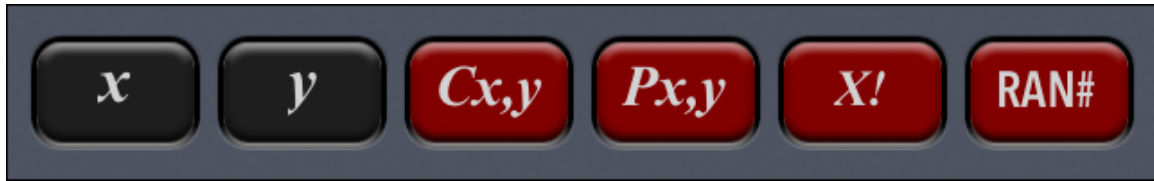








# Probability Functions Menu ( PROB )



	Stores the number of total items for the combinations and permutations calculations.
	Stores the number of items to be taken from a total of “ $x$ ” items for the combinations and permutations calculations.
	Calculates the number of different sets containing “ $y$ ” items that can be taken form a larger group of “ $x$ ” items. $C_{x,y} = x! / [ y! \cdot (x - y)! ]$
	Calculates the number of different arrangements of “ $y$ ” items that can be taken form a larger group of “ $x$ ” items. $P_{x,y} = x! / (x - y)!$
	Calculates the factorial of the current displayed number.
	Enters a random number “ $x$ ” in the range $0 \leq x < 1$