$\begin{array}{c} \text{Nil} \Rightarrow 0 \\ \text{Cons 1 Nil} \Rightarrow 1 \\ \text{Cons 2 (Cons 1 Nil)} \Rightarrow 3 \end{array}$



 $\begin{array}{c} \text{onNil} \Rightarrow 0 \\ \text{onCons 1 onNil} \Rightarrow 1 \\ \text{onCons 2 (onCons 1 onNil)} \Rightarrow 3 \end{array}$



onNil \Rightarrow 0 onCons 1 0 \Rightarrow 1 onCons 2 1 \Rightarrow 3



 $\begin{array}{c} \text{onNil} \Rightarrow 0 \\ \text{onCons} \ x \ y \Rightarrow x + y \end{array}$



foldList onNil onCons