Q.8

Given liman=L and M>0, Prove liminan=ML

Proof: liman=L is the same as (the N)(JE)(thenen)\*

(lan-LISE).

limman=ML is the same as Man-ML/SME.

By Algebra, lim Man=ML is the same as Mlan-LISME.

This Still conveys that beyond a number m, Man is in some range of L.

Thus, the Statement is proven.

QED M