

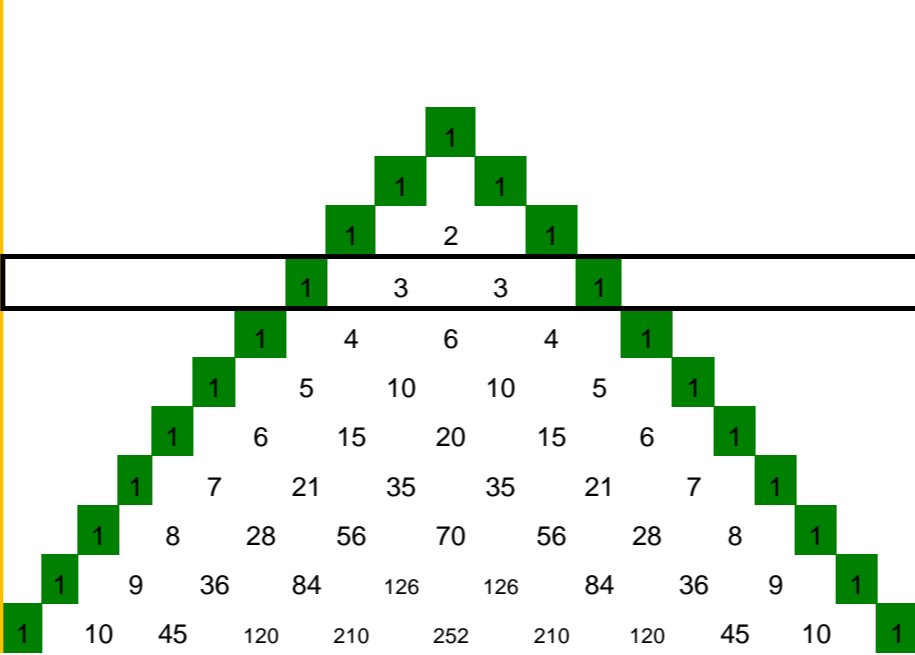
**POTENZA di BINOMI**

ESPON  $(a + b)^n$

0	( 1 + 1 )	<sup>0</sup> =	1
1	( 1 + 1 )	<sup>1</sup> =	2
2	( 1 + 1 )	<sup>2</sup> =	4
3	( 1 + 1 )	<sup>3</sup> =	8
4	( 1 + 1 )	<sup>4</sup> =	16
5	( 1 + 1 )	<sup>5</sup> =	32
6	( 1 + 1 )	<sup>6</sup> =	64
7	( 1 + 1 )	<sup>7</sup> =	128
8	( 1 + 1 )	<sup>8</sup> =	256
9	( 1 + 1 )	<sup>9</sup> =	512
10	( 1 + 1 )	<sup>10</sup> =	1024

A Cura di Enzo Exosyto

**TRIANGOLO di TARTAGLIA - 2**



**POTENZA di BINOMI**

$(a + b)^n$

( 1 + 1 )	<sup>0</sup> =	1
( 1 + 1 )	<sup>1</sup> =	2
( 1 + 1 )	<sup>2</sup> =	4
( 1 + 1 )	<sup>3</sup> =	8
( 1 + 1 )	<sup>4</sup> =	16
( 1 + 1 )	<sup>5</sup> =	32
( 1 + 1 )	<sup>6</sup> =	64
( 1 + 1 )	<sup>7</sup> =	128
( 1 + 1 )	<sup>8</sup> =	256
( 1 + 1 )	<sup>9</sup> =	512
( 1 + 1 )	<sup>10</sup> =	1024

**Esempio:**

$$1 \cdot 1^{3-0} \cdot 1^0 + 3 \cdot 1^{3-1} \cdot 1^1 + 3 \cdot 1^{3-2} \cdot 1^2 + 1 \cdot 2^{3-3} \cdot 1^3 = (1 + 1)^3 = 8$$