```
Scéance 3
                                             1. s = 15, d = 4 \begin{pmatrix} s + d - 1 \\ s \end{pmatrix} = \begin{pmatrix} 18 \\ 15 \end{pmatrix} = 816
                                                                 x>0 -> x>1; x'= x-1 ou x = >c'+1
                                                                   y > 5

z > 2 \rightarrow z > -1; z = z + 1 z = z - 1

u > 10 \rightarrow u > 11; u' = u - 11 u = u' + 1
                                                             => (20-+1) + (y-+9) + (z--1) + + + (u+11) = 60
                                                                               x'+y'+z'+t'+u'= 40
                                                                                     => s=40 , d=5
                                                                                                        (40+3-1) = (44)
                                                                   5.56 et sEN, d= 4
                                                                          \frac{5}{5} \left( n + 4 - 1 \right) = \frac{6}{5} \left( n + 3 \right) = \frac{5}{5} \left( n + 3 \right)
                                                                                                           = (6+1+3) = (10) = 210
                                                               0 < 3 \le 6 et s \in \mathbb{Z}, d = 4 au moins 1, \frac{6}{5} (n + 4 - 1) = \frac{6}{5} (n + 3) = \frac{6}{5} (n + 3) - (3) done 6 - 4. (6) = \frac{6}{5} (n + 3) = \frac{6}{5} (
                                                                                                                      = (10)-1-209
                                                                                                                                                                                                                                       + ch. de variobles
7 7001(9) X
                                                                  x7,3; x=x+3
                                                                  y 2-1; y=y'+1
z>,1; z=z'+1
t2-2; t=t'-2
                                                                 =) (pc+3)+(y'-1)+(z'+1)+(t'-2) 6.
                                                                                                                                                                                                                        on de variables
                                                                                                     sc+4+2+++55
                                                                                                    > 5 ≤ 5 of 5 ∈ 7/2, d = 4 parce que 7, y, z, 6 > 0
                                                                                             \frac{5}{2} \binom{n+4-1}{4-1} = \frac{5}{2} \binom{n+3}{3}
                                                                                                                                             = (3) = 126
                   (1) × 4. ∞+y+z= 415- €
                                                                                                                                                     (oc-+1) + (g+1) + (z+1) + (u+1) = 273
                                                           (415-t)+u= 273
                                                                                                                                                              x + y + z + u = 269
                                                                                                                                                                                        \binom{269+4-1}{4-1} = \binom{272}{3}
                                                                    t-u=142
                                                                  £+1-(n+)= 42
                                                                     =) (142+2-1)=142
                                                                                                                                                                         =) (272) ABB
                                                              5: on connat a on amait
                                                           (et a < + dinc Z+)
```

