90x7 Coures 7 (2 k +1) cused 29 \$ -0 EXO3 20 D(N+1 P 0 137 0 E. SOX even 3 6 20 A \$. 0 5 median D 3 even 3 45 200 P 2 E True KI 400 9 0 20 More Con D 20 B 0 9 天 Know Know ode 3 P(2R+1 even 0 R 0 M 5 B 8 Ox X TAO 3 11 8 Palle 2 3 Ther 1 O Ba 0438; Me Zer. 90 00 +1) 9/28 +1) MINOS OE. M(W+I) Rem'in D D 20 3 11 an Frem Honce E CON example) COR. 6 Solution. D(n+1) D Ø becourse 80 5 and Simecon 2+4 enc 0 B A P 4 P E 2+5 take 1 1 の作 040 030 > = am 1 have 0 we have 20 5 5 2 MA WATO D integ 1) NI P 00 oven 8 Dac D W Z 2 2 X 2 80 5 B Q G Wo N P 5 0 megation with D true, 2 +4 200 odo Seriesmon 0 Q 10 P Cam < U 0 1 H > 2 Rem n(n+1) B 80 for example: 0 No take OE 7 2m+1 (8kg)= 0 0 M D ① 2 D 2 D Thus 0 (good 5 2 nini 000 B Que. -6 nenti > 9 1 eithen Then 1 example means 0 (KM-(X))> 1 100 5 andmore even evan 3 M DO CHEM (2=D) that! m 28 J

metane, (Ata) Mt prove 60x3 10 We Tiloto up :19 P(M) CK amseguer 800 de Dal come chu entry: Hong have HON WING 700 7th To P(m+1) CE ANC 700 7 A Bu S assem then so even mounchan contra P(M+1) 2 P 2 五 oda QM 4 MEM Mes countre (N+Q) PINIA COM 700 t 200 t 200 add 1+(n+1)a C P(n) DA 3 Anc.N. number lictron. + BHS 7,0 1 11+05 20 5 Consequently Alex Mta) Br Chaere) mumber howe P 5 LECHOTICAL. RX+ 11 do 70 ex conve even Su 1 (1+1)2 かしいナリー 1 12 Dr 3+1 Fu 1 > (1+a) (1-+ n.a)=1+ (n+1)a 100 4 5 E D.C. * (7+2) 2 1 NA R Lox 人上公土 +(n+1)3 = (2) P(N) N: We 70 DC Dus add +40+m3 101contradic MA JU-10/2 D 5 8(R2+ (1+M)3 (2)8/1-(1)2) ten 4 大×大 (0+1)2 0 0 2.* 8. seamound Truce 8 11 77 T 20 (111)2 N → () (M+212 ST 50 10 Ral ring Bo 10/2 9 [m+] 3 +1002 We V 4n+4) Sume 5 assumphon W/2 3p So THE 1 even 100 0 TP

7 :-3 a= 2 b= 4 kx By sometime EXOL there force, be the contraposition of: 50-7 is even => hem, Sumone Therefore, a is even 100 Thurs! Hatiemat. 20 0 Suppose that the proposition is fathe, so the is MON E 0 **B Q** but bu 50 FB. that . 51-7= and b are beth even, They are both 50 amo 5. it council be the b to, his Jackan both sides, Da Then there exist 200 is even and 6 m 5 Mitabional assumption, im possible. hence a must also be 4 diminuting that ie RA 0 05 even odd F a We have ! n is even -> 5 n-7 and b a = 2 R 50/20 , then: integers a, b sa case are 2 is in simplest form NO Kmust abo be They F and o hat the 01 conume. even M 200 A S are 7 To Materia is a fator 500 6 To the state of th 2(5R-4) odal divisible RO consume, even odd