Exercice for induction Proof. by complete induction i.c. m = 3 l.h.s. n = 3 = 27x. h. s. : (3+1)! = 4! = 4.3.2.1=24 27 > 24 (n+1) (n+1)We observe that every summand in (x) is non-negative. $= (n+2)! \qquad \forall i.s.$