Type isomorphism

Definition

Types A and B are *isomorphic* if there are functions $f : A \to B$ and $g : B \to A$ such that $(x : A) \to (g \circ f)(x) = x$ and $(y : B) \to (f \circ g)(y) = y$, and we write $A \cong B$.

Proposition

Isomorphism ($\cong$) is an equivalence relation.

(Type *equivalence* in HoTT)

What does $=$ mean?