



DP7 Chris Hunt MTH 231 SQ-9:1 How mony permutations of {1,2,3,4,5} leave exactly order 1 1.4.3.2.1 : 41.5 = 5! con be done for each index (5)(4)(3)(7)(1) 5.4.3.2.1 . . am 1 missing something? Chris Hunt MTH 231 5Q-10: Ten ladico drop of f hats. Hats given back randomly. How many ways can exactly six receive their (10) = 210 05 (19) = 210 For this problem each lady can have two states (right hat, wrong hat) or (1,0). This there turns into a binomial problem From 10 choose 6 to receive right hat From 10 chouse 4 to receive wrong hat