Example 5.3.

Grammar/Production	Semantic Rules
1) $T \to F\,T'$	$T'.inh = F.val$ (Inherited $T' \leftarrow F$)
	$T.val = T'.syn$ (Synthesized $T \leftarrow T'$)
2) $T' \to * F\,T_1'$	$T_1'.inh = T'.inh \times F.val$ (Inh)
	$T'.syn = T_1'.syn$ (Synthesized $T' \leftarrow T_1$)
3) $T' \to \epsilon$	$T'.syn = T'.inh$ (Inherited)
4) $F \to digit$	$F.val = digit.lexval$ (Synthesized)

val and syn are synthesized attributes.
inh is an inherited attribute.

$$3 * 6$$

$T.val = T'.syn = \boxed{18}$

$F.val = digit.lexval = \boxed{3}$

T' $T'.inh = F.val = \boxed{3}$
$T'.syn = T_1'.syn = \boxed{18}$

$digit.lexval = \boxed{3}$ $*$

$F.val = \boxed{6}$

T $T'.inh = 3 \times 5 = \boxed{18}$
$T'.syn = T'.inh = \boxed{18}$

$digit.lexval\,\epsilon = \boxed{6}$

$\textcircled{3}$

$\textcircled{6}$