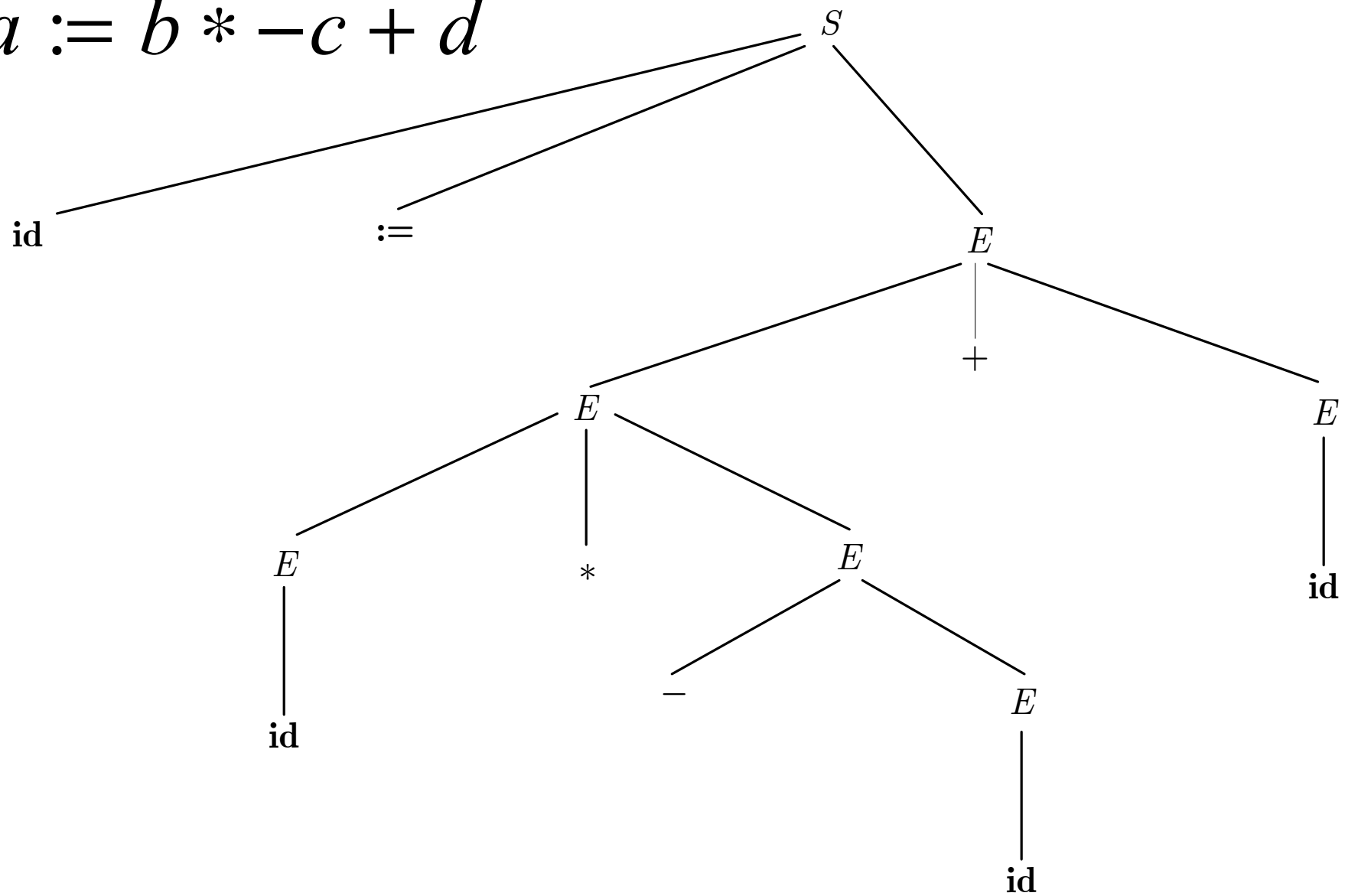


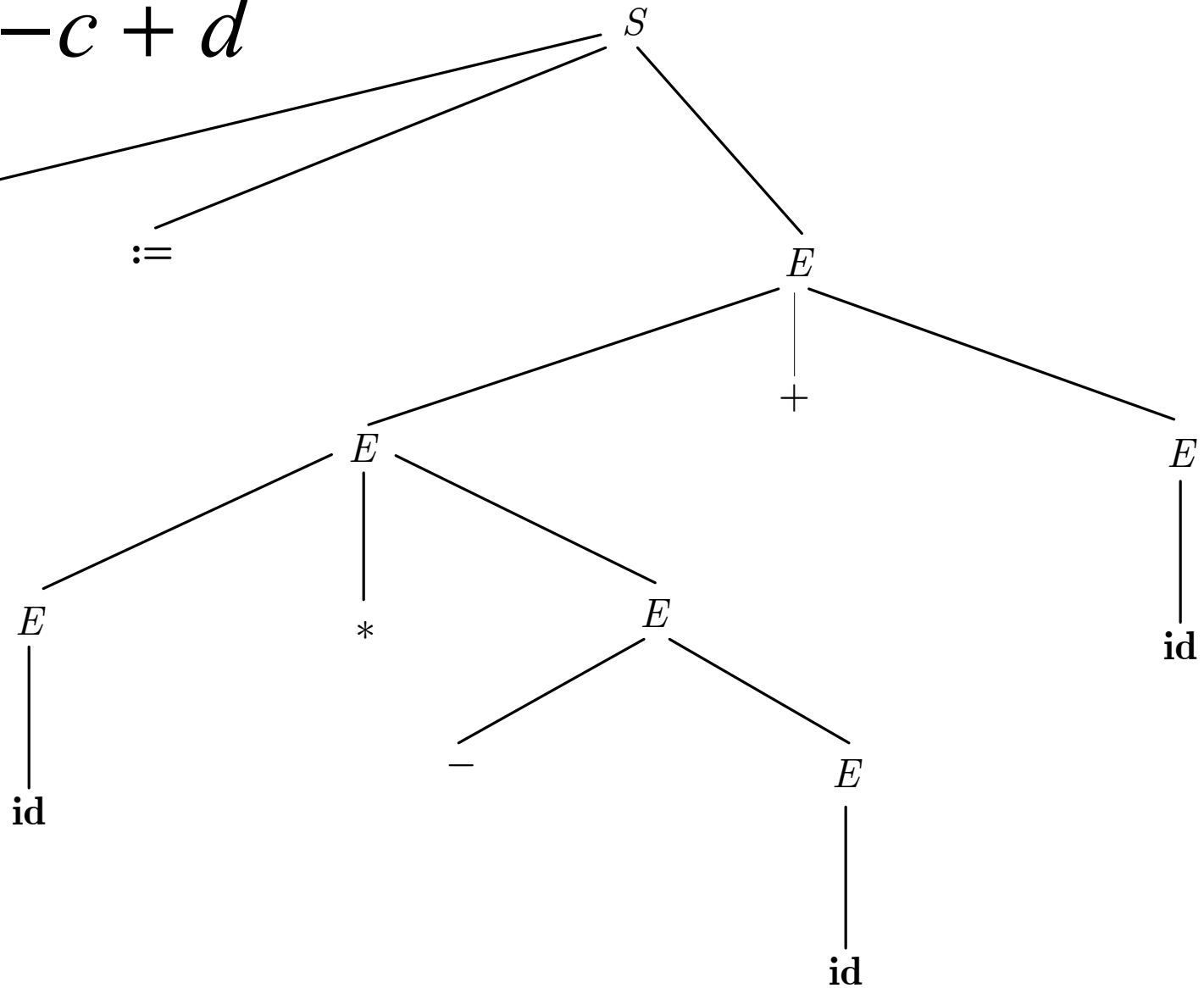
$a := b * -c + d$



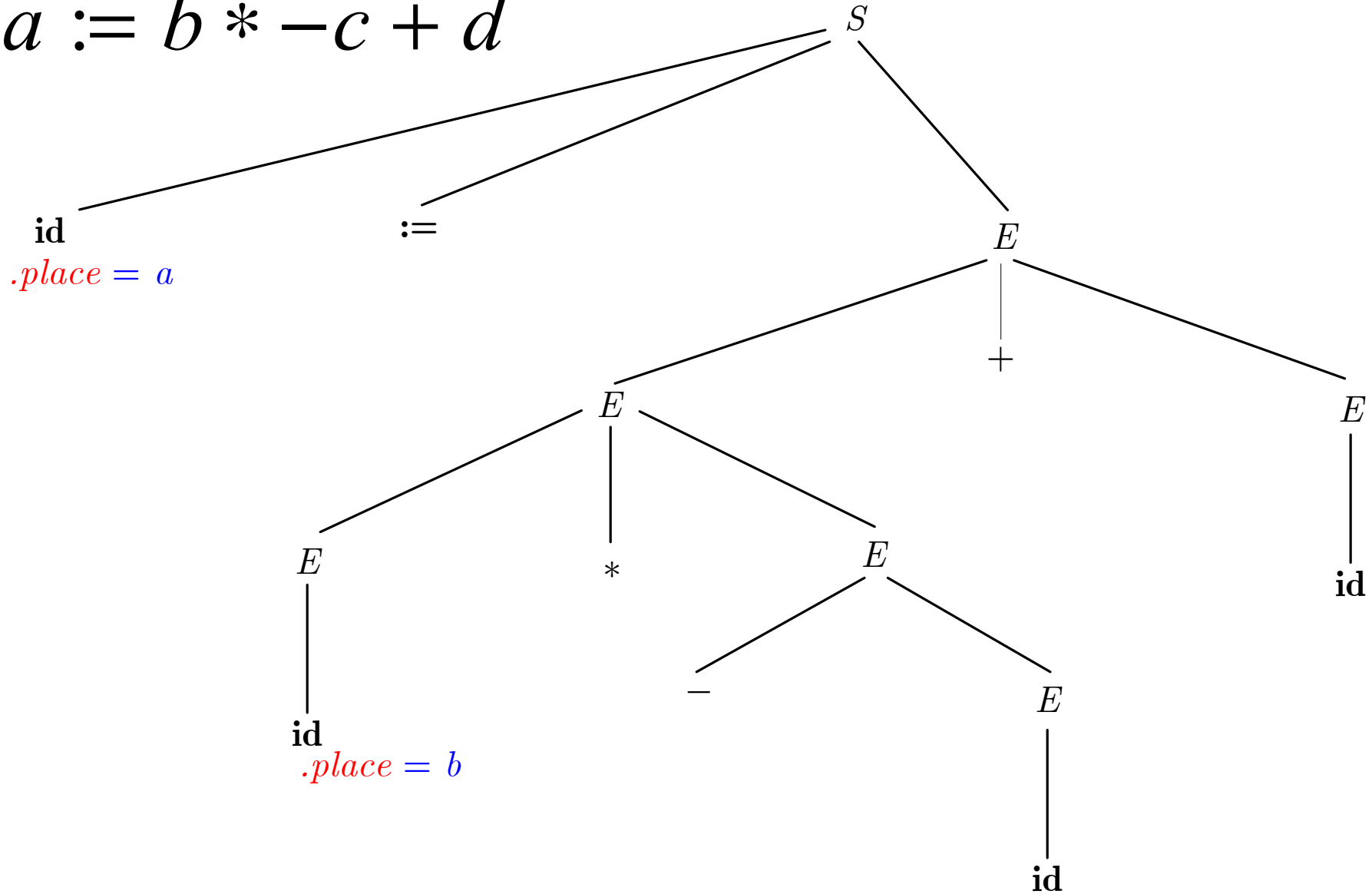
$a := b * -c + d$

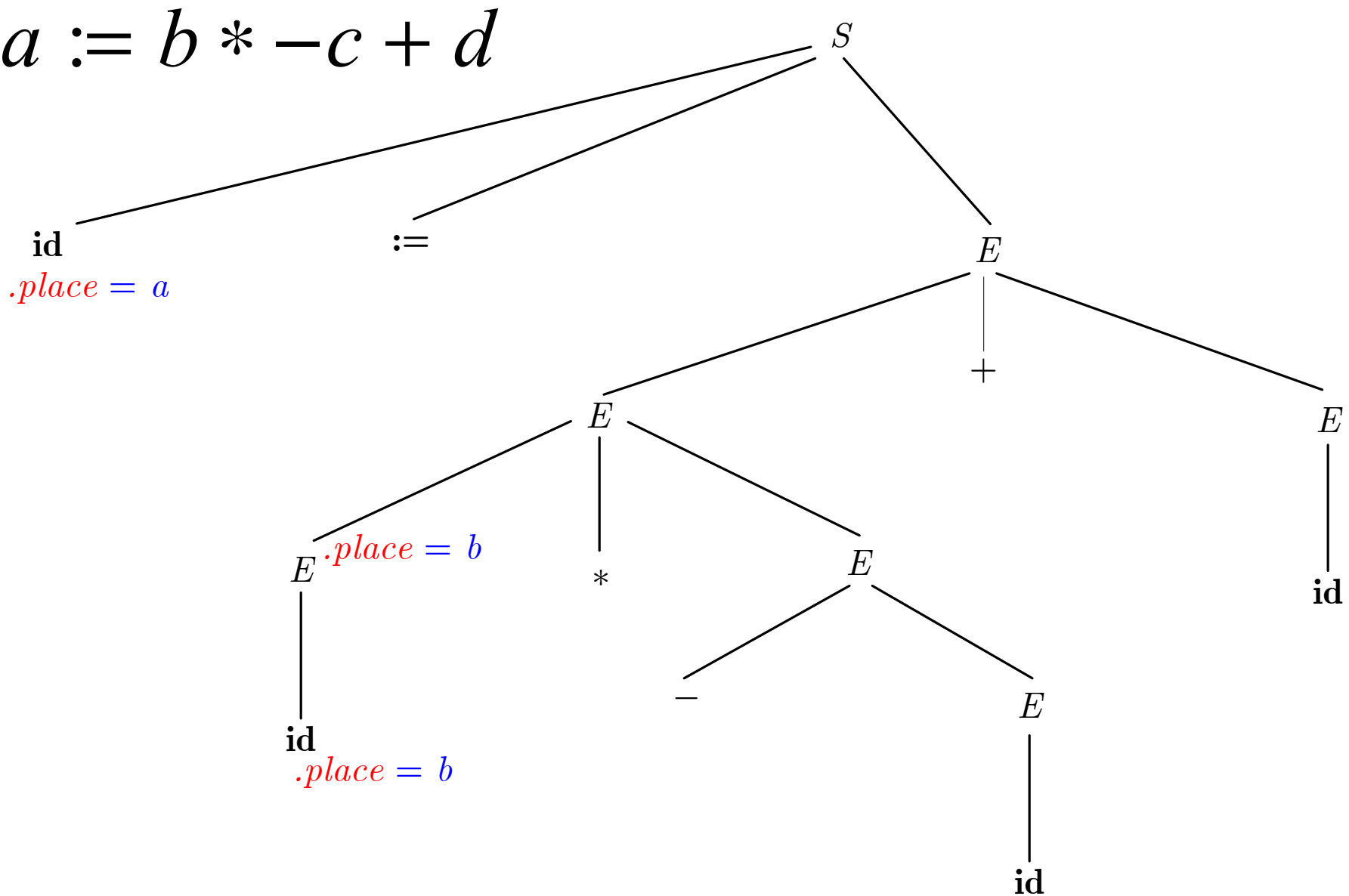
id
.place = a

$:=$

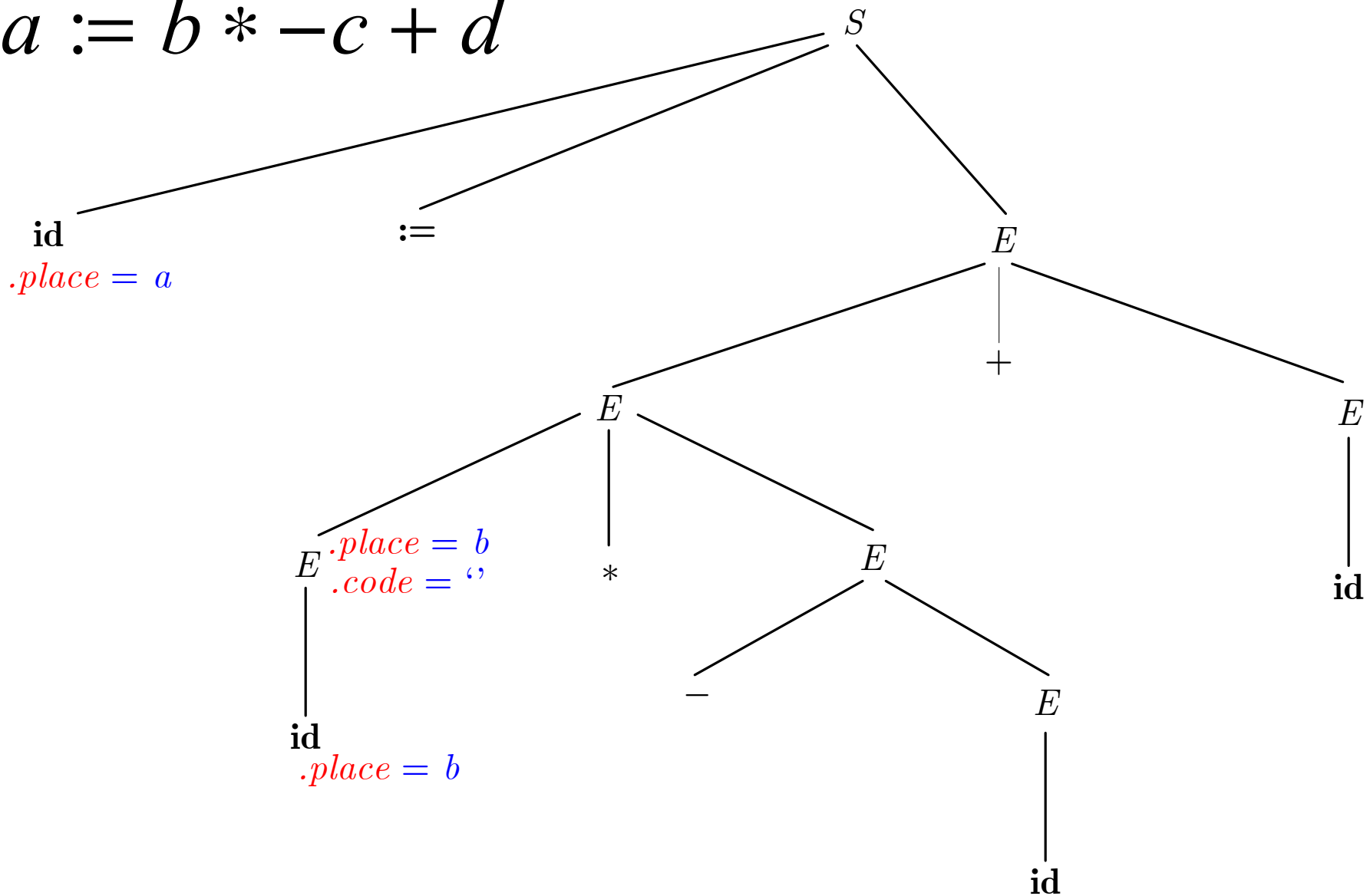


$a := b * -c + d$



$$a := b * -c + d$$

 $E \rightarrow \text{id}$
 $E.place := \text{id}.place; E.code := ''$

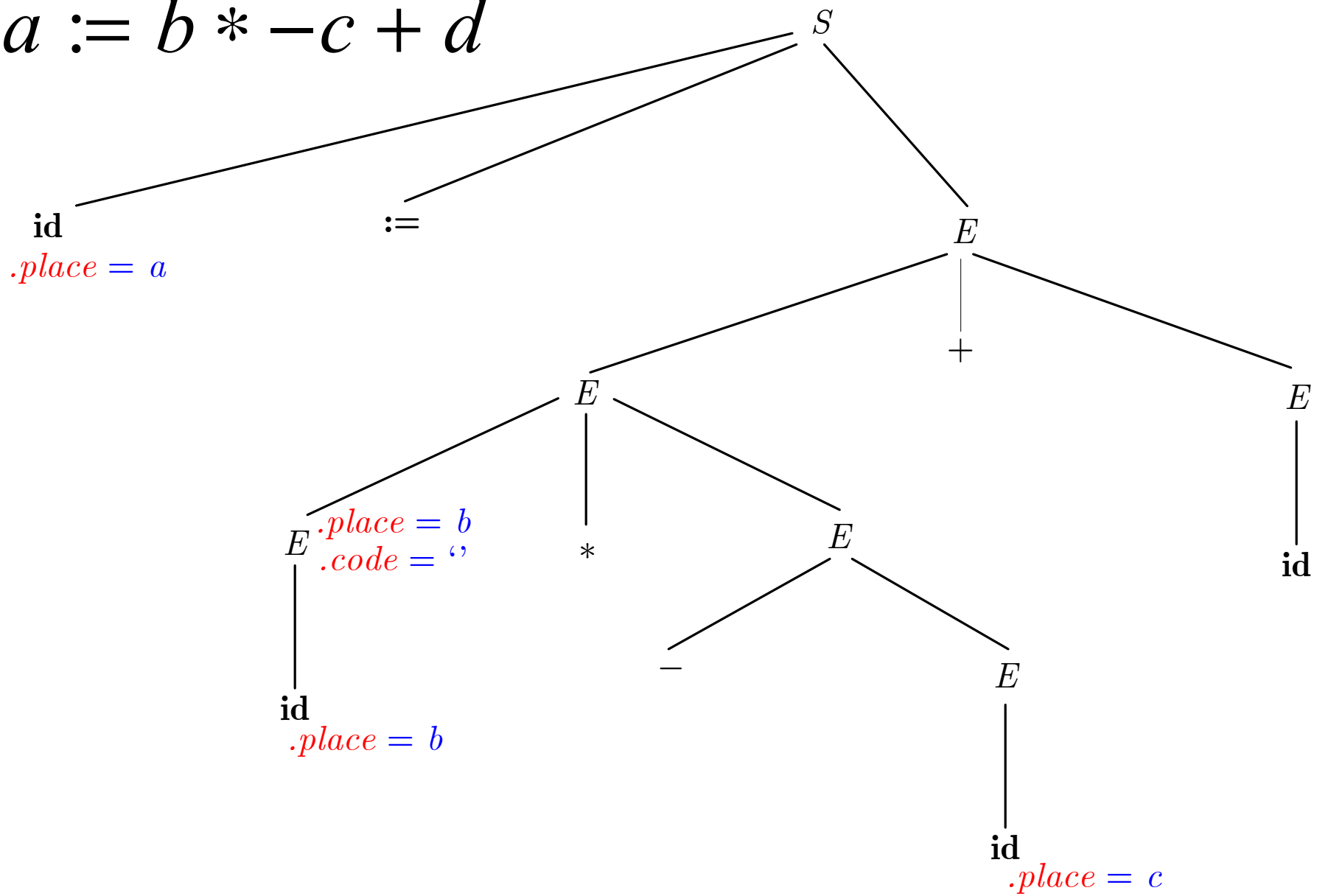
$a := b * -c + d$

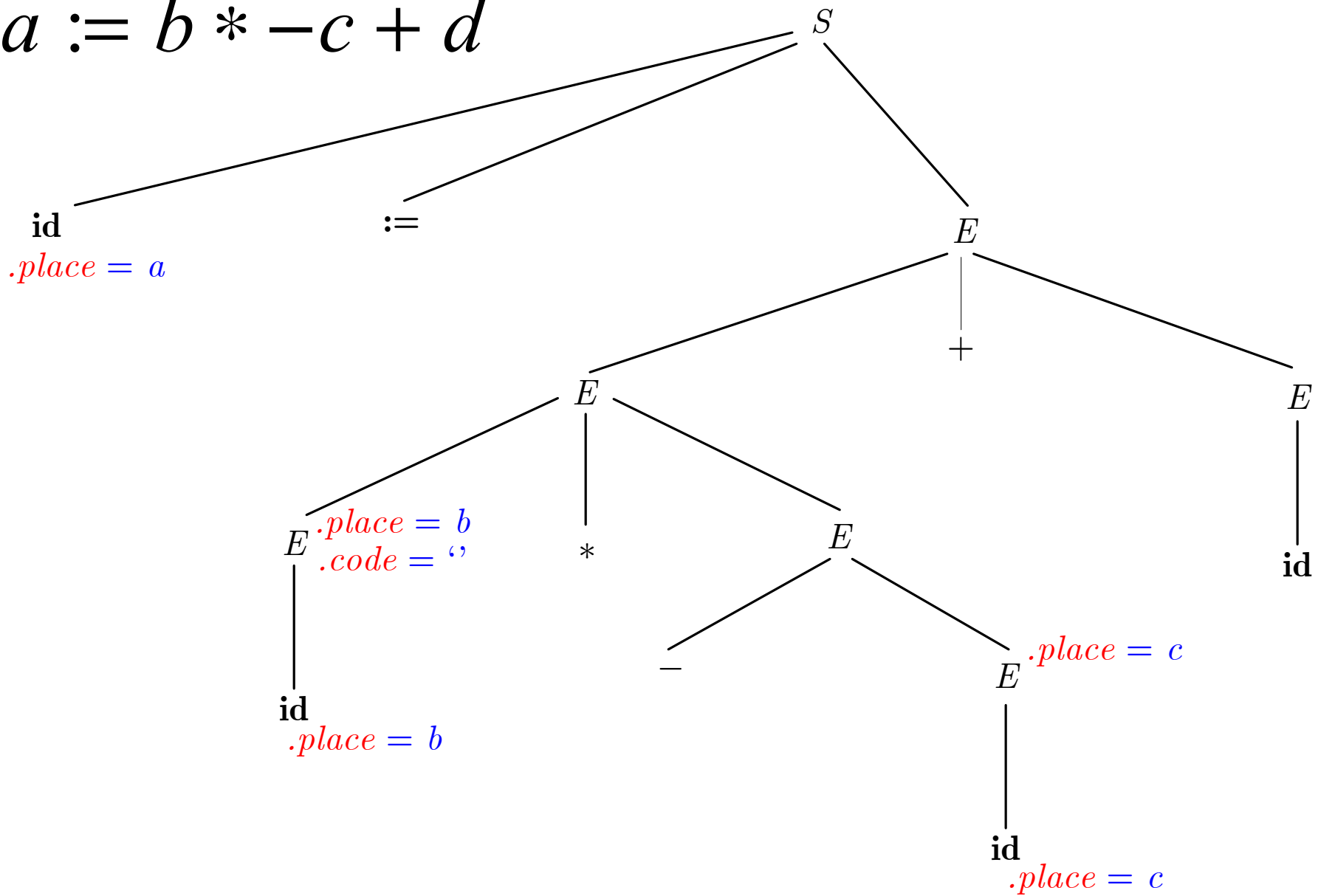


$E \rightarrow \text{id}$

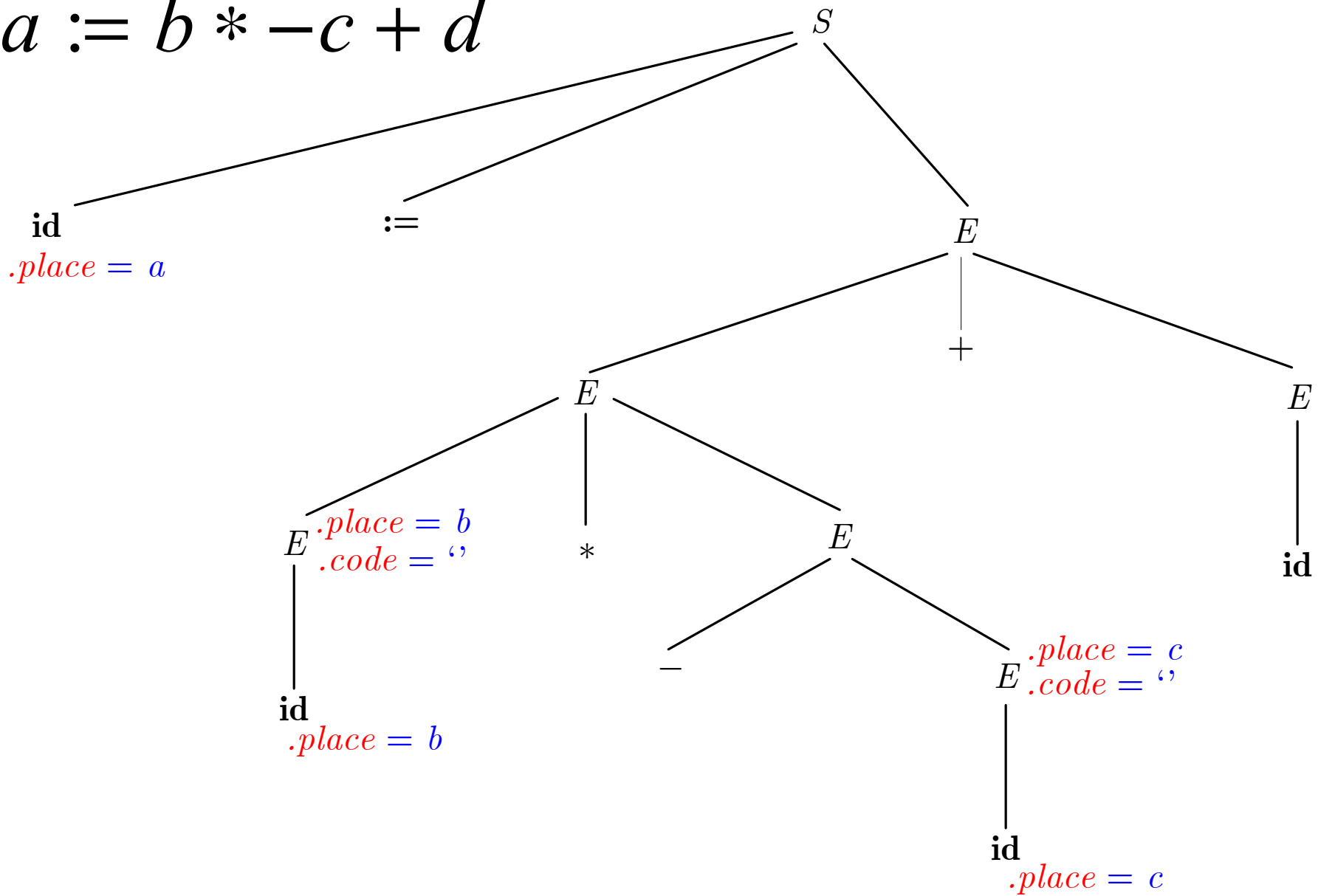
$E.place := \text{id}.place; E.code := ' '$

$a := b * -c + d$



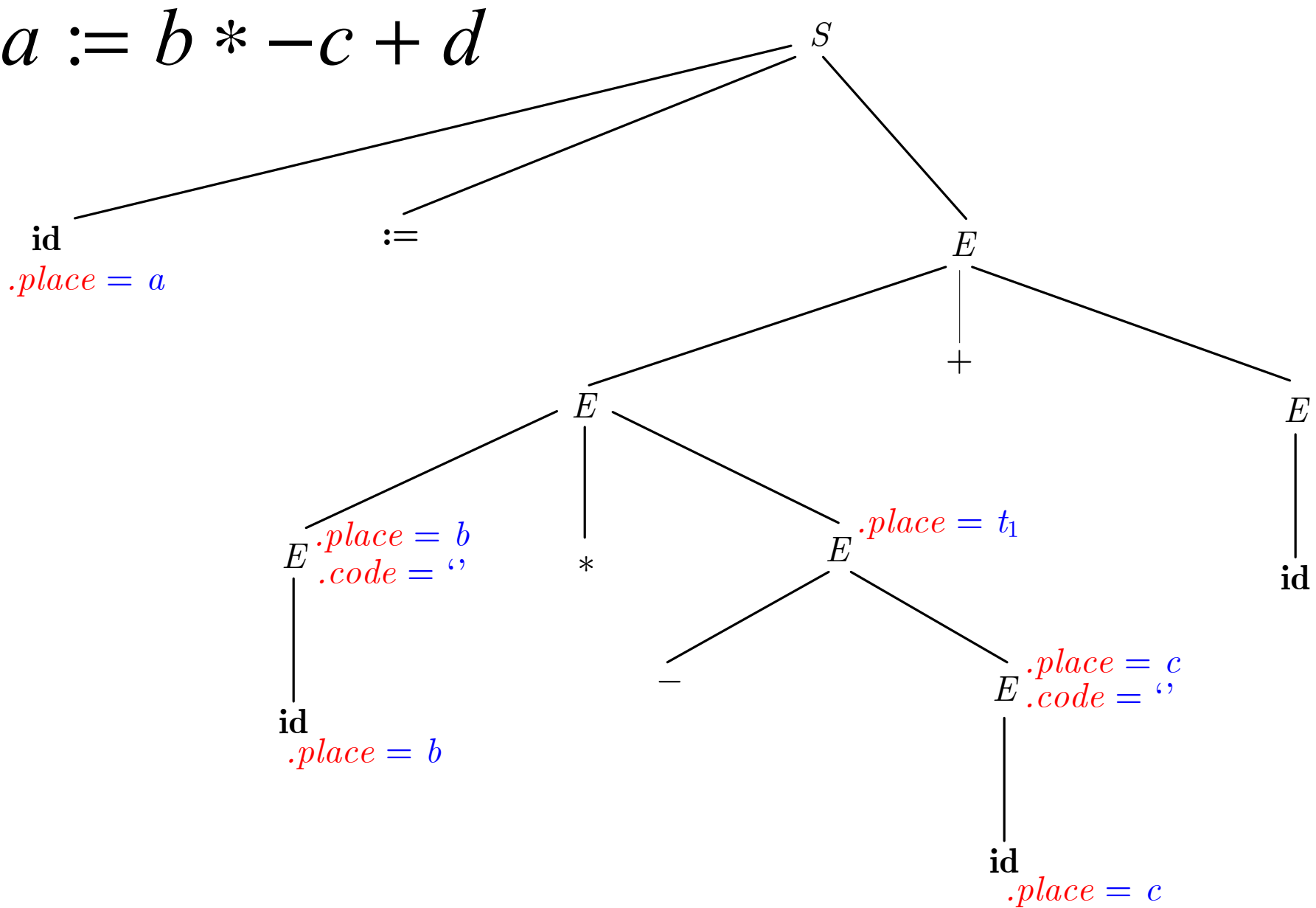
$$a := b * -c + d$$

 $E \rightarrow \text{id}$
 $E.\text{place} := \text{id}.\text{place}; E.\text{code} := ''$

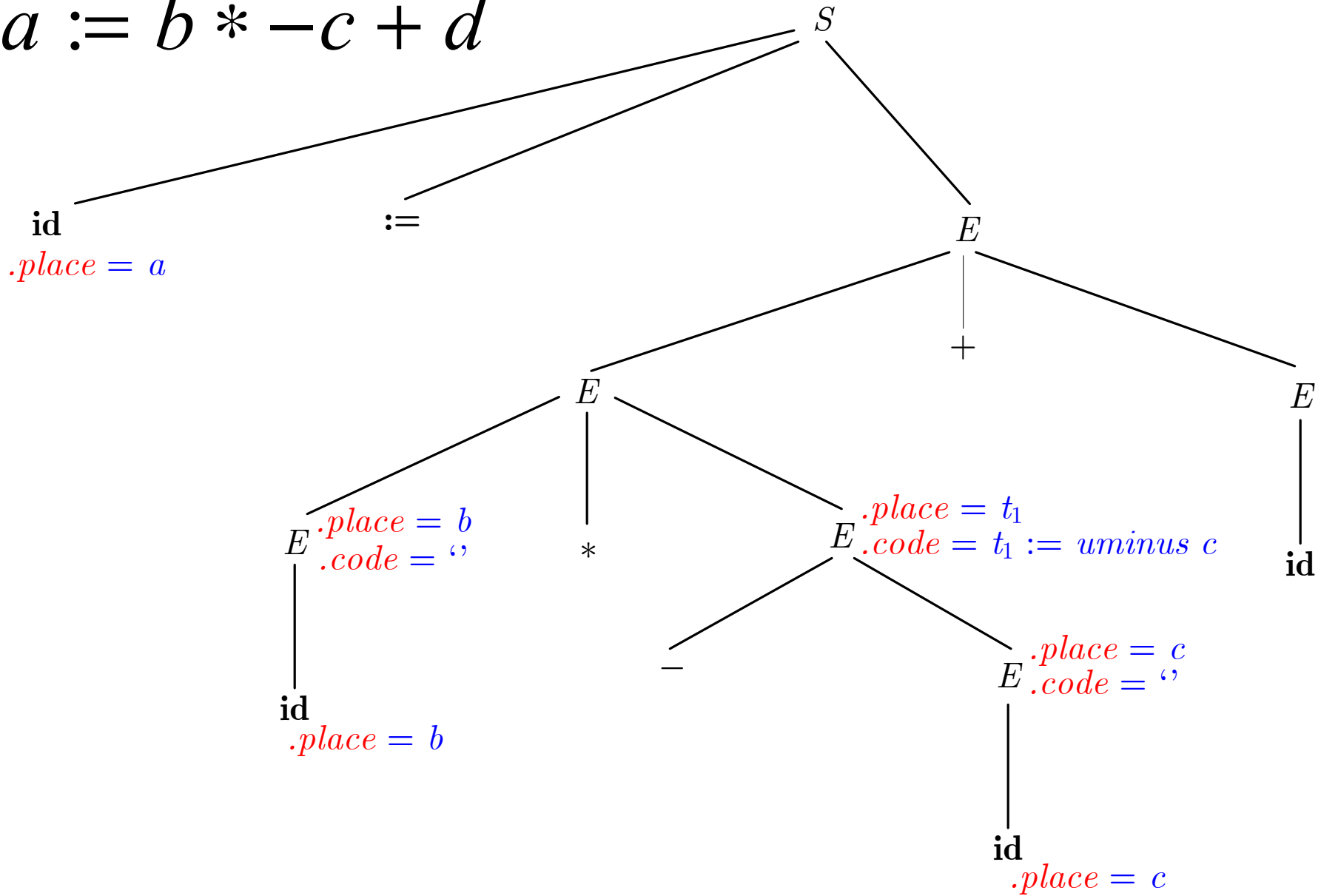
$a := b * -c + d$



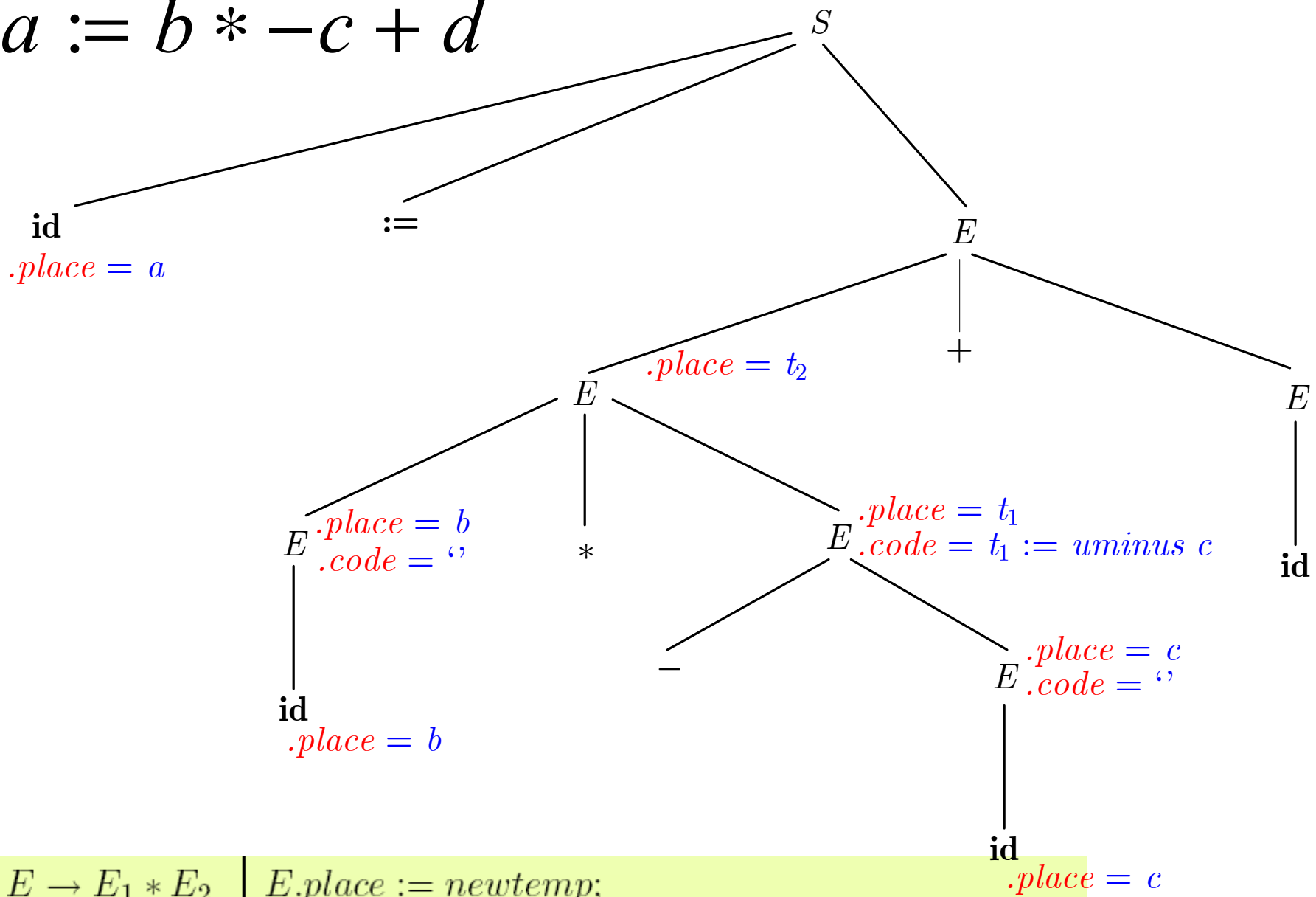
$E \rightarrow \text{id}$

$E.place := \text{id}.place; E.code := ' '$

$$a := b * -c + d$$

 $E \rightarrow -E_1$
 $E.place := newtemp;$
 $E.code := E_1.code \parallel gen(E.place' := 'uminus' E_1.place)$

$$a := b * -c + d$$

 $E \rightarrow -E_1$
 $E.place := newtemp;$
 $E.code := E_1.code \parallel gen(E.place' := 'uminus' E_1.place)$

$a := b * -c + d$



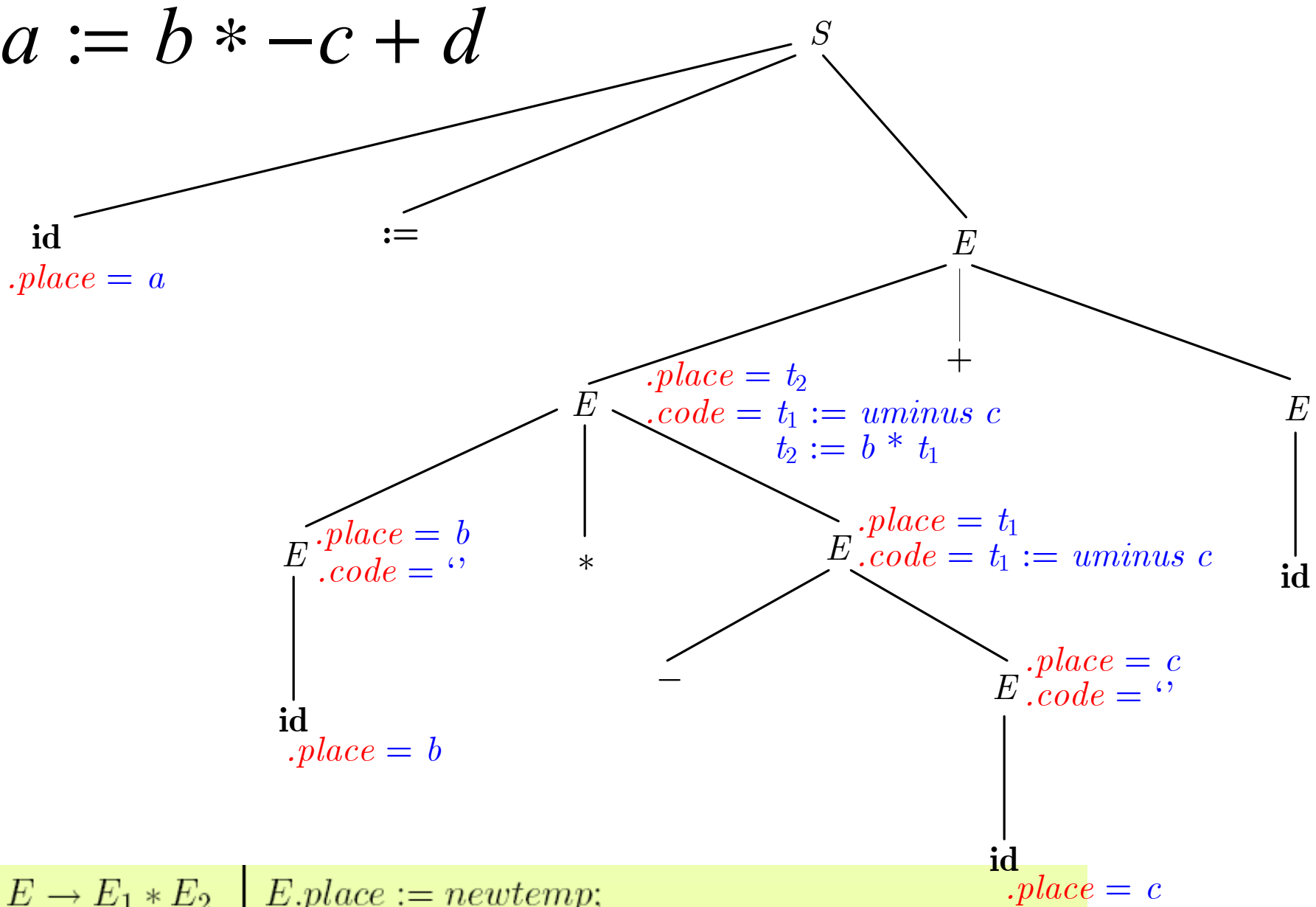
$E \rightarrow E_1 * E_2$

$E.place := \text{newtemp};$

$E.code := E_1.code \parallel E_2.code \parallel$

$\text{gen}(E.place' := E_1.place' * E_2.place)$

$a := b * -c + d$

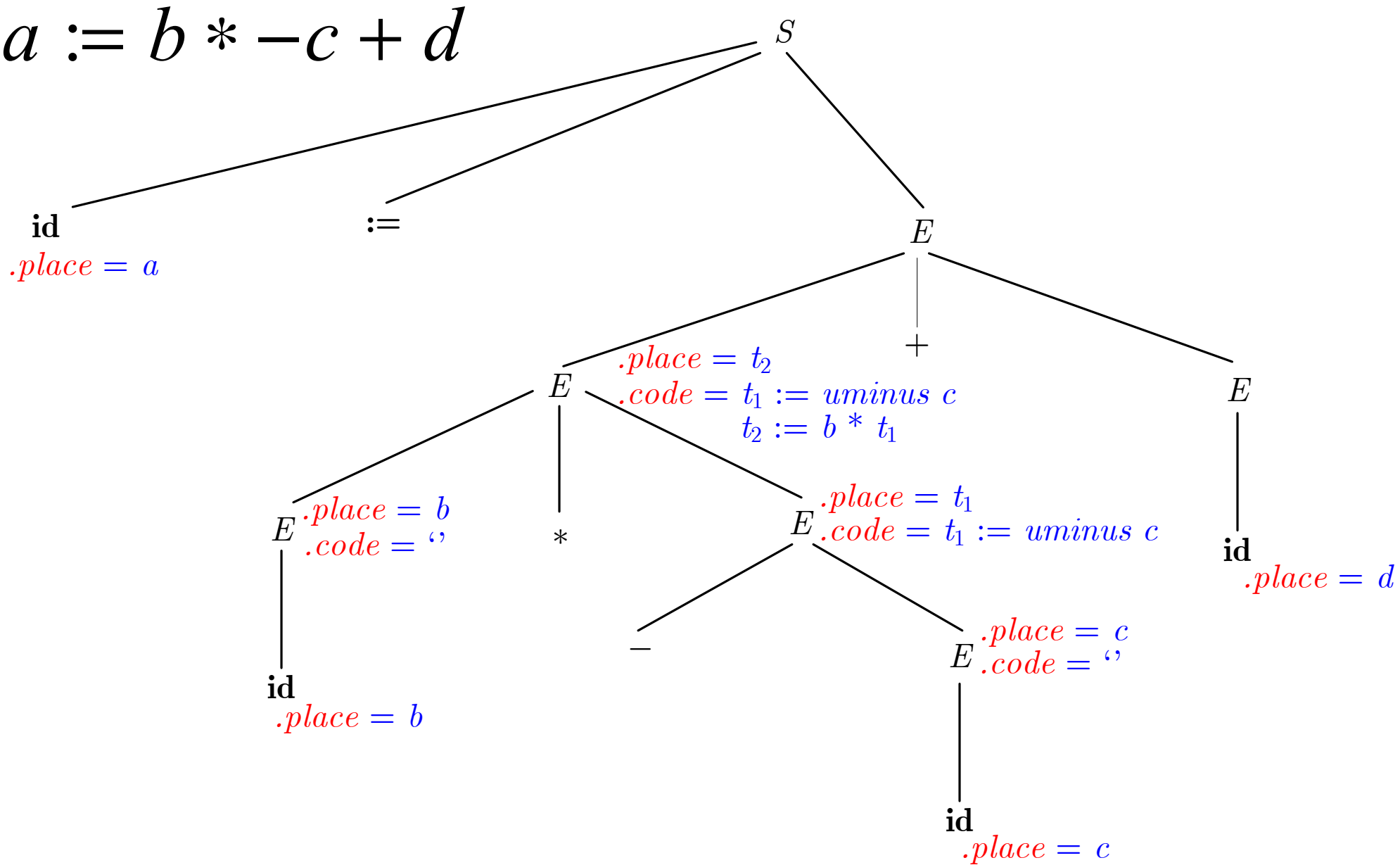


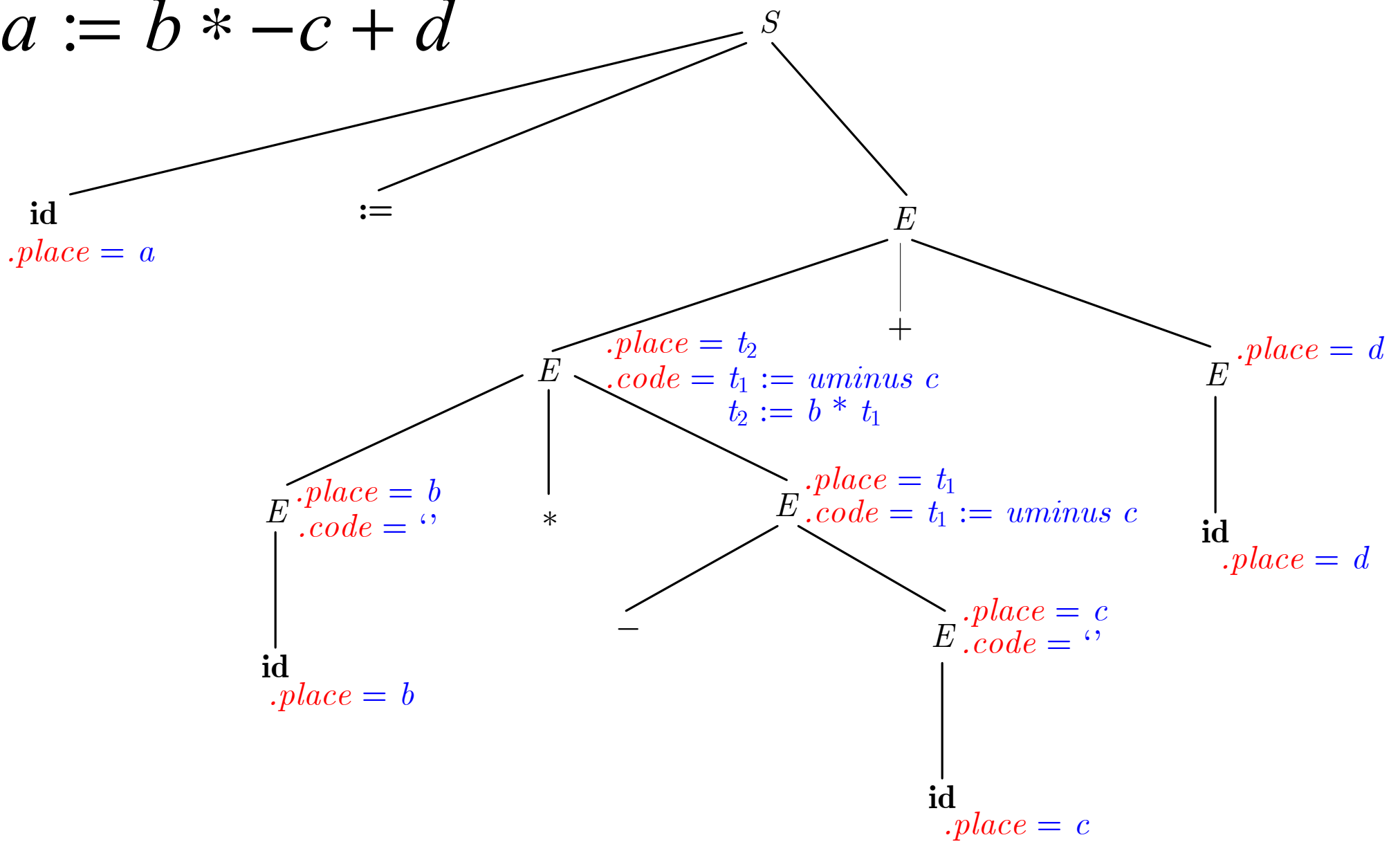
$E \rightarrow E_1 * E_2$

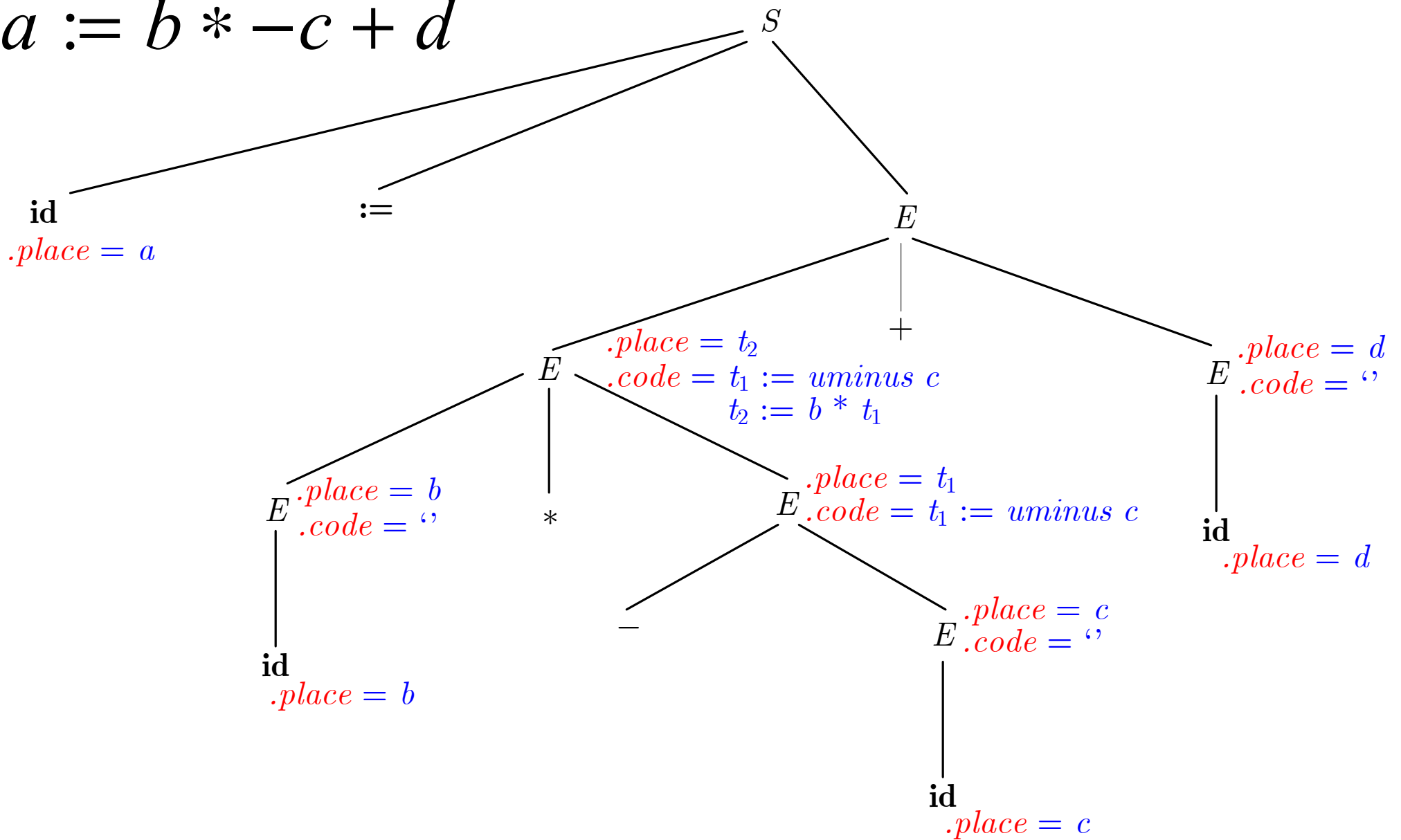
$E.place := \text{newtemp};$

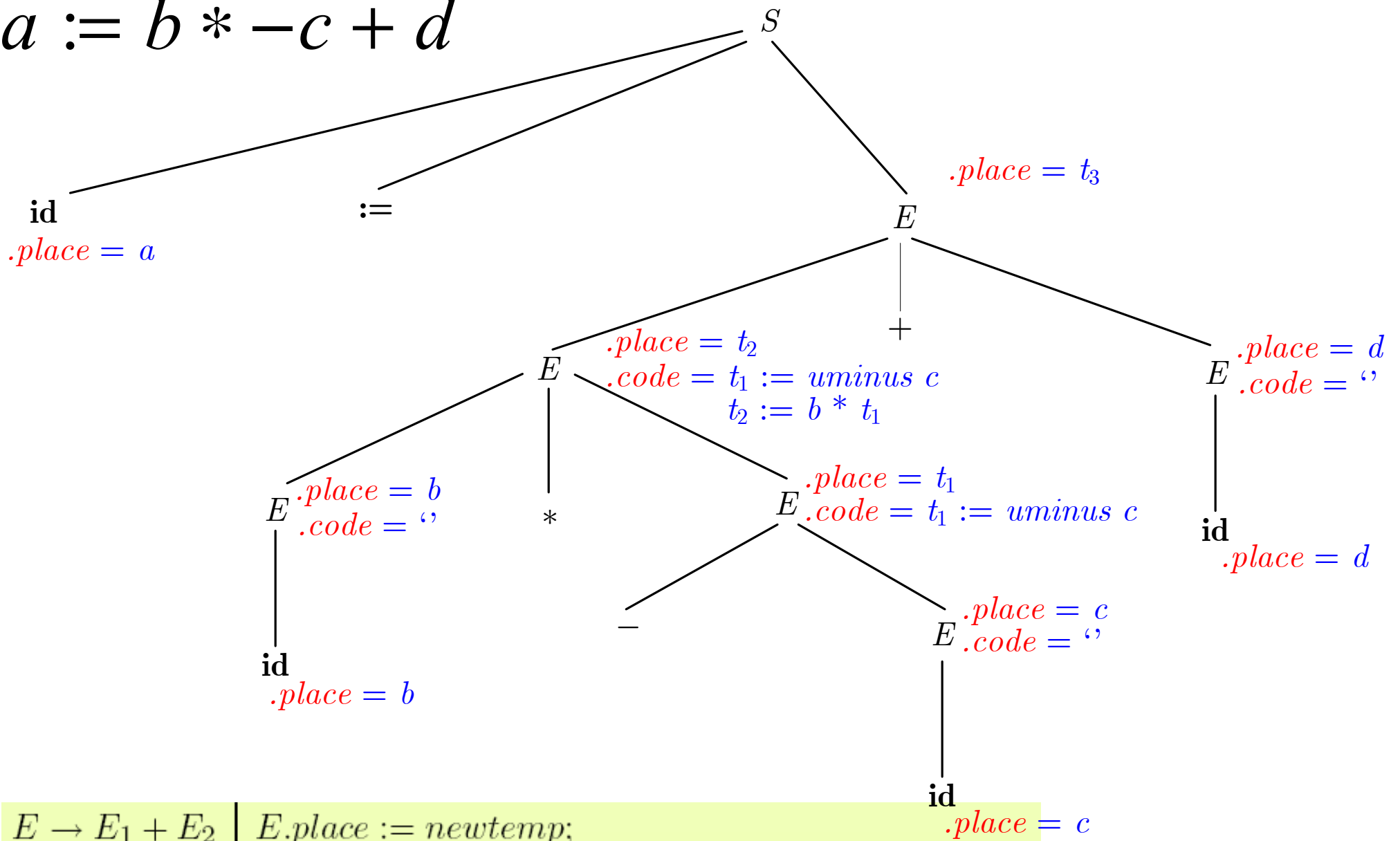
$E.code := E_1.code \parallel E_2.code \parallel$

$\text{gen}(E.place' := E_1.place' * E_2.place)$

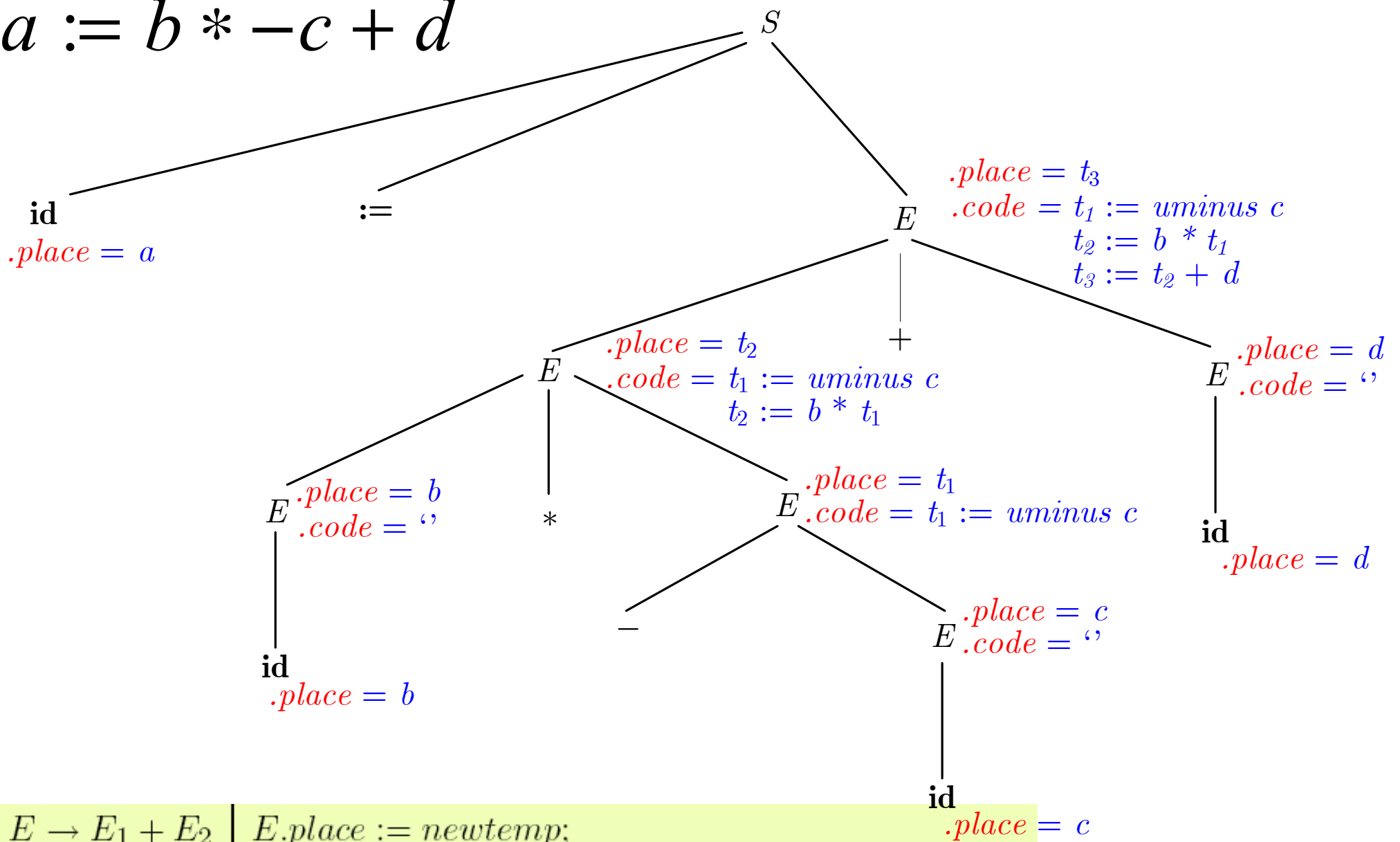
$$a := b * -c + d$$


$$a := b * -c + d$$

 $E \rightarrow id$
 $E.place := id.place; E.code := \text{'}$

$$a := b * -c + d$$

 $E \rightarrow \text{id}$
 $E.\text{place} := \text{id}.\text{place}; E.\text{code} := ''$

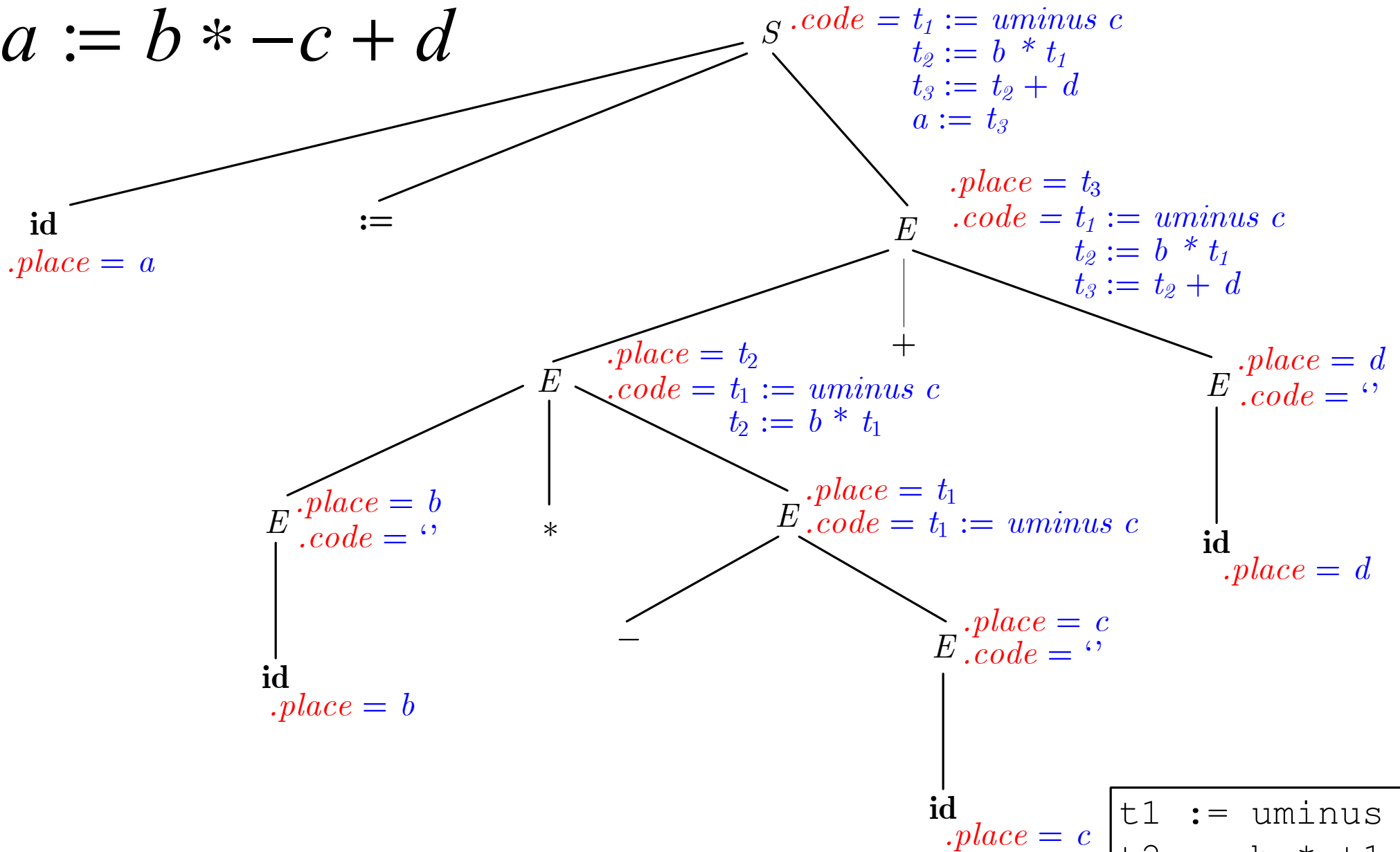
$$a := b * -c + d$$


$E \rightarrow E_1 + E_2$	$E.place := \text{newtemp};$ $E.code := E_1.code \parallel E_2.code \parallel$ $\text{gen}(E.place' := ' E_1.place' +' E_2.place)$
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$$a := b * -c + d$$


$E \rightarrow E_1 + E_2$	$E.\text{place} := \text{newtemp};$ $E.\text{code} := E_1.\text{code} \parallel E_2.\text{code} \parallel$ $\text{gen}(E.\text{place}' := E_1.\text{place}' + E_2.\text{place})$
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$a := b * -c + d$



$S \rightarrow \text{id} := E \quad \left| \quad S.code := E.code \parallel \text{gen}(\text{id.place}' := E.place)$

t_1	$:=$	$\text{uminus } c$
t_2	$:=$	$b * t_1$
t_3	$:=$	$t_2 + d$
a	$:=$	t_3