

Plus  $a \ b \ [y := t] \rightsquigarrow$  Plus  $a \ [y := t] \ b \ [y := t]$

Times  $a \ b \ [y := t] \rightsquigarrow$  Times  $a \ [y := t] \ b \ [y := t]$

Num  $i \ [y := t] \rightsquigarrow$  Num  $i$

Var  $x \ [y := t] \left\{ \begin{array}{l} \text{if } x = y \ t \\ \text{otherwise Var } x \end{array} \right.$

Let  $x \ e_1 \ e_2 \ [y := t]$

$x = y \rightarrow$  Let  $x \ e_1 \ [y := t] \ e_2$ .  
 $x \notin FV(t) \rightarrow$  Let  $x \ e_1 \ [-] \ e_2 \ [-]$   
otherwise  $\rightarrow$  undefined.

Let  $x = z$  in  
let  $x = x + 1$  in  
 $x$