



## Probability Permutation or Combination - Scenario to Notation

1

Select the correct permutation or combination notation.

From 6 exam questions, 4 are selected to answer. How many selections are possible?

A	${}^6C_2$	B	${}^4C_6$
C	${}^6C_4$	D	${}^6P_6$

2

Select the correct permutation or combination notation.

A 3-digit PIN with no repeated digits is created from 6 available digits. How many PINs are possible?

A	${}^6C_3$	B	${}^3C_3$
C	${}^3P_6$	D	${}^6P_3$

3

Select the correct permutation or combination notation.

From 5 songs, 4 are placed into a numbered playlist order. How many playlists are possible?

A	${}^1P_1$	B	${}^5P_1$
C	${}^1C_5$	D	${}^5P_4$

4

Select the correct permutation or combination notation.

From 6 available ingredients, 4 are chosen for a custom sandwich. How many choices are possible?

A	${}^2C_6$	B	${}^2C_2$
C	${}^6C_4$	D	${}^4P_4$

5

Select the correct permutation or combination notation.

From 4 contestants, distinct first, second, and third prizes are awarded to 3 winners. How many ways are there?

A	${}^1P_4$	B	${}^4C_1$
C	${}^4P_3$	D	${}^1C_4$

6

Select the correct permutation or combination notation.

From 5 players, a tournament team of 4 is chosen. How many teams are possible?

A	${}^5C_5$	B	${}^4C_1$
C	${}^4P_4$	D	${}^5C_4$

7

Select the correct permutation or combination notation.

From 3 exam questions, 2 are selected to answer. How many selections are possible?

A	${}^2C_2$	B	${}^1C_1$
C	${}^2P_2$	D	${}^3C_2$

8

Select the correct permutation or combination notation.

From a roster of 6 players, a group of 3 starting players is chosen. How many groups are possible?

A	${}^6C_6$	B	${}^6C_3$
C	${}^6P_3$	D	${}^3C_3$