

# times B fills A times# times (Fills B is equal to # times C fills A times # times B-C Fills A-C.

Consider sets A B and C such that CLBCA and the Sizes are 1, K, j respectively. The # of Subsets of size K out of the set A times the # of subsets of size j out of the set B size could to the number of subsets of size j out of the set A multiplied with the number of subsets of size of size is out of the set A - C, because the proportions of subsets.