



Math worksheet on 'Probability nPm Notation - Desc Notation (Level 1)'. Part of a broader unit on 'Pro Statistics - Permutations and Combinations Calculations'.

Learn online:

app.mobius.academy/math/units/probability_and_statistics_permutations_and_combinations

1

Select the correct notation for this description

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

a	$5P_5$	b	$5P_3$
c	$6P_3$	d	$5C_5$
e	$7P_4$	f	$5G_5$

2

Select the correct notation for this description

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

a	$3P_2$	b	$3G_3$
c	$3P_3$	d	$3C_3$
e	$3R_3$	f	$4P_2$

3

Select the correct notation for this description

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

a	$4P_5$	b	$5P_4$
c	$5P_5$	d	$7P_5$
e	$5C_4$	f	$5G_4$

4

Select the correct notation for this description

With a group of 4 items, if you choose 3 in a specific order, how many permutations are possible?

a	$4P_4$	b	$4P_3$
c	$3P_2$	d	$4C_3$
e	$4G_3$	f	$4R_3$

5

Select the correct notation for this description

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

a	$6P_2$	b	$5G_3$
c	$5P_3$	d	$5R_3$
e	$3P_5$	f	$5C_3$

6

Select the correct notation for this description

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

a	$2P_5$	b	$5P_2$
c	$3P_3$	d	$6P_4$
e	$5R_2$	f	$5C_2$

7

Select the correct notation for this description

With a group of 6 items, if you choose 4 in a specific order, how many permutations are possible?

a	$6P_5$	b	$8P_4$
c	$6P_4$	d	$4P_6$
e	$6C_4$	f	$7P_4$