

infix 6 $\dot{-}$

infix 4 \equiv

data \mathbb{N} : Set where

zero : \mathbb{N}

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

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

$\dot{-}$: $\mathbb{N} \rightarrow \mathbb{N} \rightarrow \mathbb{N}$

$n \dot{-} \text{zero} = n$

$\text{zero} \dot{-} \text{suc } m = \text{zero}$

$\text{suc } n \dot{-} \text{suc } m = n \dot{-} m$

{-# BUILTIN NATMINUS $\dot{-}$ #-}

data \equiv {A : Set} (x : A) : A \rightarrow Set where

refl : $x \equiv x$

$0 \dot{-} 1 \equiv 0$: $0 \dot{-} 1 \equiv 0$

$0 \dot{-} 1 \equiv 0 = \text{refl}$