

# Pascal's Triangle

row 0					1								
row 1				1		1							
row 2			1		2		1						
row 3			1		3		3		1				
row 4		1		4		6		4		1			
row 5		1		5		10		10		5		1	
row 6	1		6		15		20		15		6		1

- Let us number the rows (starting at 0) and count the entries (starting at 0)
- $T_{n,k}$  is the  $k$ th entry in the  $n$ th row.
- For example  $T_{5,0} = 1$ ,  $T_{5,1} = 5$ , etc.