Name

Probability nPm Notation - Letter Notation to Description

1 Select the correct description for this notation

$${}_6P_3$$

A With a group of 6 options how many ways are there to choose
B Choose 3 options in a specific order from a group of 7 options
C From a group of 4 options how many ways are there to choose
D From a group of 6 items select a set of 3 items regardless of
E Choose a set of 3 items from a group of 6 total items. Ignore
F Choose 3 options in a specific order from a group of 6 options

2 Select the correct description for this notation

$${}_6P_6$$

A With a group of 6 items, if you choose 6 in a specific order,
B With a group of 6 options how many ways are there to choose
C From a group of 6 options how many ways are there to choose
D From a group of 6 items select a set of 6 items regardless of
E Choose 7 options in a specific order from a group of 7 options
F Choose 6 options in a specific order from a group of 6 options

3 Select the correct description for this notation

$${}_5P_3$$

A With a group of 3 items, if you choose 5 in a specific order,
B With a group of 5 options how many ways are there to choose
C Choose 5 options in a specific order from a group of 3 options
D With a group of 5 items, if you choose 3 in a specific order,
E Choose a set of 3 items from a group of 5 total items. Ignore
F From a group of 7 options how many ways are there to choose

4 Select the correct description for this notation

$${}_6P_5$$

A Choose a set of 5 items from a group of 6 total items. Ignore
B With a group of 5 items, if you choose 6 in a specific order,
C Choose 6 options in a specific order from a group of 5 options
D With a group of 6 options how many ways are there to choose
E With a group of 6 items, if you choose 5 in a specific order,
F From a group of 6 items select a set of 5 items regardless of

5 Select the correct description for this notation

$${}_5P_2$$

A Choose 4 options in a specific order from a group of 5 options
B From a group of 2 options how many ways are there to choose
C With a group of 5 items, if you choose 2 in a specific order,
D From a group of 5 items select a set of 2 items regardless of
E With a group of 5 options how many ways are there to choose
F With a group of 2 items, if you choose 5 in a specific order,

6 Select the correct description for this notation

$${}_6P_4$$

A Choose 6 options in a specific order from a group of 4 options
B From a group of 6 items select a set of 4 items regardless of
C Choose a set of 4 items from a group of 6 total items. Ignore
D Choose 4 options in a specific order from a group of 6 options
E With a group of 4 items, if you choose 6 in a specific order,
F With a group of 6 options how many ways are there to choose

7 Select the correct description for this notation

$${}_5P_5$$

A Choose 5 options in a specific order from a group of 5 options
B From a group of 5 items select a set of 5 items regardless of
C With a group of 5 items, if you choose 5 in a specific order,
D From a group of 5 options how many ways are there to choose
E With a group of 5 options how many ways are there to choose
F Choose a set of 5 items from a group of 5 total items. Ignore

8 Select the correct description for this notation

$${}_4P_2$$

A From a group of 2 options how many ways are there to choose
B With a group of 4 options how many ways are there to choose
C With a group of 4 items, if you choose 2 in a specific order,
D With a group of 2 items, if you choose 4 in a specific order,
E From a group of 4 items select a set of 2 items regardless of
F Choose a set of 2 items from a group of 4 total items. Ignore