Name

Probability nCm Notation - Description to Formula

1

Select the correct formula for this description

With a group of 5 options how many ways are there to choose a set of 4 options regardless of order?

A $\frac{5!}{4! \cdot 1!}$

B $5!$

C $\frac{6!}{6! \cdot 0!}$

D $\frac{4!}{5! \cdot 1!}$

2

Select the correct formula for this description

With a group of 6 options how many ways are there to choose a set of 5 options regardless of order?

A $\frac{6!}{5! \cdot 1!}$

B $\frac{5!}{6! \cdot 1!}$

C $6!$

3

Select the correct formula for this description

With a group of 4 options how many ways are there to choose a set of 2 options regardless of order?

A $\frac{4!}{2!}$

B $\frac{2!}{4! \cdot 2!}$

C $\frac{4!}{2! \cdot 2!}$

4

Select the correct formula for this description

From a group of 5 items select a set of 3 items regardless of order.

A $\frac{3!}{5! \cdot 2!}$

B $\frac{5!}{3! \cdot 2!}$

C $\frac{6!}{5! \cdot 1!}$

D $\frac{5!}{2!}$

5

Select the correct formula for this description

Choose a set of 4 items from a group of 4 total items. Ignore the order.

A $4!$

B $\frac{3!}{2! \cdot 1!}$

C $\frac{4!}{4! \cdot 0!}$

6

Select the correct formula for this description

From a group of 6 items select a set of 6 items regardless of order.

A $6!$

B $\frac{6!}{6! \cdot 0!}$

7

Select the correct formula for this description

Choose a set of 3 items from a group of 4 total items. Ignore the order.

A $4!$

B $\frac{4!}{3! \cdot 1!}$

C $\frac{3!}{3! \cdot 0!}$

8

Select the correct formula for this description

With a group of 3 options how many ways are there to choose a set of 2 options regardless of order?

A $3!$

B $\frac{3!}{2! \cdot 1!}$

C $\frac{2!}{3! \cdot 1!}$