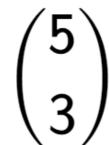mobi

Math worksheet on *'Probability nCm Notation - Brack to Description (Level 1)'*. Part of a broader unit on *'F and Statistics - Binomial Notation Practice*

Learn online:

app.mobius.academy/math/units/probability_and_statistics_probability_with_binomial

1 Select the correct description for this notation

$$\binom{5}{3}$$

a Choose a set of 3 items from a group of 5 total items. Ignore the order.

b From a group of 7 items select a set of 5 items regardless of order.

c From a group of 5 options how many ways are there to choose 3 options in a specific order?
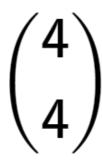
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2 Select the correct description for this notation

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

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.

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3 Select the correct description for this notation

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

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

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

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

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4 Select the correct description for this notation

$$\binom{4}{2}$$

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

b From a group of 4 items select a set of 2 items regardless of order.

c Choose 2 options in a specific order from a group of 4 options

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5 Select the correct description for this notation

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

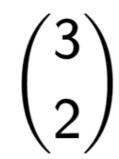**a** From a group of 6 items select a set of 2 items regardless of order.

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

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6 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?

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7 Select the correct description for this notation

$$\binom{3}{2}$$

a From a group of 3 options how many ways are there to choose 2 options in a specific order?

b Choose 2 options in a specific order from a group of 3 options

c From a group of 3 items select a set of 2 items regardless of order.