\* TRYPESUA STLC A.K.A. X (e,+e2  $(\lambda x : int. 5)$   $(int \to int)$   $(int \to int)$  SEMANTICS ARE BASHALLY THE SAME

 $\begin{array}{c}
e \rightarrow e' \\
\hline
E[e] \rightarrow E[e'] \\
\hline
M = N_1 + N_2 \\
\hline
N_1 + N_2 \rightarrow M
\end{array}$ 

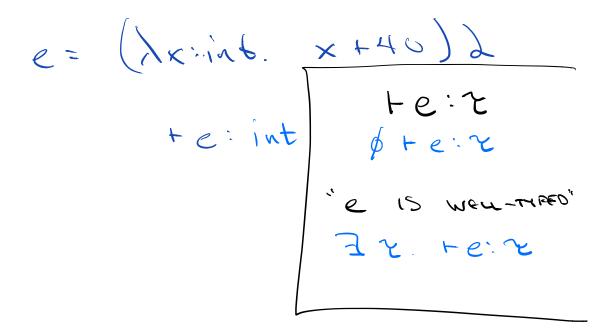
WELL-THEED PROGRAMS DO NOT GET STUCK.

42 + \x:int.x /

() 7  $\Rightarrow$  $(\chi \times (x \times X) \rightarrow C)$ 

$$\frac{\Gamma[x \mapsto \chi]}{\Gamma + \lambda_{x} : \forall \cdot e : \gamma \rightarrow \gamma'}$$

$$\frac{\Gamma + e_1 \cdot \chi_1 \rightarrow \chi_2}{\Gamma + e_1 \cdot \chi_1} \frac{\Gamma + e_2 \cdot \chi_1}{e_2 \cdot \chi_2}$$



T-VAR T-INF				
X: int + x: int x:int 40: int	_			
x'int +x+40 int	), j			
ABS				TUS
← λ &: (mt +40: int + int	+	2	int.	_
Le:int				ARP