(n!>2m+1) 4n25 (Base case) n=5 (5! > 2541) 51:5.4.3.2.8 2501:25 -ndy thre step) n = b++ Assume (k! > 2 km) (Show (kil)) (k+1), = (k+1)(k!) 7 (k+1) 2 k+1 L by I4) 2 (224) pi. by induction, n1,72 nm 4h25.00

jn5

tains ins Ins

2 3 (4 jti 12) to 4-2 Step 2 12/ to 4-1 step/ je1,2,3 23 9