Study sheet for Combinatorics by Matt in Wed night class

		Order?	
		Yes	**No**
Duplicates?	**Yes**	Ordered List n^r n = size of the list r = # ways to select elements	Unordered List $\dfrac{P(n+r-1,r)}{r!}$
	No	Permutation $P(n,r) = \dfrac{n!}{(n-r)!}$	Set $C(n,r) = \dfrac{P(n,r)}{r!}$

Write each formula 25 times. Start with the Ordered List (n^r) then do Permutation, Set, Unordered List, since they build upon each other.

Then put it together by writing out the above chart, starting with Ordered List, then Permutation, Set and finally Unordered List (follow dotted lines.). On the final, write this chart down as soon as the test is started.