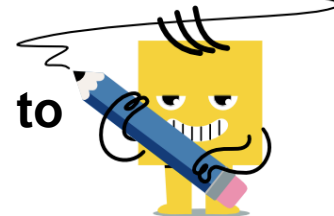




Probability nPm Notation - Description to Formula



1

Select the correct formula for this description

From a group of 4 options how many ways are there to choose 2 options in a specific order?

A	$\frac{4!}{2!}$	B	$\frac{4!}{2! \cdot 1! \cdot 3!}$
C	$\frac{2!}{2!}$	D	$3!$
E	$\frac{4!}{2! \cdot 2!}$	F	$\frac{5!}{3!}$

2

Select the correct formula for this description

Choose 5 options in a specific order from a group of 5 options

A	$6!$	B	$\frac{5!}{5! \cdot 0!}$
C	$\frac{5!}{1! \cdot 2!}$	D	$\frac{5!}{2!}$
E	$5!$		

3

Select the correct formula for this description

From a group of 5 options how many ways are there to choose 2 options in a specific order?

A	$\frac{5!}{3! \cdot 3!}$	B	$\frac{5!}{2! \cdot 3!}$
C	$3!$	D	$\frac{5!}{3! \cdot 1! \cdot 2!}$
E	$\frac{5!}{3!}$	F	$\frac{5!}{3! \cdot 1! \cdot 3!}$

4

Select the correct formula for this description

From a group of 5 options how many ways are there to choose 3 options in a specific order?

A	$\frac{5!}{2!}$	B	$\frac{5!}{2! \cdot 3!}$
C	$\frac{5!}{2! \cdot 2!}$	D	$\frac{5!}{3! \cdot 2!}$
E	$3!$	F	$\frac{3!}{2!}$

5

Select the correct formula for this description

With a group of 4 items, if you choose 3 in a specific order, how many permutations are possible?

A	$4!$	B	$3!$
C	$6!$	D	$\frac{4!}{1! \cdot 2!}$
E	$\frac{4!}{3! \cdot 1!}$		

6

Select the correct formula for this description

Choose 5 options in a specific order from a group of 6 options

A	$6!$	B	$\frac{7!}{3!}$
C	$\frac{6!}{5! \cdot 1!}$	D	$\frac{6!}{2!}$
E	$5!$	F	$\frac{6!}{3!}$

7

Select the correct formula for this description

With a group of 4 items, if you choose 4 in a specific order, how many permutations are possible?

A	$\frac{4!}{4! \cdot 0!}$	B	$4!$
C	$\frac{4!}{3!}$	D	$\frac{4!}{2!}$

8

Select the correct formula for this description

From a group of 6 options how many ways are there to choose 4 options in a specific order?

A	$\frac{4!}{2!}$	B	$7!$
C	$\frac{6!}{4! \cdot 2!}$	D	$\frac{6!}{2!}$
E	$\frac{5!}{3!}$	F	$\frac{6!}{2! \cdot 3!}$