

Injective

A function f from set A to set B is called an *injection* and f is said to be *injective* if each element in A maps to a different element in B .

In symbols, f is injective if $f(a) = f(b)$ implies that $a = b$.

An injective function is also known as a *one-to-one* or *one-one* (both read as 'one to one') function.