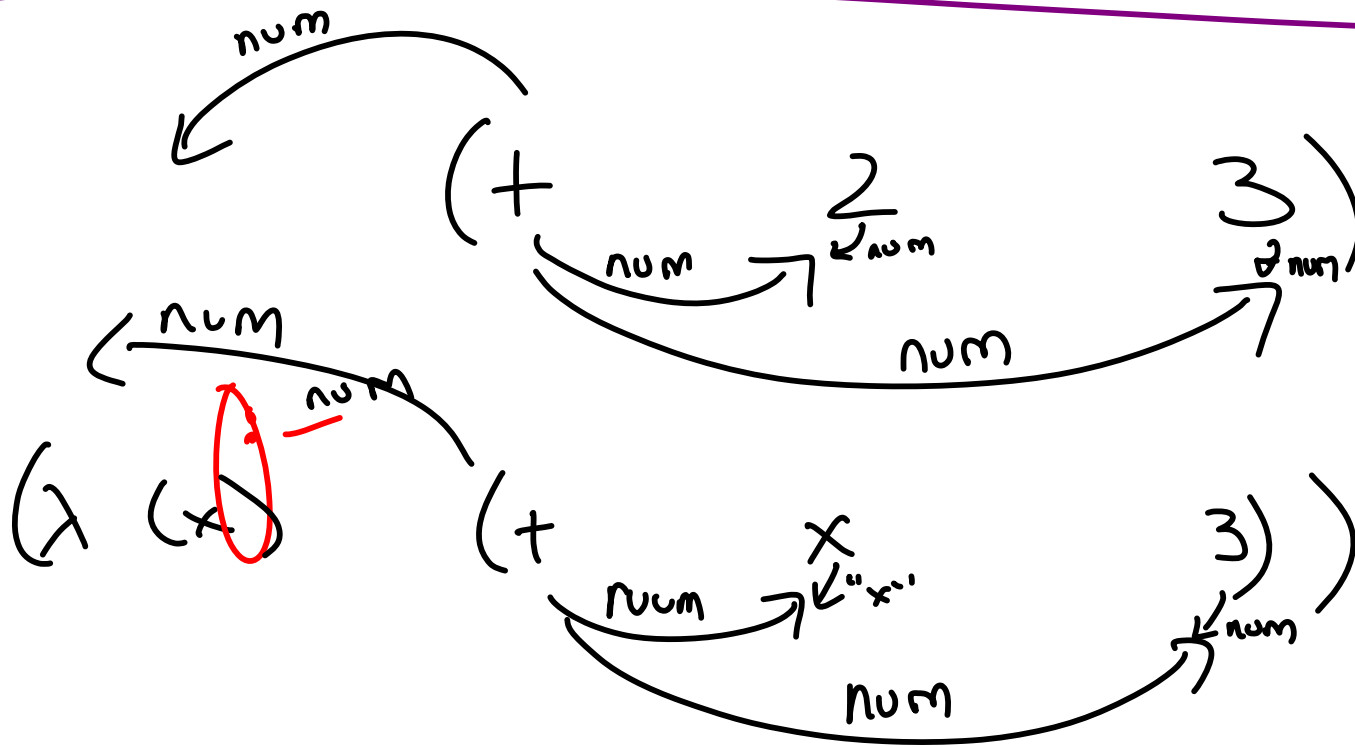
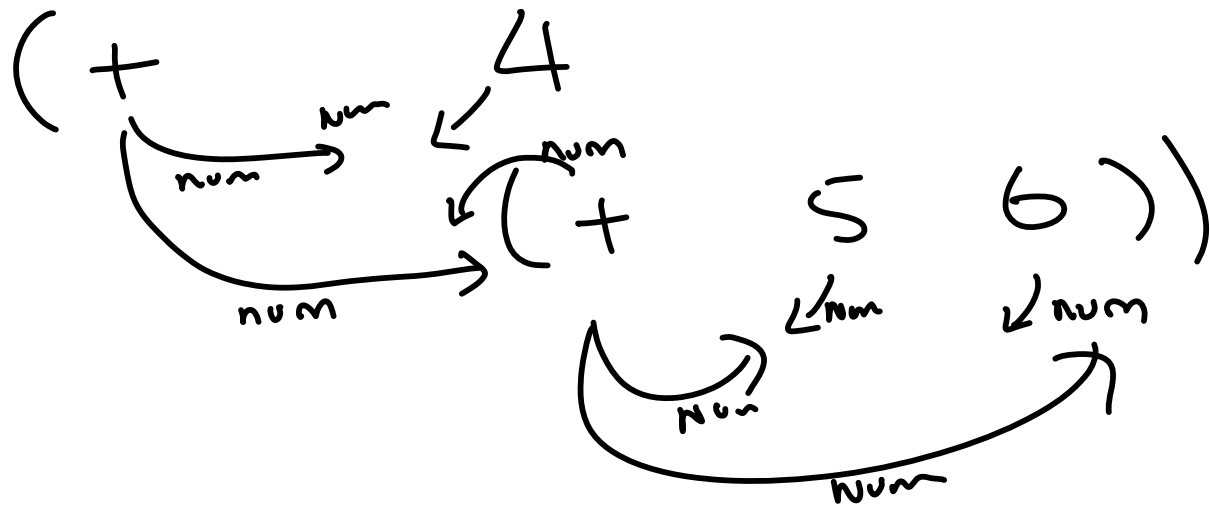


$(('a \rightarrow 'b) \rightarrow (\text{listof } 'a) \rightarrow (\text{listof } 'b))$



COIN STRAINTS

: (num \rightarrow num)



$(\text{num} \rightarrow \text{num}) \rightarrow \text{num}$

$CG : \Sigma_{\text{expr}} \longrightarrow \text{Set}(\text{Const})$

$$e = \text{id}('x')$$

$$\llbracket e \rrbracket = \llbracket 'x' \rrbracket$$

$$e = \text{num}(n)$$

$$\llbracket e \rrbracket = \text{number}$$

$$e = (+ e_1 e_2)$$

$$\llbracket e_1 \rrbracket = \text{number}$$

$$\llbracket e_2 \rrbracket = \text{number}$$

$$\llbracket e \rrbracket = \text{number}$$

$$e = (\lambda (x) b)$$

$$\llbracket e \rrbracket = (\llbracket x \rrbracket \rightarrow \llbracket b \rrbracket)$$

$$e = (\lambda a)$$

$$\llbracket e \rrbracket = (\llbracket a \rrbracket \rightarrow \llbracket e \rrbracket)$$

Constraint

