1-Let a, b, d \in 2 d aldb Assume albis) b=a.k kez d.b=d.a.k letsmultiply bothsides with dEZ (db)=(da) E this gives us daldb Assume dalbb= 0.alb.b 010 is indeterminate a, b is irrelevant to dalab since d=0 we can not provertenat allo 2- A is a composite integer therefore n=p, pz. ... P, pz. ... et Prime numbers JPEP pla that PSVT reproper and pissmallest prime number Cets assure possine inorderto reach a weshould have another prime runberg that's Eligherthan P. Sowecan Say p.q=1 but p.p. was already higher than a therefore pigen want satisfy in any case We can say from proofwith 3-MEZT AXER XX contradiction that P. Dun | < mk</p>
X
Number of Es that satisfies the condition minimum of these numbers is m kelor O when xcm . maximum of these numbers is X - x Modern Ok: mumber of tig ne X-xmoder = X-xmoder = X-

5-LetxeR and nezwithn>0

LLXI/n]=LXn]

6-Let a, b \in \tau \begin{align} \left(a mod \do \right) \in \left(\begin{align} \in \left(\begin{align} \left(\begin{align} \in \left(\begin{align} \