Math 135-lecture 2 1 45 7 - In class Announce ments 7 00 CKSS 5 is out HWO (now) 402 Cay group work 19 Jis today 1/15/2010

7007 he sequence of statements giving that a statement that can be rigarously

Irrect Think about o Skin prats Show the 2 9, Cannot

This is an integer	二分(1K~+2K)+(二) N~ 15 odd.	= 462+46 +1	1 (2K+1) (2K+1)	Then: M-2 (2K+1) -	<b>,</b> 3	~	That means we can write in as	Assume n is an odd interer.	pf: (Assume o is true then show a cannot be Falso)	odd integer	Fx: If n is an odd interer, then n2 is an

halizect Yrost Since they recall: (What 15 accomplished pag 0,15 true ganivalent 01750 7 DY Showing Can instead (05105117 Calles Shimons egiliva lent ONTROOSITUR

It 3n+2 is and, then hat reans tssume Assume · ndireot Us + 2 1 2 (21) ジャナン 5 oract) also 15 ever 1) S-15 true of Show 70 Must コーシと S 3/1 Is an integer 8 ) ナ for some KEZ 50 7 (S &C) Z