	Combinatorics Check	elist:	
7 -	Find # of (ways to)	using	formula
U	PIN's, no repeats, length k	n symbols	n Pk
1	Subsets, size K	set size n	$\left(\begin{pmatrix} n \\ k \end{pmatrix} = \frac{nPk}{k!} \right)$
	PINS, with repeats, length k	n symbols	[n ^k]
D	DNA strings with repeats, length k.	n symbols	(nk)
IJ	distribute n books on k shelver	n books (unordered)	(kn)
D	functions	from { , n } to { , k }	47
D	plans for n books on k shelves	bow many per	$\binom{n+k-1}{k-1}$
מ	purhase n donuts _	Non-negative integer	$r = \left(n + k - 1 \right)$
		first plan, then place each	$\binom{h+k-1}{k-1}$ n!
	in ordered rows	book	
D T	For restrictions: use of Final Exam: Also see		