

A WHOLE NUMBER LAN BE EITHER OOD OR EVEN. AN EVEN WMBER FORMULA n=17 AN ODD NUMBER FORMULA n=(1 ZZ+1) *AN EVEN NUMBER MULTIPLIED BY ITSELF OR ANOTHER EVEN NUMBER ALWAYS RESOLTS IN ANOTHER EVEN NUMBER. 2 K1 · 2 K2 = 4 K1 K2 , 4 K1 K2 : 2 (K1 and K2 E Z) ** AN ODD NUMBER MULTIPLIED BY ITSELF OR ANOTHER OOD NUMBER. (2K1+1).(2K1+1)=4K1K1+2K1+1K1+1 (NOT DIVISIBLE) $\frac{4 \times_{1} \times_{2} + 2 \times_{1} + 2 \times_{2} + 1}{2} = 2 \times_{1} \times_{2} + \times_{1} + \times_{2} + \frac{1}{2}$ I'VE PROOVED THAT IF AN ODD NUMBER MULTIPLIED BY HNOTHER ODD AND THAT AN EVEN NUMBER ODD NUMBER THE RESULT IS RESULTS IN AN EVEN NUMBER. IF MULTIPLIED BY ANOTHER THEREFORE IF N'= EVEN THEN N = EVEN A SPECIFIC EXAMPLE FOR n3=EVEN, WHY n CAN NOT BE ODD. n=2R+1, REZ $n^3 = (2R+1)^3 = 8R^3 + 12R^2 + 6R + 1 = 2(4R^3 + 6R^2 + 3R) + 1$ n3 = 8R3 + 12R2 + 6R + 1 = 4R3 + 12R2 + 3R + 1 OBUIOUSLY NOT

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A, B, C, D are sets | H = 13 and C = D | H and C have no elements in common. * ASSERTION H and D also have no elements in common * (OUNTEREXAMPLE H= {17, 1, 2, 3} (A = B) and C = D A and Chave no elements in common B={A,4,5,6} BUT ASSERTION IS NOT FRUE FOR THESE 4 SETS, THEREFORE,
THE HSSERTION IS WRONG. C={4,5,6} (BOTH H AND O CONTAIN TT) D={C, TT}