```
b) 9 = 1 + (-1) "
   BUSE CHSE: 9, = 6
  RECURSIVE CUSE: anti = an +?
              ant = 1+ (-) n+1
                 = 1/+ (2/1) x(-1)
                 =1 +(((-1/2+1)-1)(-1)
                  = 1 + (an-1) (-1)
() G = n(n+1)
     bese case: a, = 2
      ant = an +?
       ? = an+1 - 9n
         = (n+1)((n+1)+1) - n(n+1)
         = (n+1)(n+1) + n+1 - n2 - n
         = n^2 + 2n + 1 - n^2 + 1
      (anr) = an + 2n+2
d) 9n = n2
  BASE CUSE: a = 1
  RECURSIVE CLASE. anti = 9n +7
            2 = anil - in = (n+1)2 - 12 = n2 +2n+1-n2
                           = 2n + 1
\left(a_{n+1} = a_n + 2n + 1\right)
```