Brainbox learn easy

Chapter 07

PERMUTATIONS AND COMBINATIONS

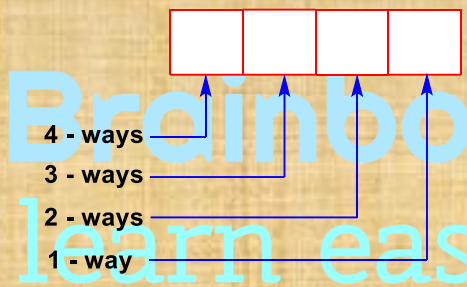
EXAMPLE- 1:

If there are four chairs and four students. Find the number of possible arrangements.

SOLUTION:

There are four chairs and four students let say P, Q, R and S.

So first chair can be occupied by any one out of four students in four ways.



Total number of arrangements $= 4 \times 3 \times 2 \times 1 = 24$ ways.