

() Dage ()		
Synsing characteristic roots, $a_n = 5a_{n-1} - 6a_{n-2}$ $a_n = 5a_{n-1} + 6a_{n-2} = 0$ we know, if $a_n + 4a_{n-1} + \beta a_{n-2} = 0$ then, it can be represented as, $a_n + 4a_n + \beta a_n = 0$. then, $a_n = a(n_1)^n + b(n_2)^n$ where $n_1 + n_2 + n_3 = 0$ then, $a_n = a(n_1)^n + b(n_2)^n$ where $n_1 + n_2 = 0$ $n_1 + n_2 = 0$ $n_2 + n_3 = 0$ $n_1 + n_3 = 0$ $n_1 + n_2 = 0$ $n_1 + n_2 = 0$ $n_2 + n_3 = 0$ $n_1 + n_2 = 0$ $n_1 + n_2 = 0$ $n_1 + n_2 = 0$ $n_2 + n_3 = 0$ $n_1 + n_2 = 0$ $n_1 + n_2 = 0$ $n_1 + n_2 = 0$ $n_2 + n_3 = 0$ $n_1 + n_2 = 0$ $n_2 + n_3 = 0$		Total no. of chances = 6. (a) no. of ways = 6! = 720. (b) dog first > 5 x x x 3 x 2 x 1 = 12 a c) boy followed by dog > 5 possibilities B D x x 3 x 2 x 1 = 24 is times 5x24 = 120 ways. man boy Dog. 2 x 1 x 3 x 2 x 1 Hust can be done in 4 ways. = 12 x 4 = 24 ways.
(n-3)(n-2)=0 n=2,3	n.	Hus can be done in I ways. = 12 x 4 = 24 ways.