TAREFA: FATORIAL 074! = 4.3! = 24 b= 5! - 6! = 5! - 6.5! 1.5! -6.5! 09 - 9.87.6! 9.8.7 = 1504 120 = - 600 1)981 - 981 100! 100.99.98! (n+1) 3. (n!)2 - (n-1)!n! > (n)2-(n-1)!n! > (n)2-1=n! (n-1)! -1 (2-1); 2; $n!(n-1)!n!(n-1) \rightarrow n! - n \rightarrow n-1$ (n-1)!4. (n+2)! (n-2)! = 4 -> (n+2). (n+1)! (n-2)! (n-1).(n-2) (n+1)!(n-1)! (n+2)=4 (n-1)

7. n! + (n-1)! = 6 = n(n-1)! + (n-1)! = 6 (n+1)!-n! 25 (n+1)n!-n!(n-1)! [n+1] = 6 _ (n-1)! [n+1] n! [(n+1):-1] 25 n(n-1): [(n-1/-1) n+1 = 6 -> 6n2 = 25(n+1) $6n^2 = 25n + 25$ 6x2-25m-25=0 1= (-25)2-4.6.-25 A= 625 +600 A = 1225 25-35.-10-0 12 R:5 8. 211 - 221 = 21! = 21.20! = 51090942171709440000 - 221 51090942171709439779