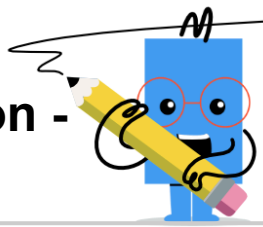
Name

Probability Permutation or Combination - Scenario to Order Matters



1

From a menu of 4 toppings, 3 pizza toppings are chosen. How many topping choices are possible?

Does the order of selection matter?

A Order matters

B Order does not matter

2

From 4 applicants, 2 scholarship recipients are selected. How many selections are possible?

Does the order of selection matter?

A Order does not matter

B Order matters

3

From 3 books on a shelf, 2 are chosen to borrow. How many choices are possible?

Does the order of selection matter?

A Order does not matter

B Order matters

4

From 6 available ingredients, 5 are chosen for a custom sandwich. How many choices are possible?

Does the order of selection matter?

A Order does not matter

B Order matters

5

From 6 different books, 3 are arranged in a row on a shelf. How many arrangements are possible?

Does the order of selection matter?

A Order does not matter

B Order matters

6

A 4-digit PIN with no repeated digits is created from 5 available digits. How many PINs are possible?

Does the order of selection matter?

A Order does not matter

B Order matters

7

From 5 different books, 4 are arranged in a row on a shelf. How many arrangements are possible?

Does the order of selection matter?

A Order does not matter

B Order matters

8

A 3-character password is made from 6 distinct letters with no repeats. How many passwords are possible?

Does the order of selection matter?

A Order matters

B Order does not matter