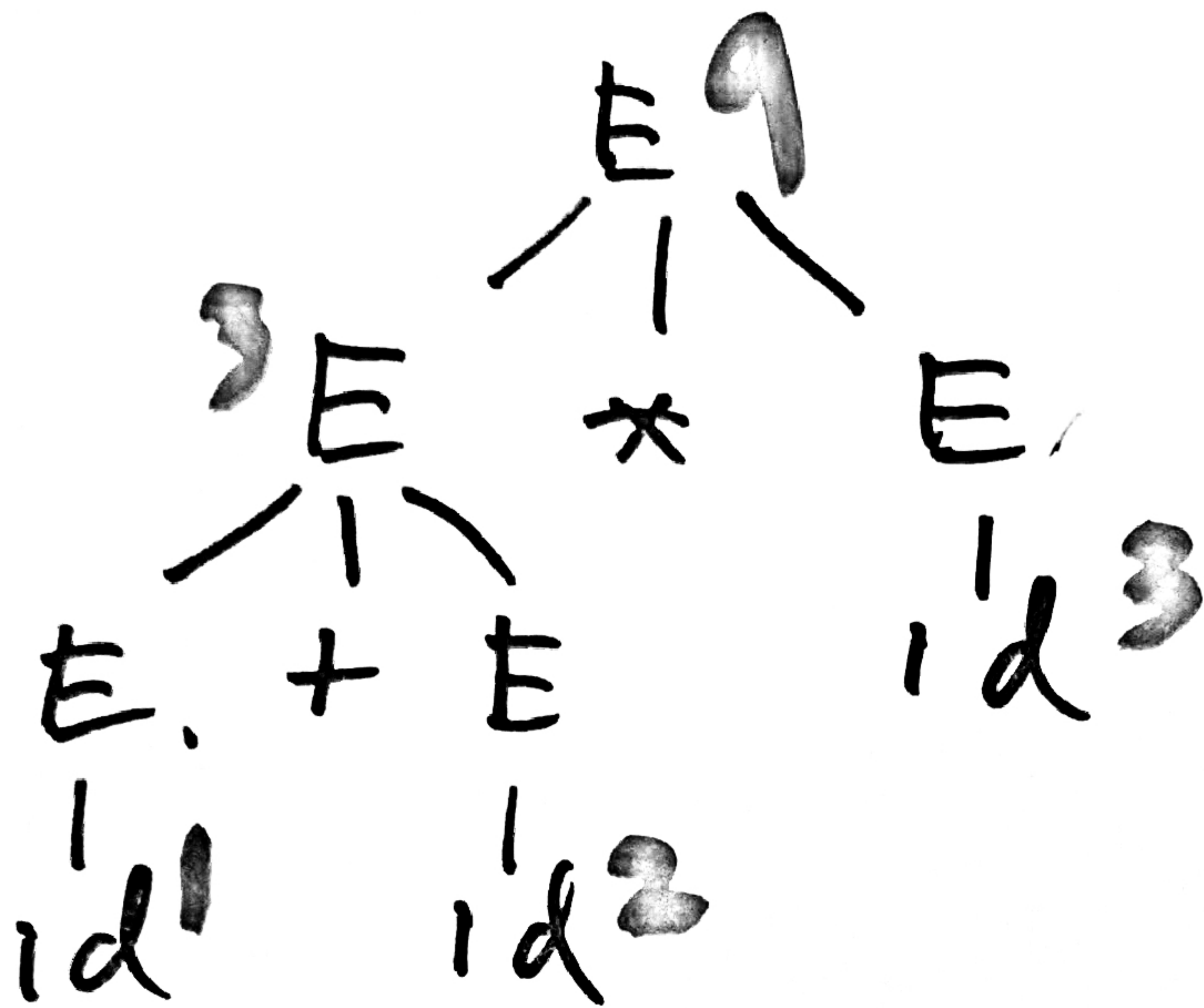
$$\Rightarrow id + id * E$$

$$\Rightarrow id + id * id$$

$$\Rightarrow E * E * E$$

$$\Rightarrow id * E + E$$

$$id + id * id$$



$E \rightarrow E + F \mid E$
 $F \rightarrow F * T \mid F$
 $T \rightarrow id$