

$n \backslash k$	0	1	2	3	4	5				
0	1	(Upper triangular region shaded with diagonal lines)								
1	1						1			
2	1						2	1		
3	1						3	3	1	
4	1						4	6	4	1
5	1						5	10	10	5

$$\begin{array}{c}
 4 + 6 \\
 = \\
 10
 \end{array}$$