Ex.3) f(n) Ed(g(n)) \ightrightarrows JN,K>05.t. \formall n>N:05f(n) < kg(n)

 $WTP: f(n) \in o(g(n))$ 

3 p2 4 n2 Let k=2

For N=1 and K=2 this holds.

9(h)= n2 f(n)=3h2