

data \mathbb{N} : Set where

zero : \mathbb{N}

suc : $\mathbb{N} \rightarrow \mathbb{N}$

{-# BUILTIN NATURAL \mathbb{N} #-}

$_{_}+_{} : \mathbb{N} \rightarrow \mathbb{N} \rightarrow \mathbb{N}$

zero + $n = n$

(suc m) + $n = \text{suc } (m + n)$

{-# BUILTIN NATPLUS $_{_}+_{} \#-$ }

$1+1 \equiv 2 : 1 + 1 \equiv 2$

$1+1 \equiv 2 = \text{refl}$