Empty Set

data Empty: Set where

A.K.A.

- Void
- Zero

False Proposition

data Empty: Set where

```
negation-proof: InputSet \rightarrow Empty negation-proof x = ?
```

-- Goal: Empty

-- x : InputSet

False Proposition

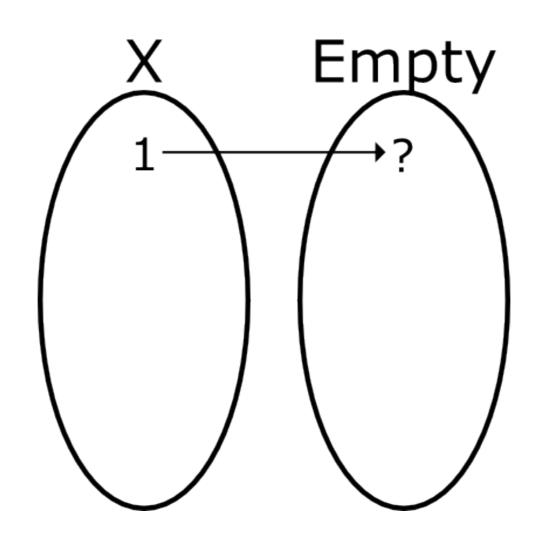
data Empty: Set where

```
negation-proof: InputSet → Empty negation-proof()
```

False Proposition

```
data Empty: Set where
not: (A : Set) \rightarrow Set
not A = A \rightarrow Empty
negation-proof': not InputSet
negation-proof'()
negation-proof: InputSet → Empty
negation-proof()
```

Function to Empty Set



Function to Empty Set

