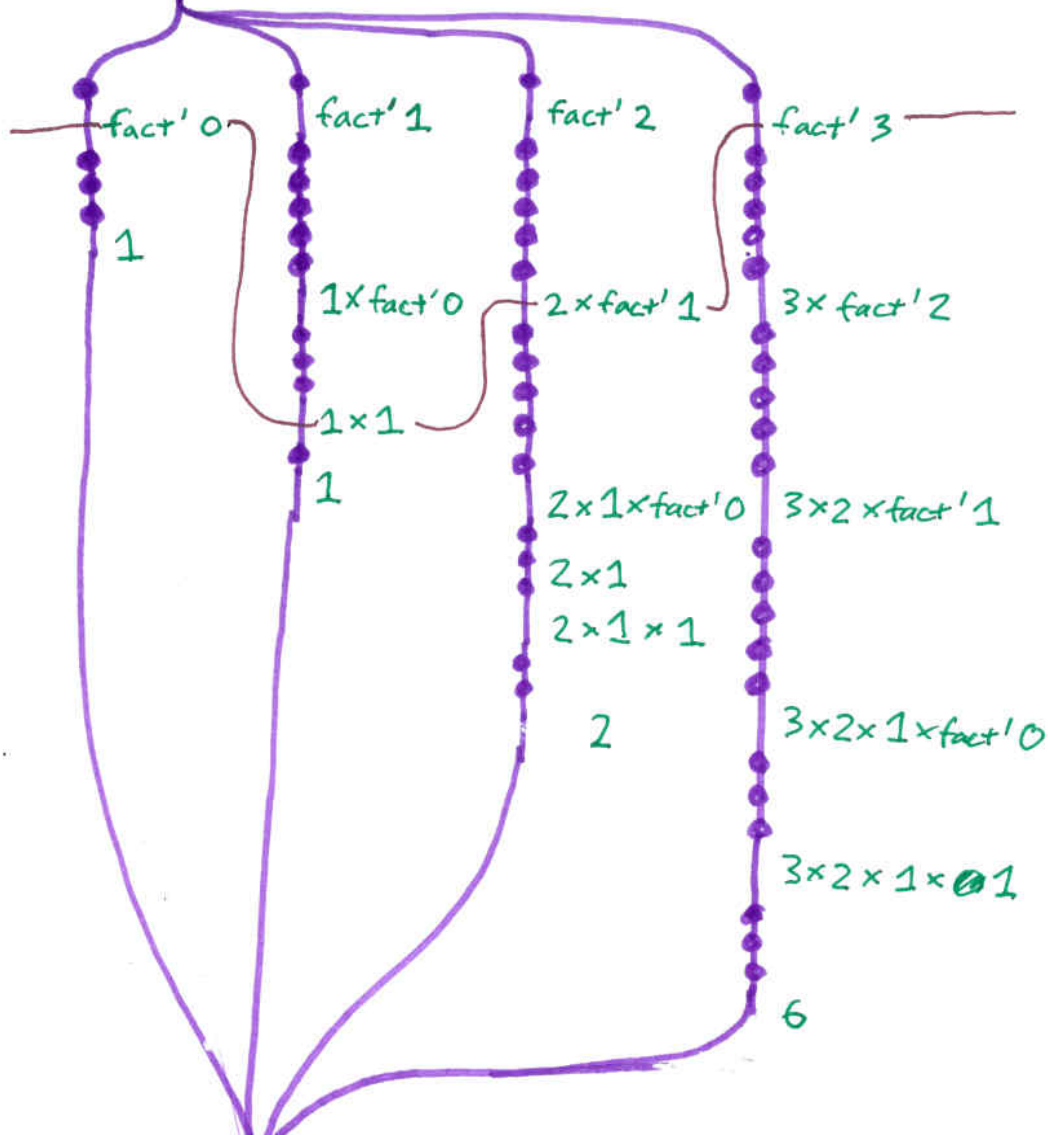


let $x = [\text{fact } n \text{ for } n < 4]$ in $x[1] + x[3]$



$(4 \otimes 10 \otimes 16 \otimes 22) \otimes 4$

WORK = 56

SPAN = 26

let $\hat{x} = [1, 1, 2, 6]$ in $x[1] + x[3]$

$[1, 1, 2, 6][1] + [1, 1, 2, 6][3]$

$1 + [1, 1, 2, 6][3]$

$1 + 6$

7

fact = fix fact is
 $2(x)$ if $x == 0$ then 1 else $x * \text{fact}(x-1)$

fact' = $\lambda(x)$ if $x == 0$ then 1 else $x * \text{fact}(x-1)$

So, fact \mapsto fact' and fact' val