Hereguesens Department Memog numericum entitle leneguesens.

Securia 1. (Hipateriento Department) $\forall n \geq 1 \ \forall x \geq 1 \ (1+x)^n \geq 1 + n \times$.

D-bo: Memog num unggregue no n

Dagne $(1+x) \geq 1+x$, $(1+x)^2 \geq 1+2x$ Megnono neme, $\forall mo \ (1+x)^{m+1} \geq (1+x)^n$ $(1+x)^{m+1} = (1+x)^n (1+x) \geq (1+nx) (1+x) = 1+x (1+n) + n \times 2$, $\forall mo$ Seno $\geq 1+n \times 2$ repalemento Depugnico Lepro.