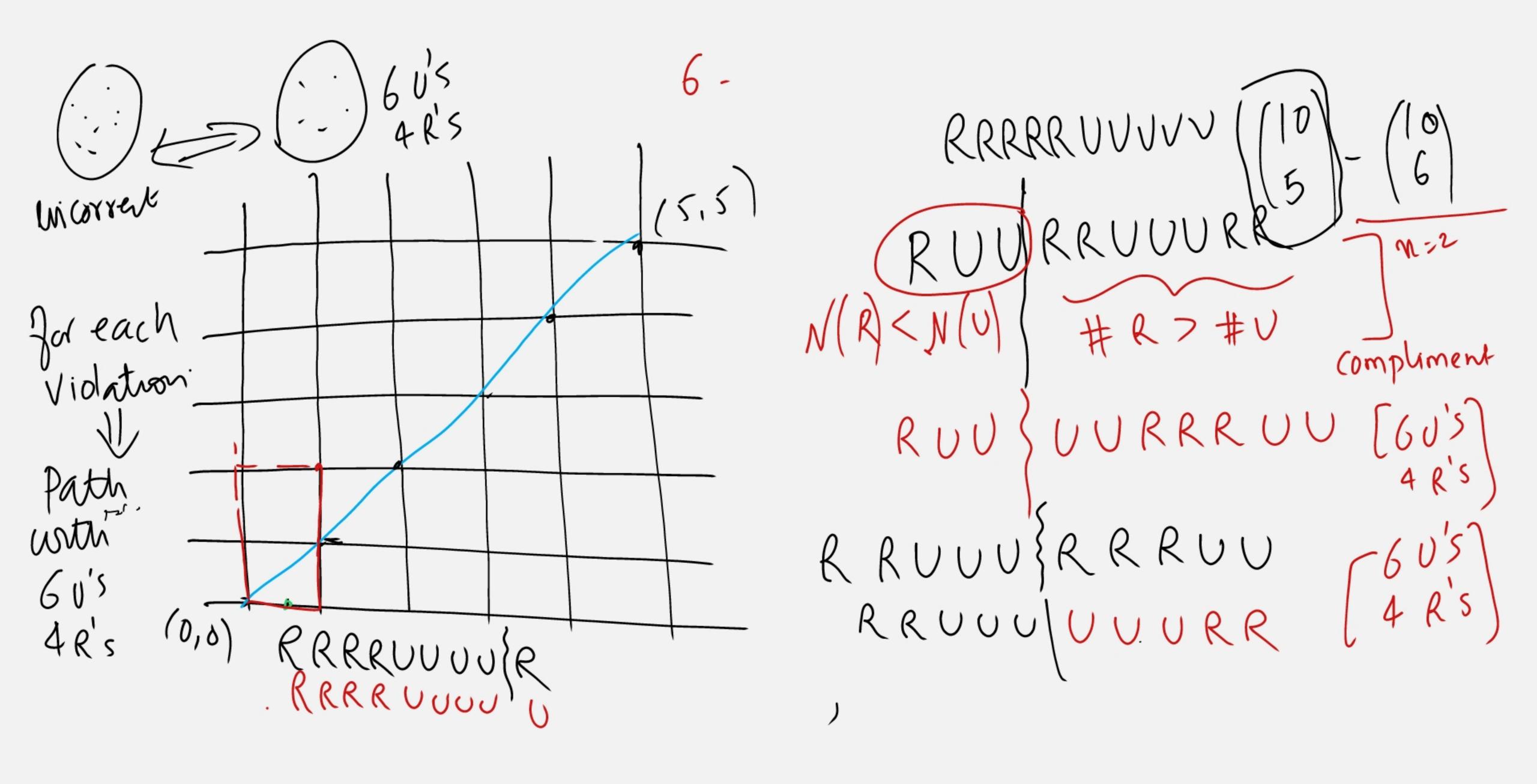
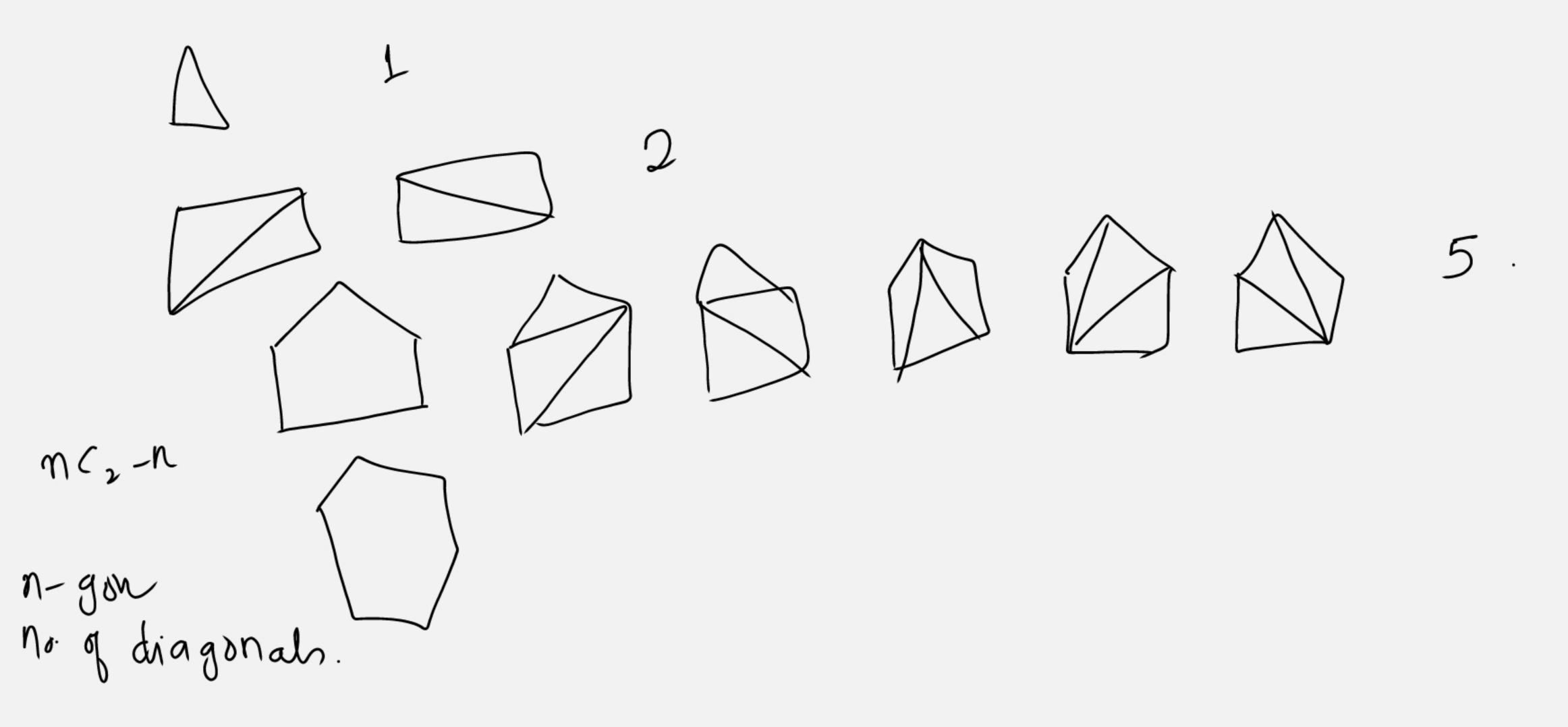
What is the wiff of $\chi^2 y^2 z^2$ in $(\chi + y + z)^6$ $\chi + y^3 z$ $(\chi_1 + \chi_2 + \dots + \chi_n)^n / \qquad \chi^{4n} = \frac{6!}{2! \ 2! \ 2!}$

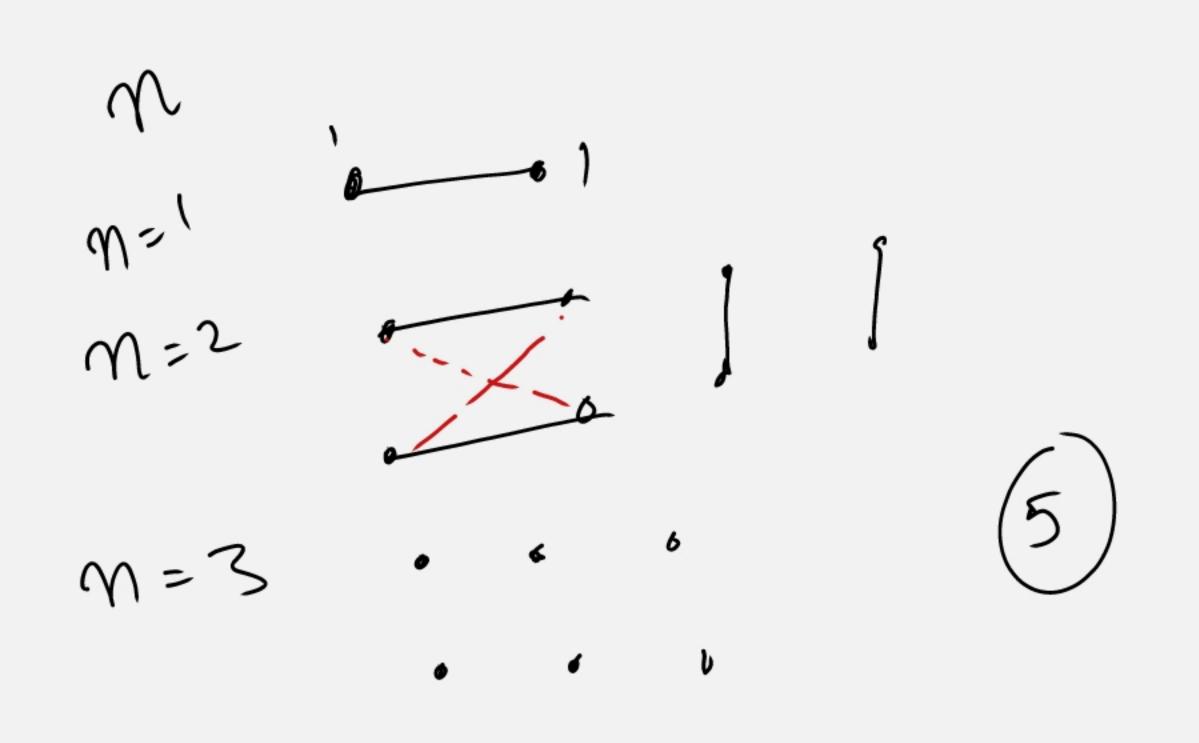
$$\begin{array}{c}
(m,n) \\
(m,n)$$





- Iroot 2 branches -> 2 monts 2 branches 2 5 branches

binary trees



CATALAN numbers