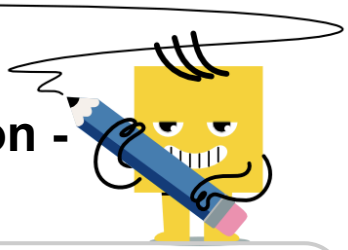
Name

Probability Permutation or Combination - Scenario to Value



1

From a group of 4 students, 3 distinct officer positions (such as president and vice-president) are filled. How many ways are there?

Select the correct number of ways.

A	4	B	19
C	6	D	24

2

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

Select the correct number of ways.

A	6	B	0
C	12	D	20

3

From 5 runners, the finishing positions of the top 3 are recorded. How many finishing orders are possible?

Select the correct number of ways.

A	60	B	6
C	5	D	3

4

A license plate uses 3 distinct characters arranged in a row, chosen from 4 options. How many plates are possible?

Select the correct number of ways.

A	6	B	24
C	11	D	4

5

From 5 contestants, distinct first, second, and third prizes are awarded to 4 winners. How many ways are there?

Select the correct number of ways.

A	120	B	24
C	15	D	5

6

From 4 available courses, 3 elective courses are chosen. How many choices are possible?

Select the correct number of ways.

A	18	B	4
C	0	D	24

7

From a class of 4 students, 3 are chosen and lined up left-to-right for a class photo. How many different line-ups are possible?

Select the correct number of ways.

A	6	B	4
C	24	D	18

8

From 6 volunteers, a committee of 2 members is formed. How many committees are possible?

Select the correct number of ways.

A	0	B	5
C	15	D	30