## COMBI

## Combinatory calculations



The image is quite self-explanatory: once introduced the values of $m, n$, etc. is obtained the result pressing the button " = ".

Only requires some comment the case:

## Permutations with repetition (PR):

$\mathbf{P R}\left(\mathbf{m}, \mathrm{n}_{1}, \mathrm{n}_{2} . . \mathrm{n}_{\mathrm{k}}\right)$ is the number of groups of $m$ elements ordering them in all the possible ways inside the subsets of $n 1 \ldots$ nk elements ( $n 1+\ldots+n k=m$ )

The numbers $\mathrm{n} 1 . . \mathrm{nk}$ are introduced, one by one, in the stall with dropdown list and they are accepted with " return". they can be reedited and deleted selecting them in the list
 (Remember you that their sum must be $=\mathbf{m}$ )

