



$\text{map} : \text{Vect } n \ a \rightarrow (a \rightarrow b) \rightarrow \text{Vect } n \ b$

$\begin{array}{l} \text{--- Nil} \quad p = ?a \\ \text{--- } x :: xs \quad p = ?b \end{array}$

New Data

New Func

$\text{zip} : \text{Vect } n \ a \rightarrow \text{Vect } n \ b \rightarrow \text{Vect } n \ (a, b)$

$\begin{array}{l} \text{--- Nil} \quad \text{Nil} \quad = \text{Nil} \\ \text{--- } (x :: xs) \ (y :: ys) = (x, y) :: \text{zip } xs \ ys \end{array}$