mobiu

Math worksheet on *'Probability nCm Notation - Lett Notation to Description (Level 1)'*. Part of a broader on *'Probability and Statistics - Probability with Factor Intro'*

Learn online:

app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

1 Select the correct description for this notation

$$_5C_3$$

a With a group of 5 items, if you choose 3 in a specific order, how many permutations are possible?

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

c With a group of 3 options how many ways are there to choose a set of 5 options regardless of order?

2 Select the correct description for this notation

$$_3C_3$$

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

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

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

3 Select the correct description for this notation

$$_4C_4$$

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

b Choose 4 options in a specific order from a group of 4 options

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

4 Select the correct description for this notation

$$_6C_5$$

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

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

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

5 Select the correct description for this notation

$$_4C_2$$

a With a group of 4 items, if you choose 2 in a specific order, how many permutations are possible?

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

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

6 Select the correct description for this notation

$$_6C_6$$

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

b From a group of 6 items select a set of 6 items 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?

7 Select the correct description for this notation

$$_5C_2$$

a Choose 2 options in a specific order from a group of 5 options

b With a group of 2 options how many ways are there to choose a set of 5 options regardless of order?

c With a group of 5 options how many ways are there to choose a set of 2 options regardless of order?