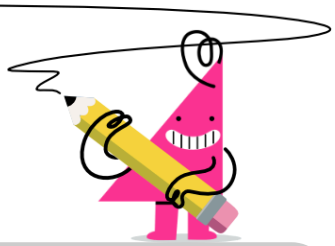
Name

Probability nCm Notation - Bracket Notation to Description



1 Select the correct description for this notation

$$\binom{5}{5}$$

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

B From a group of 4 items select a set of 4 items regardless of order.

C Choose a set of 5 items from a group of 5 total items. Ignore the order.

2 Select the correct description for this notation

$$\binom{3}{3}$$

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

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

C Choose 3 options in a specific order from a group of 3 options

3 Select the correct description for this notation

$$\binom{6}{2}$$

A From a group of 6 items select a set of 2 items regardless of order.

B Choose a set of 6 items from a group of 2 total items. Ignore the order.

C Choose 2 options in a specific order from a group of 6 options

4 Select the correct description for this notation

$$\binom{6}{3}$$

A Choose 3 options in a specific order from a group of 6 options

B With a group of 6 options how many ways are there to choose a set of 3 options regardless of order?

C Choose a set of 6 items from a group of 3 total items. Ignore the order.

5 Select the correct description for this notation

$$\binom{5}{4}$$

A Choose 4 options in a specific order from a group of 5 options

B From a group of 4 items select a set of 5 items regardless of order.

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

6 Select the correct description for this notation

$$\binom{6}{5}$$

A From a group of 6 options how many ways are there to choose 5 options in a specific order?

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

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

7 Select the correct description for this notation

$$\binom{6}{4}$$

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

B With a group of 6 options how many ways are there to choose a set of 4 options regardless of order?

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

8 Select the correct description for this notation

$$\binom{6}{6}$$

A With a group of 6 items, if you choose 6 in a specific order, how many permutations are possible?

B With a group of 7 options how many ways are there to choose a set of 6 options regardless of order?

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