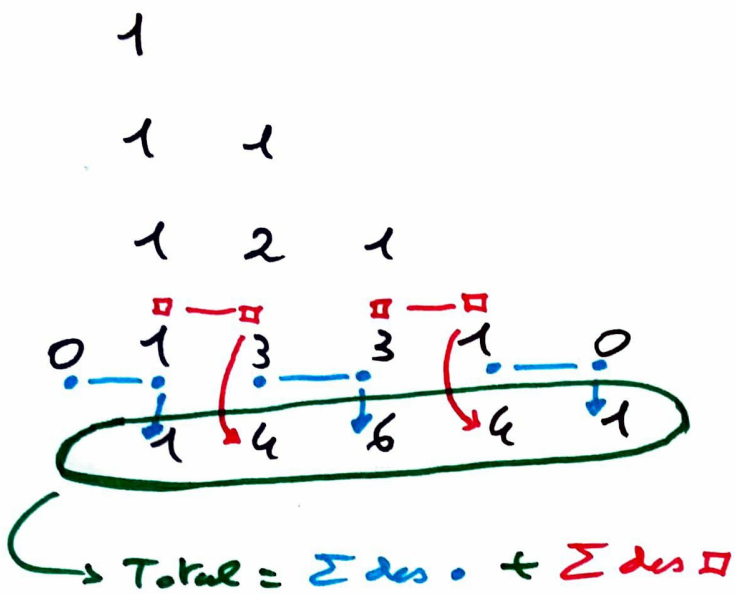
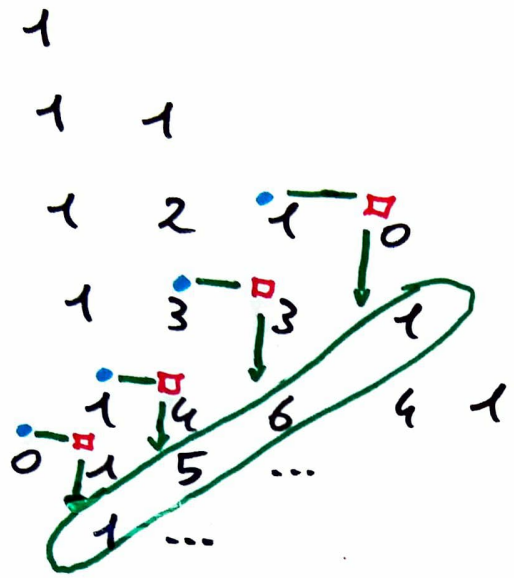
Un triangle de Pascal à observer

$$\sum_{k=0}^{n} \binom{n}{k} = 2^n$$



Donc Total ligne $n+1$ k = 2 · Total. ligne $n+1$ $(k-1)$

Total $k^{ième}$ diago = F_k ($k^{ième}$ nbre de Fibonacci)



↳ Total = Σ des • + Σ des □

Donc Total diag $n \equiv k$

= ——— ($k-1$)

\+ ——— ($k-2$)