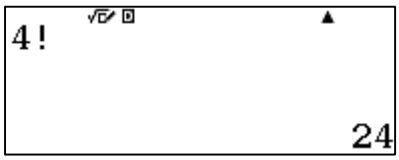
Permutation and Combination

Q#3: In how many ways can 4 people be lined up to get on a bus?

Solution:

This question can be solved by just finding 4! For this purpose

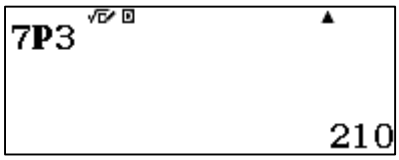
in normal calculation mode just write 4 and then press [SHIFT] [x^{-1}] to write '**!**' sign. And then press [=].



Q#4: Find the number of permutations of 7 objects taken 3 at a time.

Solution

To find out ${}^{7}P_{3}$ input [7] [SHIFT] [×] [3] [=]



Q#5: In how many ways can 3 students be selected out of 7 students?

Solution

To find out ${}^{7}C_{3}$ input [7] [SHIFT] [÷] [3] [=]