Example - toss 3 coins at a time and find the probability of getting head

3 1033			Head
H	Н	H	3
Н	H	T	2
H	T	Н	2
Н	T	T	1
T	H	H	2
T	Н	T	1
T	au	Н	1
T	T	-	O

Sum of all prob
$$\Rightarrow$$

$$= \frac{1}{8} + \frac{3}{8} + \frac{3}{8} + \frac{1}{8}$$

$$= \frac{8}{8}$$