Math worksheet on *'Probability nCm Notation - Des Bracket Notation (Level 1)'*. Part of a broader unit on *and Statistics - Binomial Notation Practice*

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app.mobius.academy/math/units/probability_and_statistics_probability_with_binomial

1

Choose a set of 2 items from a group of 5 total items. Ignore the order.

a $\binom{5}{2}$ **b** $\binom{3}{3}$

c $\binom{2}{5}$ **d** $\binom{7}{2}$

2

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

a $\binom{5}{2}$ **b** $\binom{5}{4}$

c $\binom{3}{3}$ **d** $\binom{4}{4}$

3

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

a $\binom{3}{3}$ **b** $\binom{5}{2}$

c $\binom{2}{3}$ **d** $\binom{3}{2}$

4

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

a $\binom{5}{5}$ **b** $\binom{6}{3}$

c $\binom{7}{4}$ **d** $\binom{3}{3}$

e $\binom{7}{5}$

5

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

a $\binom{3}{3}$ **b** $\binom{5}{4}$

c $\binom{4}{2}$ **d** $\binom{5}{2}$

6

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

a $\binom{7}{2}$ **b** $\binom{8}{2}$

c $\binom{5}{2}$ **d** $\binom{6}{3}$

7

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

a $\binom{6}{6}$ **b** $\binom{8}{7}$

c $\binom{8}{4}$